
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

Form 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended May 4, 2019
OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____
Commission File No. 1-7819

Analog Devices, Inc.

(Exact name of registrant as specified in its charter)

Massachusetts

(State or other jurisdiction of incorporation or organization)

04-2348234

(I.R.S. Employer Identification No.)

One Technology Way, Norwood, MA

(Address of principal executive offices)

02062-9106

(Zip Code)

(781) 329-4700

(Registrant's telephone number, including area code)

(Former name, former address and former fiscal year, if changed since last report)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock \$0.16 2/3 par value per share	ADI	Nasdaq Global Select Market

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. YES NO

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). YES NO

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). YES NO

As of May 4, 2019 there were 369,761,227 shares of common stock of the registrant, \$0.16 2/3 par value per share, outstanding.

PART I - FINANCIAL INFORMATION

ITEM 1. Financial Statements

ANALOG DEVICES, INC.
 CONDENSED CONSOLIDATED STATEMENTS OF INCOME
 (Unaudited)
 (in thousands, except per share amounts)

	Three Months Ended		Six Months Ended	
	May 4, 2019	May 5, 2018 (2)	May 4, 2019	May 5, 2018 (2)
Revenue	\$ 1,526,602	\$ 1,563,502	\$ 3,067,703	\$ 3,130,372
Cost of sales (1)	492,510	491,112	993,955	986,299
Gross margin	1,034,092	1,072,390	2,073,748	2,144,073
Operating expenses:				
Research and development (1)	285,846	289,472	573,228	578,069
Selling, marketing, general and administrative (1)	163,128	172,146	330,470	349,054
Amortization of intangibles	107,261	107,129	214,585	214,148
Special charges	8,162	1,089	29,944	58,407
	564,397	569,836	1,148,227	1,199,678
Operating income	469,695	502,554	925,521	944,395
Nonoperating expense (income):				
Interest expense	59,701	64,792	118,429	132,822
Interest income	(2,928)	(1,912)	(5,616)	(4,004)
Other, net	4,525	(451)	4,365	105
	61,298	62,429	117,178	128,923
Income before income taxes	408,397	440,125	808,343	815,472
Provision for income taxes	40,460	39,797	85,400	121,904
Net income	\$ 367,937	\$ 400,328	\$ 722,943	\$ 693,568
Shares used to compute earnings per common share – basic	369,246	370,384	368,974	369,685
Shares used to compute earnings per common share – diluted	373,342	374,778	372,912	374,430
Basic earnings per common share	\$ 0.99	\$ 1.08	\$ 1.95	\$ 1.87
Diluted earnings per common share	\$ 0.98	\$ 1.06	\$ 1.93	\$ 1.84
(1) Includes stock-based compensation expense as follows:				
Cost of sales	\$ 5,389	\$ 3,820	\$ 10,473	\$ 8,041
Research and development	\$ 19,567	\$ 22,018	\$ 38,492	\$ 41,746
Selling, marketing, general and administrative	\$ 15,273	\$ 13,076	\$ 27,657	\$ 27,029

(2) Balances have been restated to reflect the full retrospective adoption of Accounting Standards Update (ASU) 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09). See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements.

See accompanying notes.

ANALOG DEVICES, INC.
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(Unaudited)
(in thousands)

	Three Months Ended		Six Months Ended	
	May 4, 2019	May 5, 2018 (1)	May 4, 2019	May 5, 2018 (1)
Net income	\$ 367,937	\$ 400,328	\$ 722,943	\$ 693,568
Foreign currency translation adjustments	(3,428)	(3,419)	(112)	6,752
Change in fair value of available-for-sale securities	5	5	15	3
Change in fair value of derivative instruments designated as cash flow hedges (net of taxes of \$3,802, \$771, \$10,183 and \$1,323, respectively)	(14,912)	(6,613)	(37,850)	1,737
Changes in pension plans including transition obligation, net actuarial loss and foreign currency translation adjustments (net of taxes of \$63, \$99, \$126 and \$202, respectively)	335	1,373	366	(144)
Other comprehensive (loss) income	(18,000)	(8,654)	(37,581)	8,348
Comprehensive income	<u>\$ 349,937</u>	<u>\$ 391,674</u>	<u>\$ 685,362</u>	<u>\$ 701,916</u>

(1) Balances have been restated to reflect the full retrospective adoption of Accounting Standards Update (ASU) 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09). See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements.

See accompanying notes.

ANALOG DEVICES, INC.
CONDENSED CONSOLIDATED BALANCE SHEETS
(Unaudited)
(in thousands, except share and per share amounts)

	May 4, 2019	November 3, 2018 (1)
ASSETS		
Current Assets		
Cash and cash equivalents	\$ 713,601	\$ 816,591
Accounts receivable	685,978	639,717
Inventories (2)	608,085	586,760
Prepaid income tax	2,935	3,196
Prepaid expenses and other current assets	69,890	65,862
Total current assets	<u>2,080,489</u>	<u>2,112,126</u>
Property, Plant and Equipment, at Cost		
Land and buildings	903,378	873,186
Machinery and equipment	2,560,573	2,478,032
Office equipment	82,706	76,233
Leasehold improvements	147,253	100,374
	<u>3,693,910</u>	<u>3,527,825</u>
Less accumulated depreciation and amortization	2,482,443	2,373,497
Net property, plant and equipment	<u>1,211,467</u>	<u>1,154,328</u>
Other Assets		
Deferred compensation plan investments	42,661	39,853
Other investments	31,616	28,730
Goodwill	12,250,370	12,252,604
Intangible assets, net	4,489,182	4,778,192
Deferred tax assets	1,610,109	9,665
Other assets	60,431	62,868
Total other assets	<u>18,484,369</u>	<u>17,171,912</u>
	<u>\$ 21,776,325</u>	<u>\$ 20,438,366</u>
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current Liabilities		
Accounts payable	\$ 208,243	\$ 260,919
Income taxes payable	124,356	93,722
Debt, current	374,165	67,000
Accrued liabilities	658,271	630,107
Total current liabilities	<u>1,365,035</u>	<u>1,051,748</u>
Non-current liabilities		
Long-term debt	5,612,365	6,265,674
Deferred income taxes	2,228,822	990,409
Deferred compensation plan liability	42,661	39,846
Income taxes payable	647,714	710,179
Other non-current liabilities	137,470	112,337
Total non-current liabilities	<u>8,669,032</u>	<u>8,118,445</u>
Commitments and contingencies		
Shareholders' Equity		
Preferred stock, \$1.00 par value, 471,934 shares authorized, none outstanding	—	—
Common stock, \$0.16 2/3 par value, 1,200,000,000 shares authorized, 369,761,227 shares outstanding (370,159,553 on November 3, 2018)	61,628	61,694
Capital in excess of par value	5,117,202	5,282,222
Retained earnings	6,659,449	5,982,697
Accumulated other comprehensive loss	(96,021)	(58,440)
Total shareholders' equity	<u>11,742,258</u>	<u>11,268,173</u>
	<u>\$ 21,776,325</u>	<u>\$ 20,438,366</u>

(1) Balances have been restated to reflect the full retrospective adoption of Accounting Standards Update (ASU) 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09). See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements.

(2) Includes \$6,982 and \$7,128 related to stock-based compensation at May 4, 2019 and November 3, 2018, respectively.

See accompanying notes.

ANALOG DEVICES, INC.
CONDENSED CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY
(Unaudited)
(in thousands)

	Three Months Ended May 4, 2019				
	Common Stock		Capital in Excess of Par Value	Retained Earnings	Accumulated Other Comprehensive (Loss) Income
	Shares	Amount			
BALANCE, FEBRUARY 2, 2019	368,314	\$ 61,387	\$ 5,111,058	\$ 6,491,013	\$ (78,021)
Net income				367,937	
Dividends declared and paid - \$0.54 per share				(199,501)	
Issuance of stock under stock plans and other	2,369	395	67,283		
Stock-based compensation expense			40,229		
Other comprehensive loss					(18,000)
Common stock repurchased	(922)	(154)	(101,368)		
BALANCE, MAY 4, 2019	369,761	\$ 61,628	\$ 5,117,202	\$ 6,659,449	\$ (96,021)

	Six Months Ended May 4, 2019				
	Common Stock		Capital in Excess of Par Value	Retained Earnings	Accumulated Other Comprehensive (Loss) Income
	Shares	Amount			
BALANCE, NOVEMBER 3, 2018 (1)	370,160	\$ 61,694	\$ 5,282,222	\$ 5,982,697	\$ (58,440)
Effect of Accounting Standards Update 2016-16 (see Note 1)				331,026	
Net income				722,943	
Dividends declared and paid - \$1.02 per share				(377,217)	
Issuance of stock under stock plans and other	3,140	524	86,383		
Stock-based compensation expense			76,622		
Other comprehensive loss					(37,581)
Common stock repurchased	(3,539)	(590)	(328,025)		
BALANCE, MAY 4, 2019	369,761	\$ 61,628	\$ 5,117,202	\$ 6,659,449	\$ (96,021)

(1) Balances have been restated to reflect the full retrospective adoption of Accounting Standards Update (ASU) 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09). See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements.

See accompanying notes.

ANALOG DEVICES, INC.
CONDENSED CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY
(Unaudited)
(in thousands)

	Three Months Ended May 5, 2018				
	Common Stock		Capital in	Retained	Accumulated
	Shares	Amount	Excess of Par Value	Earnings	Other Comprehensive (Loss) Income
BALANCE, FEBRUARY 3, 2018 (1)	369,804	\$ 61,635	\$ 5,318,109	\$ 5,305,545	\$ (44,357)
Net income				400,328	
Dividends declared and paid - \$0.48 per share				(178,282)	
Issuance of stock under stock plans and other	1,324	221	27,524		
Stock-based compensation expense			38,914		
Other comprehensive loss					(8,654)
Common stock repurchased	(231)	(39)	(21,939)		
BALANCE, MAY 5, 2018	<u>370,897</u>	<u>\$ 61,817</u>	<u>\$ 5,362,608</u>	<u>\$ 5,527,591</u>	<u>\$ (53,011)</u>
	Six Months Ended May 5, 2018				
	Common Stock		Capital in	Retained	Accumulated
	Shares	Amount	Excess of Par Value	Earnings	Other Comprehensive (Loss) Income
BALANCE, OCTOBER 28, 2017 (1)	368,636	\$ 61,441	\$ 5,250,519	\$ 5,179,024	\$ (61,359)
Net income				693,568	
Dividends declared and paid - \$0.93 per share				(345,001)	
Issuance of stock under stock plans and other	2,575	429	65,128		
Stock-based compensation expense			76,816		
Other comprehensive income					8,348
Common stock repurchased	(314)	(53)	(29,855)		
BALANCE, MAY 5, 2018	<u>370,897</u>	<u>\$ 61,817</u>	<u>\$ 5,362,608</u>	<u>\$ 5,527,591</u>	<u>\$ (53,011)</u>

(1) Balances have been restated to reflect the full retrospective adoption of Accounting Standards Update (ASU) 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09). See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements.

See accompanying notes.

ANALOG DEVICES, INC.
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)
(in thousands)

	Six Months Ended	
	May 4, 2019	May 5, 2018 (1)
Cash flows from operating activities:		
Net income	\$ 722,943	\$ 693,568
Adjustments to reconcile net income to net cash provided by operations:		
Depreciation	117,435	113,004
Amortization of intangibles	284,525	285,004
Stock-based compensation expense	76,622	76,816
Non-cash portion of special charge	4,367	—
Deferred income taxes	(21,843)	(705,640)
Other non-cash activity	18,429	10,104
Changes in operating assets and liabilities	(159,829)	634,326
Total adjustments	319,706	413,614
Net cash provided by operating activities	1,042,649	1,107,182
Cash flows from investing activities:		
Additions to property, plant and equipment	(166,202)	(117,122)
Payments for acquisitions, net of cash acquired	—	(52,339)
Changes in other assets	(4,585)	(1,029)
Net cash used for investing activities	(170,787)	(170,490)
Cash flows from financing activities:		
Proceeds from debt	—	743,778
Proceeds from revolver	75,000	—
Payments on revolver	(75,000)	—
Debt repayments	(350,000)	(1,620,000)
Dividend payments to shareholders	(377,217)	(345,001)
Repurchase of common stock	(328,615)	(29,908)
Proceeds from employee stock plans	86,907	65,557
Contingent consideration payment	(4,000)	(542)
Changes in other financing activities	(2,144)	7,945
Net cash used for financing activities	(975,069)	(1,178,171)
Effect of exchange rate changes on cash	217	158
Net decrease in cash and cash equivalents	(102,990)	(241,321)
Cash and cash equivalents at beginning of period	816,591	1,047,838
Cash and cash equivalents at end of period	\$ 713,601	\$ 806,517

(1) Balances have been restated to reflect the full retrospective adoption of Accounting Standards Update (ASU) 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09). See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements.

See accompanying notes.

ANALOG DEVICES, INC.
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
FOR THE THREE AND SIX MONTHS ENDED MAY 4, 2019
(all tabular amounts in thousands except per share amounts and percentages)

Note 1 – Basis of Presentation

In the opinion of management, the information furnished in the accompanying condensed consolidated financial statements reflects all normal recurring adjustments that are necessary to fairly state the results for these interim periods and should be read in conjunction with Analog Devices, Inc.'s (the Company) Annual Report on Form 10-K for the fiscal year ended November 3, 2018 (fiscal 2018) and related notes. The results of operations for the interim periods shown in this report are not necessarily indicative of the results that may be expected for the fiscal year ending November 2, 2019 (fiscal 2019) or any future period.

The Company has a 52-53 week fiscal year that ends on the Saturday closest to the last day in October. Fiscal 2019 is a 52-week fiscal year and fiscal 2018 was a 53-week fiscal year. The additional week in fiscal 2018 was included in the first quarter ended February 3, 2018. Therefore, the first six months of fiscal 2019 included one less week of operations as compared to the first six months of fiscal 2018. Certain amounts reported in previous periods have been reclassified to conform to the fiscal 2019 presentation.

As further discussed in Note 2, *Revenue Recognition* and Note 13, *New Accounting Pronouncements*, the Company adopted the Financial Accounting Standards Board (FASB) Accounting Standards Update (ASU) 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09), in the first quarter of fiscal 2019. The two permitted transition methods under the new standard are the full retrospective method, in which case the standard would be applied to each prior reporting period presented and the cumulative effect of applying the standard would be recognized at the earliest period showing, or the modified retrospective method, in which case the cumulative effect of applying the standard would be recognized as of the date of initial application. The Company adopted ASU 2014-09 using the full retrospective method and applied the practical expedient, in which the Company is not required to disclose the amount of consideration allocated to any remaining performance obligations or an explanation of when the Company expects to recognize that amount as revenue for all reporting periods presented before the date of the initial application.

As a result of the adoption of ASU 2014-09, the Company changed its accounting policy for revenue recognition and recognizes revenue from product sales to its customers and distributors when title passes, which is generally upon shipment. Prior to the adoption of ASU 2014-09, revenue and the related cost of sales on shipments to certain distributors were deferred until the distributor resold the products to their end customers. See Note 2, *Revenue Recognition*, in these Notes to Condensed Consolidated Financial Statements for the details of the Company's revenue recognition policies. The adoption of ASU 2014-09 impacted the Company's condensed consolidated statements of income and balance sheets but did not impact its condensed consolidated statements of cash flows, with the exceptions of net income and reclassifications within adjustments to reconcile net income to cash provided by operations, and did not impact the condensed consolidated statement of shareholders' equity, with the exceptions of retained earnings and net income. As shown in the tables below, pursuant to the guidance in ASU 2014-09, the Company restated its historical financial results to be consistent with the standard. Accordingly, the amounts for all periods presented in this Form 10-Q reflect the impact of ASU 2014-09.

Condensed Consolidated Statement of Income
Three Months Ended May 5, 2018

	As Reported	Impact of Adoption	As Adjusted
Revenue	\$ 1,513,053	\$ 50,449	\$ 1,563,502
Cost of sales	479,241	11,871	491,112
Gross margin	1,033,812	38,578	1,072,390
Operating expenses:			
Research and development	289,472	—	289,472
Selling, marketing, general and administrative	172,146	—	172,146
Amortization of intangibles	107,129	—	107,129
Special charges	1,089	—	1,089
	569,836	—	569,836
Operating income	463,976	38,578	502,554
Nonoperating expense (income):			
Interest expense	64,792	—	64,792
Interest income	(1,912)	—	(1,912)
Other, net	(451)	—	(451)
	62,429	—	62,429
Income before income taxes	401,547	38,578	440,125
Provision for income taxes	21,716	18,081	39,797
Net income	\$ 379,831	\$ 20,497	\$ 400,328
Shares used to compute earnings per common share – basic	370,384	—	370,384
Shares used to compute earnings per common share – diluted	374,778	—	374,778
Basic earnings per common share	\$ 1.02	\$ 0.06	\$ 1.08
Diluted earnings per common share	\$ 1.01	\$ 0.05	\$ 1.06

Condensed Consolidated Statement of Income
Six Months Ended May 5, 2018

	As Reported	Impact of Adoption	As Adjusted
Revenue	\$ 3,031,677	\$ 98,695	\$ 3,130,372
Cost of sales	962,675	23,624	986,299
Gross margin	2,069,002	75,071	2,144,073
Operating expenses:			
Research and development	578,069	—	578,069
Selling, marketing, general and administrative	349,054	—	349,054
Amortization of intangibles	214,148	—	214,148
Special charges	58,407	—	58,407
	1,199,678	—	1,199,678
Operating income	869,324	75,071	944,395
Nonoperating expense (income):			
Interest expense	132,822	—	132,822
Interest income	(4,004)	—	(4,004)
Other, net	105	—	105
	128,923	—	128,923
Income before income taxes	740,401	75,071	815,472
Provision for income taxes	92,398	29,506	121,904
Net income	\$ 648,003	\$ 45,565	\$ 693,568
Shares used to compute earnings per common share – basic	369,685	—	369,685
Shares used to compute earnings per common share – diluted	374,430	—	374,430
Basic earnings per common share	\$ 1.75	\$ 0.12	\$ 1.87
Diluted earnings per common share	\$ 1.72	\$ 0.12	\$ 1.84

The impact on the Company's previously reported condensed consolidated balance sheet line items is as follows:

	November 3, 2018		
	As Reported	Impact of Adoption	As Adjusted
Deferred tax assets	\$ 21,078	\$ (11,413)	\$ 9,665
Deferred income on shipments to distributors, net	\$ 487,417	\$ (487,417)	\$ —
Accrued liabilities	\$ 497,080	\$ 133,027	\$ 630,107
Deferred income taxes	\$ 927,065	\$ 63,344	\$ 990,409
Retained earnings	\$ 5,703,064	\$ 279,633	\$ 5,982,697

In addition, in the first quarter of fiscal 2019, the Company adopted ASU 2016-16, *Income Taxes (Topic 740)* (ASU 2016-16) using the modified retrospective method with a cumulative-effect adjustment directly to retained earnings. ASU 2016-16 requires an entity to recognize the income tax consequences of an intra-entity transfer of an asset, other than inventory, when the transfer occurs. The adoption of ASU 2016-16 resulted in the following cumulative-effect increase in the Company's deferred tax assets, deferred tax liabilities and retained earnings as follows:

	November 4, 2018		
	Beginning Balance November 3, 2018 as Adjusted	Impact of Adoption of ASU 2016-16	Balance November 4, 2018
Deferred tax assets	\$ 9,665	\$ 1,655,129	\$ 1,664,794
Deferred income taxes	\$ 990,409	\$ 1,324,103	\$ 2,314,512
Retained earnings	\$ 5,982,697	\$ 331,026	\$ 6,313,723

See Note 13, *New Accounting Pronouncements*, and Note 12, *Income Taxes*, in these Notes to Condensed Consolidated Financial Statements for more information on the adoption of ASU 2016-16.

Note 2 – Revenue Recognition

Revenue Recognition Policy: In May 2014, the FASB issued ASU 2014-09, *Revenue from Contracts with Customers*, to achieve a consistent application of revenue recognition, resulting in a single revenue model to be applied by reporting companies under U.S. generally accepted accounting principles. Under the new model, recognition of revenue occurs when a customer obtains control of promised goods or services in an amount that reflects the consideration to which the providing entity expects to be entitled in exchange for those goods or services. As a result of the adoption of ASU 2014-09, at the beginning of the first quarter of fiscal 2019, the Company revised its revenue recognition policy. The Company now recognizes revenue upon transfer of control of promised products or services to customers in an amount that reflects the consideration the Company expects to receive in exchange for those products or services. Under ASU 2014-09, the Company recognizes revenue when all of the following criteria are met: (1) the Company has entered into a binding agreement, (2) the performance obligations have been identified, (3) the transaction price to the customer has been determined, (4) the transaction price has been allocated to the performance obligations in the contract, and (5) the performance obligations have been satisfied. The majority of the Company's shipping terms permit the Company to recognize revenue at point of shipment or delivery. Certain shipping terms require the goods to be through customs or be received by the customer before title passes. In those instances, the Company defers the revenue recognized until title has passed. Shipping costs are charged to cost of sales as incurred. Sales taxes are excluded from revenue.

Revenue from contracts with the United States government, government prime contractors and certain commercial customers is recorded over time using either units delivered or costs incurred as the measurement basis for progress toward completion. These measures are used to measure results directly and is generally the best measure of progress toward completion in circumstances in which a reliable measure of output can be established. Estimated revenue in excess of amounts billed is reported as unbilled receivables. Contract accounting requires judgment in estimating costs and assumptions related to technical issues and delivery schedule. Contract costs include material, subcontract costs, labor and an allocation of indirect costs. The estimation of costs at completion of a contract is subject to numerous variables involving contract costs and estimates as to the length of time to complete the contract. Changes in contract performance, estimated gross margin, including the impact of final contract settlements, and estimated losses are recognized in the period in which the changes or losses are determined.

Performance Obligations: Substantially all of the Company's contracts with customers contain a single performance obligation, the sale of mixed-signal integrated circuit (IC) products. Such sales represent a single performance obligation because the sale is one type of good or includes multiple goods that are neither capable of being distinct nor separable from the other promises in the contract. This performance obligation is satisfied when control of the product is transferred to the customer, which occurs upon shipment or delivery. Unsatisfied performance obligations primarily represent contracts for products with future delivery dates and with an original expected duration of one year or less. As allowed under ASU 2014-09, the Company has opted to not disclose the amount of unsatisfied performance obligations as these contracts have original expected durations of less than one year. The Company generally offers a twelve-month warranty for its products. The Company's warranty policy provides for replacement of defective products. Specific accruals are recorded for known product warranty issues.

Transaction Price: The transaction price reflects the Company's expectations about the consideration it will be entitled to receive from the customer and may include fixed or variable amounts. Fixed consideration primarily includes sales to direct customers and sales to distributors in which both the sale to the distributor and the sale to the end customer occur within the same reporting period. Variable consideration includes sales in which the amount of consideration that the Company will receive is unknown as of the end of a reporting period. Such consideration primarily includes sales made to distributors under agreements that allow certain rights of return, referred to as stock rotation, and credits issued to the distributor due to price protection. Stock rotation allows distributors limited levels of returns in order to reduce the amounts of slow-moving, discontinued or obsolete product from their inventory. Price protection represents price discounts granted to certain distributors to allow the distributor to earn an appropriate margin on sales negotiated with certain customers and in the event of a price decrease subsequent to the date the product was shipped and billed to the distributor. A refund liability for distributor credits covering variable consideration are made based on the Company's estimate of historical experience rates as well as considering economic conditions and contractual terms. To date, actual distributor claims activity has been materially consistent with the provisions the Company has made based on its historical estimates.

Contract Balances: Accounts receivable represents the Company's unconditional right to receive consideration from its customers. Payments are typically due within 30 to 45 days of invoicing and do not include a significant financing component. To date, there have been no material impairment losses on accounts receivable. There were no material contract assets or contract liabilities recorded on the condensed consolidated balance sheet in any of the periods presented.

Note 3 – Stock-Based Compensation and Shareholders' Equity

A summary of the Company's stock option activity as of May 4, 2019 and changes during the three- and six-month periods then ended is presented below:

<u>Activity during the Three Months Ended May 4, 2019</u>	Options Outstanding (in thousands)	Weighted-Average Exercise Price Per Share	Weighted-Average Remaining Contractual Term in Years	Aggregate Intrinsic Value
Options outstanding at February 2, 2019	6,741	\$60.03		
Options granted	413	\$108.08		
Options exercised	(1,294)	\$52.60		
Options forfeited	(38)	\$75.43		
Options outstanding at May 4, 2019	<u>5,822</u>	<u>\$64.99</u>	6.3	\$302,503
Options exercisable at May 4, 2019	<u>3,443</u>	<u>\$54.70</u>	5.2	\$214,319
Options vested or expected to vest at May 4, 2019 (1)	<u>5,626</u>	<u>\$64.30</u>	6.2	\$296,225

(1) In addition to the vested options, the Company expects a portion of the unvested options to vest at some point in the future. The number of options expected to vest is calculated by applying an estimated forfeiture rate to the unvested options.

<u>Activity during the Six Months Ended May 4, 2019</u>	Options Outstanding (in thousands)	Weighted-Average Exercise Price Per Share
Options outstanding at November 3, 2018	7,297	\$58.42
Options granted	439	\$107.08
Options exercised	(1,806)	\$48.44
Options forfeited	(103)	\$72.06
Options expired	(5)	\$21.97
Options outstanding at May 4, 2019	<u>5,822</u>	<u>\$64.99</u>

During the three- and six-month periods ended May 4, 2019, the total intrinsic value of options exercised (i.e., the difference between the market price at exercise and the price paid by the employee to exercise the options) was \$72.6 million and \$99.7 million, respectively, and the total amount of proceeds received by the Company from the exercise of these options was \$67.7 million and \$86.9 million, respectively.

During the three- and six-month periods ended May 5, 2018, the total intrinsic value of options exercised (i.e., the difference between the market price at exercise and the price paid by the employee to exercise the options) was \$28.7 million and \$82.5 million, respectively, and the total amount of proceeds received by the Company from the exercise of these options was \$27.7 million and \$65.6 million, respectively.

A summary of the Company's restricted stock unit/award activity as of May 4, 2019 and changes during the three- and six-month periods then ended is presented below:

	Restricted Stock Units/Awards Outstanding (in thousands)	Weighted- Average Grant- Date Fair Value Per Share
Activity during the Three Months Ended May 4, 2019		
Restricted stock units/awards outstanding at February 2, 2019	4,985	\$77.76
Units/Awards granted	1,144	\$98.90
Restrictions lapsed	(1,074)	\$64.18
Forfeited	(77)	\$78.81
Restricted stock units/awards outstanding at May 4, 2019	4,978	\$85.49
Activity during the Six Months Ended May 4, 2019		
Restricted stock units/awards outstanding at November 3, 2018	5,289	\$77.54
Units/Awards granted	1,200	\$98.06
Restrictions lapsed	(1,331)	\$66.00
Forfeited	(180)	\$78.58
Restricted stock units/awards outstanding at May 4, 2019	4,978	\$85.49

As of May 4, 2019, there was \$395.6 million of total unrecognized compensation cost related to unvested stock-based awards comprised of stock options and restricted stock units/awards. That cost is expected to be recognized over a weighted-average period of 1.6 years. The total grant-date fair value of shares that vested during the three- and six-month periods ended May 4, 2019 was approximately \$87.1 million and \$106.4 million, respectively. The total grant-date fair value of shares that vested during the three- and six-month periods ended May 5, 2018 was approximately \$64.1 million and \$84.5 million, respectively.

Common Stock Repurchases

As of May 4, 2019, the Company had repurchased a total of approximately 152.0 million shares of its common stock for approximately \$5.8 billion under the Company's share repurchase program. As of May 4, 2019, an additional \$2.3 billion remains available for repurchase of shares under the current authorized program.

Note 4 – Accumulated Other Comprehensive Income (Loss)

The following table provides the changes in accumulated other comprehensive income (loss) (OCI) by component and the related tax effects during the first six months of fiscal 2019.

	Foreign currency translation adjustment	Unrealized holding gains (losses) on available for sale securities	Unrealized holding gains (losses) on derivatives	Pension plans	Total
November 3, 2018	\$ (28,711)	\$ (10)	\$ (14,355)	\$ (15,364)	\$ (58,440)
Other comprehensive income (loss) before reclassifications	(112)	15	(53,229)	(19)	(53,345)
Amounts reclassified out of other comprehensive income (loss)	—	—	5,196	511	5,707
Tax effects	—	—	10,183	(126)	10,057
Other comprehensive income (loss)	(112)	15	(37,850)	366	(37,581)
May 4, 2019	\$ (28,823)	\$ 5	\$ (52,205)	\$ (14,998)	\$ (96,021)

The amounts reclassified out of accumulated OCI into the Condensed Consolidated Statement of Income with presentation location during each period were as follows:

Comprehensive Income Component	Three Months Ended		Six Months Ended		Location
	May 4, 2019	May 5, 2018	May 4, 2019	May 5, 2018	
Unrealized holding losses (gains) on derivatives					
Currency forwards	\$ 478	\$ (590)	\$ 1,197	\$ (1,865)	Cost of sales
	770	(714)	1,618	(1,783)	Research and development
	956	(787)	1,871	(1,756)	Selling, marketing, general and administrative
Interest rate derivatives	464	(473)	510	157	Interest expense
	2,668	(2,564)	5,196	(5,247)	Total before tax
	(393)	131	(803)	475	Tax
	\$ 2,275	\$ (2,433)	\$ 4,393	\$ (4,772)	Net of tax
Amortization of pension components					
Transition obligation	\$ —	\$ 2	\$ —	\$ 4	(a)
Prior service credit	—	1	—	1	(a)
Actuarial losses	254	407	511	832	(a)
	254	410	511	837	Total before tax
	(63)	(99)	(126)	(202)	Tax
	\$ 191	\$ 311	\$ 385	\$ 635	Net of tax
Total amounts reclassified out of accumulated other comprehensive income (loss), net of tax					
	\$ 2,466	\$ (2,122)	\$ 4,778	\$ (4,137)	

(a) The amortization of pension components is included in the computation of net periodic pension cost. For further information see Note 11, *Retirement Plans*, in the Notes to Consolidated Financial Statements in Item 8 of the Annual Report on Form 10-K for the fiscal year ended November 3, 2018.

The Company estimates \$2.3 million, net of tax, of losses of forward foreign currency derivative instruments included in OCI will be reclassified into earnings within the next 12 months. There was no material ineffectiveness recorded within OCI related to designated forward foreign currency derivative instruments in the three- and six-month periods ended May 4, 2019 and May 5, 2018.

As of May 4, 2019, the Company held 10 investment securities, 1 of which was in an unrealized loss position with immaterial gross unrealized losses and an aggregate fair value of \$25.0 million. As of November 3, 2018, the Company held 15 investment securities, 15 of which were in an unrealized loss position with immaterial gross unrealized losses and an aggregate fair value of \$205.0 million. These unrealized losses were primarily related to corporate obligations that earn lower interest rates than current market rates. None of these investments have been in a loss position for more than twelve months. As the Company does not intend to sell these investments and it is unlikely that the Company will be required to sell the investments before recovery of their amortized basis, which will be at maturity, the Company does not consider those investments to be other-than-temporarily impaired at May 4, 2019 and November 3, 2018.

Realized gains or losses on investments are determined based on the specific identification basis and are recognized in nonoperating expense (income). There were no material net realized gains or losses from the sales of available-for-sale investments during any of the fiscal periods presented.

Note 5 – Earnings Per Share

Unvested restricted stock awards that entitle recipients to voting and nonforfeitable dividend rights from the date of grant are considered participating securities and the two-class method is used for purposes of calculating earnings per share. Under the two-class method, a portion of net income is allocated to these participating securities and therefore is excluded from the

calculation of earnings per share allocated to common stock, as shown in the table below. The difference between the income allocated to participating securities under the basic and diluted two-class methods is not material.

The following table sets forth the computation of basic and diluted earnings per share:

	Three Months Ended		Six Months Ended	
	May 4, 2019	May 5, 2018 (1)	May 4, 2019	May 5, 2018 (1)
Net Income	\$ 367,937	\$ 400,328	\$ 722,943	\$ 693,568
Less: income allocated to participating securities	908	1,532	1,932	2,827
Net income allocated to common stockholders	\$ 367,029	\$ 398,796	\$ 721,011	\$ 690,741
Basic shares:				
Weighted-average shares outstanding	369,246	370,384	368,974	369,685
Earnings per common share basic:	\$ 0.99	\$ 1.08	\$ 1.95	\$ 1.87
Diluted shares:				
Weighted-average shares outstanding	369,246	370,384	368,974	369,685
Assumed exercise of common stock equivalents	4,096	4,394	3,938	4,745
Weighted-average common and common equivalent shares	373,342	374,778	372,912	374,430
Earnings per common share diluted:	\$ 0.98	\$ 1.06	\$ 1.93	\$ 1.84
Anti-dilutive shares related to:				
Outstanding share-based awards	432	1,990	1,222	1,731

(1) Balances have been restated to reflect the full retrospective adoption of ASU 2014-09. See Note 1, *Basis of Presentation*, in these Notes to Condensed Consolidated Financial Statements.

Note 6 – Special Charges

The Company monitors global macroeconomic conditions on an ongoing basis and continues to assess opportunities for improved operational effectiveness and efficiency, as well as a better alignment of expenses with revenues. As a result of these assessments, the Company has undertaken various restructuring actions over the past several years. These actions are described below.

The following table is a roll-forward from November 3, 2018 to May 4, 2019 of the employee separation and exit cost accruals established related to these actions:

<u>Accrued Restructuring</u>	<u>Closure of Manufacturing Facilities</u>	<u>Reduction of Operating Costs Action</u>	<u>Early Retirement Action</u>	<u>Repositioning Action</u>
Balance at November 3, 2018	\$ 42,974	\$ 5,255	\$ 9,897	\$ —
First quarter fiscal 2019 special charges	1,127	—	—	20,655
Severance and other payments	—	(2,489)	(2,766)	(1,051)
Non-cash impairment charge	—	—	—	(4,367)
Effect of foreign currency on accrual	(14)	4	—	(2)
Balance at February 2, 2019	\$ 44,087	\$ 2,770	\$ 7,131	\$ 15,235
Second quarter fiscal 2019 special charges	4,593	—	—	3,569
Severance and other payments	—	(909)	(1,641)	(3,782)
Effect of foreign currency on accrual	(18)	—	—	(9)
Balance at May 4, 2019	\$ 48,662	\$ 1,861	\$ 5,490	\$ 15,013
Current - accrued liabilities	\$ —	\$ 1,861	\$ 5,490	\$ 15,013
Other non-current liabilities	\$ 48,662	\$ —	\$ —	\$ —

Repositioning Action

During the first and second quarters of fiscal 2019, the Company recorded special charges of \$20.7 million and \$3.6 million, respectively, as a result of organizational initiatives to reposition the Company's global workforce skill set to align with the Company's long-term strategic plan. Approximately \$19.8 million of the total charges for the first and second quarters of fiscal 2019 were for severance and fringe benefit costs in accordance with either the Company's ongoing benefit plan or statutory requirements for 140 engineering and selling, marketing, general and administrative (SMG&A) employees. As of May 4, 2019, the Company still employed 68 of the 140 employees included in this action. These employees must continue to be employed by the Company until their employment is involuntarily terminated in order to receive the severance benefits. The remaining \$4.4 million of the charges related to the write off of acquired intellectual property during the first quarter of fiscal 2019 due to the Company's decision to discontinue certain product development strategies.

Closure of Manufacturing Facilities

The Company recorded special charges of \$48.7 million on a cumulative basis through May 4, 2019 as a result of its decision to consolidate certain wafer and test facility operations acquired as part of the acquisition of Linear Technology Corporation (Linear). Over the next two to four years, the Company plans to close its Hillview wafer fabrication facility located in Milpitas, California and its Singapore test facility. The Company intends to transfer Hillview wafer fabrication production to its other internal facilities and to external foundries. In addition, the Company is planning to transition testing operations currently handled in its Singapore facility to its facilities in Penang, Malaysia and the Philippines, in addition to its outsourced assembly and test partners. The special charges include severance and fringe benefit costs, in accordance with the Company's ongoing benefit plan or statutory requirements at foreign locations, and one-time termination benefits for 1,249 manufacturing, engineering and SMG&A employees.

Employees included in this action must continue to be employed by the Company until their employment is terminated in order to receive the severance benefits.

Note 7 – Segment Information

The Company designs, develops, manufactures and markets a broad range of integrated circuits (ICs). The Company operates and tracks its results in one reportable segment based on the aggregation of eight operating segments. The Chief Executive Officer has been identified as the Company's Chief Operating Decision Maker.

Revenue Trends by End Market

The following table summarizes revenue by end market for the three- and six-month periods ended May 4, 2019 and May 5, 2018. The categorization of revenue by end market is determined using a variety of data points including the technical characteristics of the product, the "sold to" customer information, the "ship to" customer information and the end customer product or application into which the Company's product will be incorporated. As data systems for capturing and tracking this data evolve and improve, the categorization of products by end market can vary over time. When this occurs, the Company reclassifies revenue by end market for prior periods. Such reclassifications typically do not materially change the sizing of, or the underlying trends of results within, each end market.

	Three Months Ended				
	May 4, 2019			May 5, 2018	
	Revenue	% of Revenue*	Y/Y%	Revenue (1)	% of Revenue*
Industrial	\$ 763,455	50%	(6)%	\$ 810,732	52%
Automotive	249,765	16%	— %	250,919	16%
Consumer	153,745	10%	(32)%	227,077	15%
Communications	359,637	24%	31 %	274,774	18%
Total revenue	\$ 1,526,602	100%	(2)%	\$ 1,563,502	100%

	Six Months Ended				
	May 4, 2019			May 5, 2018	
	Revenue	% of Revenue*	Y/Y%	Revenue (1)	% of Revenue*
Industrial	\$ 1,488,077	49%	(6)%	\$ 1,590,445	51%
Automotive	511,319	17%	(1)%	515,791	16%
Consumer	362,966	12%	(26)%	491,711	16%
Communications	705,341	23%	32 %	532,425	17%
Total revenue	\$ 3,067,703	100%	(2)%	\$ 3,130,372	100%

* The sum of the individual percentages may not equal the total due to rounding.

(1) Balances have been restated to reflect the full retrospective adoption of ASU 2014-09. See Note 1, *Basis of Presentation*, in these Notes to Condensed Consolidated Financial Statements.

Revenue by Sales Channel

The Company sells its products globally through a direct sales force, third party distributors, independent sales representatives and via its website. Distributors are customers that buy products with the intention of reselling them. Direct customers are non-distributor customers and consist primarily of original equipment manufacturers (OEMs). Other customers include the U.S. government, government prime contractors and some commercial customers. The following tables summarize revenue by channel for the three- and six-month periods ended May 4, 2019 and May 5, 2018:

Channel	Three Months Ended			
	May 4, 2019		May 5, 2018	
	Revenue	% of Revenue*	Revenue (1)	% of Revenue*
Distributors	\$ 871,510	57%	\$ 869,277	56%
Direct customers	638,277	42%	675,188	43%
Other	16,815	1%	19,037	1%
Total revenue	\$ 1,526,602	100%	\$ 1,563,502	100%

Channel	Six Months Ended			
	May 4, 2019		May 5, 2018	
	Revenue	% of Revenue*	Revenue (1)	% of Revenue*
Distributors	\$ 1,700,753	55%	\$ 1,734,289	55%
Direct customers	1,333,766	43%	1,348,591	43%
Other	33,184	1%	47,492	2%
Total revenue	\$ 3,067,703	100%	\$ 3,130,372	100%

* The sum of the individual percentages may not equal the total due to rounding.

(1) Balances have been restated to reflect the full retrospective adoption of ASU 2014-09. See Note 1, *Basis of Presentation*, in these Notes to Condensed Consolidated Financial Statements.

Note 8 – Fair Value

The Company defines fair value as the price that would be received to sell an asset or be paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Company applies the following fair value hierarchy, which prioritizes the inputs used to measure fair value into three levels and bases the categorization within the hierarchy upon the lowest level of input that is available and significant to the fair value measurement. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements).

Level 1 — Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the reporting entity has the ability to access at the measurement date.

Level 2 — Level 2 inputs are inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly. If the asset or liability has a specified (contractual) term, a Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 — Level 3 inputs are unobservable inputs for the asset or liability in which there is little, if any, market activity for the asset or liability at the measurement date.

The tables below, set forth by level, presents the Company's financial assets and liabilities, excluding accrued interest components that were accounted for at fair value on a recurring basis as of May 4, 2019 and November 3, 2018. The tables exclude cash on hand and assets and liabilities that are measured at historical cost or any basis other than fair value. As of May 4, 2019 and November 3, 2018, the Company held \$233.6 million and \$217.6 million, respectively, of cash and held-to-maturity investments that were excluded from the tables below.

	May 4, 2019		
	Fair Value measurement at Reporting Date using:		Total
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	
Assets			
Cash equivalents:			
Available-for-sale:			
Government and institutional money market funds	\$ 370,220	\$ —	\$ 370,220
Corporate obligations (1)	—	109,819	109,819
Other assets:			
Deferred compensation investments	43,720	—	43,720
Total assets measured at fair value	\$ 413,940	\$ 109,819	\$ 523,759
Liabilities			
Forward foreign currency exchange contracts (2)	—	3,542	3,542
Interest rate derivatives	—	51,644	51,644
Total liabilities measured at fair value	\$ —	\$ 55,186	\$ 55,186

(1) The amortized cost of the Company's investments classified as available-for-sale as of May 4, 2019 was \$109.8 million.

(2) The Company has master netting arrangements by counterparty with respect to derivative contracts. See Note 9, *Derivatives*, in these Notes to Condensed Consolidated Financial Statements for more information related to the Company's master netting arrangements.

	November 3, 2018		
	Fair Value measurement at Reporting Date using:		
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Total
Assets			
Cash equivalents:			
Available-for-sale:			
Government and institutional money market funds	\$ 394,076	\$ —	\$ 394,076
Corporate obligations (1)	—	204,886	204,886
Other assets:			
Deferred compensation investments	41,001	—	41,001
Interest rate derivatives	—	1,436	1,436
Total assets measured at fair value	\$ 435,077	\$ 206,322	\$ 641,399
Liabilities			
Forward foreign currency exchange contracts (2)	—	7,150	7,150
Total liabilities measured at fair value	\$ —	\$ 7,150	\$ 7,150

(1) The amortized cost of the Company's investments classified as available-for-sale as of November 3, 2018 was \$205.0 million.

(2) The Company has master netting arrangements by counterparty with respect to derivative contracts. See Note 9, *Derivatives*, in these Notes to Condensed Consolidated Financial Statements for more information related to the Company's master netting arrangements.

The following methods and assumptions were used by the Company in estimating its fair value disclosures for financial instruments:

Cash equivalents — These investments are adjusted to fair value based on quoted market prices or are determined using a yield curve model based on current market rates.

Deferred compensation plan investments — The fair value of these mutual fund, money market fund and equity investments are based on quoted market prices.

Interest rate derivatives — The fair value of the interest rate derivatives is estimated using a discounted cash flow analysis based on the contractual terms of the derivative.

Forward foreign currency exchange contracts — The estimated fair value of forward foreign currency exchange contracts, which includes derivatives that are accounted for as cash flow hedges and those that are not designated as cash flow hedges, is based on the estimated amount the Company would receive if it sold these agreements at the reporting date taking into consideration current interest rates as well as the creditworthiness of the counterparty for assets and the Company's creditworthiness for liabilities. The fair value of these instruments is based upon valuation models using current market information such as strike price, spot rate, maturity date and volatility.

Financial Instruments Not Recorded at Fair Value on a Recurring Basis

The table below presents the estimated fair value of certain financial instruments not recorded at fair value on a recurring basis. The carrying amounts of the term loans approximate fair value. The term loans are classified as Level 2 measurements according to the fair value hierarchy. The fair values of the senior unsecured notes are obtained from broker prices and are classified as Level 1 measurements according to the fair value hierarchy. See Note 10, *Debt*, in these Notes to Condensed Consolidated Financial Statements for further discussion related to outstanding debt.

	May 4, 2019		November 3, 2018	
	Principal Amount Outstanding	Fair Value	Principal Amount Outstanding	Fair Value
3-Year term loan, due March 2020	\$ 75,000	\$ 75,000	\$ 425,000	\$ 425,000
5-Year term loan, due March 2022	1,350,000	1,350,000	1,350,000	1,350,000
2.85% Senior unsecured notes, due March 2020	300,000	300,113	300,000	298,147
2.90% Senior unsecured notes, due January 2021	450,000	450,564	450,000	444,568
2.50% Senior unsecured notes, due December 2021	400,000	396,406	400,000	386,375
2.875% Senior unsecured notes, due June 2023	500,000	495,695	500,000	479,189
3.125% Senior unsecured notes, due December 2023	550,000	554,447	550,000	529,120
3.90% Senior unsecured notes, due December 2025	850,000	874,714	850,000	829,611
3.50% Senior unsecured notes, due December 2026	900,000	903,740	900,000	848,027
4.50% Senior unsecured notes, due December 2036	250,000	251,900	250,000	232,627
5.30% Senior unsecured notes, due December 2045	400,000	452,299	400,000	407,984
Total debt	\$ 6,025,000	\$ 6,104,878	\$ 6,375,000	\$ 6,230,648

Note 9 – Derivatives

Foreign Exchange Exposure Management — The Company enters into forward foreign currency exchange contracts to offset certain operational and balance sheet exposures from the impact of changes in foreign currency exchange rates. Such exposures result from the portion of the Company's operations, assets and liabilities that are denominated in currencies other than the U.S. dollar, primarily the Euro; other significant exposures include the Philippine Peso, the Japanese Yen and the British Pound. These foreign currency exchange contracts are entered into to support transactions made in the normal course of business, and accordingly, are not speculative in nature. The contracts are for periods consistent with the terms of the underlying transactions, generally one year or less. Hedges related to anticipated transactions are designated and documented at the inception of the respective hedges as cash flow hedges and are qualitatively evaluated for effectiveness quarterly. Derivative instruments are employed to eliminate or minimize certain foreign currency exposures that can be confidently identified and quantified. As the terms of the contract and the underlying transaction are matched at inception, forward contract effectiveness is calculated by comparing the change in fair value of the contract to the change in the forward value of the anticipated transaction, with the gain or loss on the derivative reported as a component of accumulated OCI in shareholders' equity and reclassified into earnings in the same period during which the hedged transaction affects earnings.

The total notional amounts of forward foreign currency derivative instruments designated as hedging instruments of cash flow hedges denominated in Euros, British Pounds, Philippine Pesos and Japanese Yen as of May 4, 2019 and November 3, 2018 was \$197.4 million and \$194.4 million, respectively. The fair values of forward foreign currency derivative instruments designated as hedging instruments in the Company's condensed consolidated balance sheets as of May 4, 2019 and November 3, 2018 was as follows:

	Balance Sheet Location	Fair Value At	
		May 4, 2019	November 3, 2018
Forward foreign currency exchange contracts	Accrued liabilities	\$ 3,297	\$ 6,934

Additionally, the Company enters into forward foreign currency contracts that economically hedge the gains and losses generated by the re-measurement of certain recorded assets and liabilities in a non-functional currency. Changes in the fair value of these undesignated hedges are recognized in other (income) expense immediately as an offset to the changes in the fair value of the asset or liability being hedged. As of May 4, 2019 and November 3, 2018, the total notional amount of these undesignated hedges was \$80.6 million and \$40.6 million, respectively. The fair value of these hedging instruments in the Company's condensed consolidated balance sheets was immaterial as of May 4, 2019 and November 3, 2018.

All the Company's derivative financial instruments are eligible for netting arrangements that allow the Company and its counterparties to net settle amounts owed to each other. Derivative assets and liabilities that can be net settled under these arrangements have been presented in the Company's condensed consolidated balance sheet on a net basis. As of May 4, 2019 and November 3, 2018, none of the netting arrangements involved collateral.

The following table presents the gross amounts of the Company's derivative assets and liabilities and the net amounts recorded in the Company's condensed consolidated balance sheet:

	May 4, 2019	November 3, 2018
Gross amount of recognized liabilities	\$ (5,109)	\$ (8,054)
Gross amounts of recognized assets offset in the condensed consolidated balance sheet	1,567	904
Net liabilities presented in the condensed consolidated balance sheet	\$ (3,542)	\$ (7,150)

Interest Rate Exposure Management — The Company's current and future debt may be subject to interest rate risk. The Company utilizes interest rate derivatives to alter interest rate exposure in an attempt to reduce the effects of these changes. In the first quarter of fiscal 2019, the Company entered into an interest rate swap agreement which locked in the interest rate for up to \$1.0 billion in future debt issuances. The interest rate swap agreement was designated and qualified as a cash flow hedge. The fair value of this hedge was \$51.6 million as of May 4, 2019 and is included within accrued liabilities in the Company's condensed consolidated balance sheets.

The market risk associated with the Company's derivative instruments results from currency exchange rate or interest rate movements that are expected to offset the market risk of the underlying transactions, assets and liabilities being hedged. The counterparties to the agreements relating to the Company's derivative instruments consist of a number of major international financial institutions with high credit ratings. Based on the credit ratings of the Company's counterparties as of May 4, 2019 and November 3, 2018, nonperformance is not perceived to be a material risk. Furthermore, none of the Company's derivatives are subject to collateral or other security arrangements and none contain provisions that are dependent on the Company's credit ratings from any credit rating agency. While the contract or notional amounts of derivative financial instruments provide one measure of the volume of these transactions, they do not represent the amount of the Company's exposure to credit risk. The amounts potentially subject to credit risk (arising from the possible inability of counterparties to meet the terms of their contracts) are generally limited to the amounts, if any, by which the counterparties' obligations under the contracts exceed the obligations of the Company to the counterparties. As a result of the above considerations, the Company does not consider the risk of counterparty default to be significant.

The Company records the fair value of its derivative financial instruments in its condensed consolidated financial statements in other current assets, other assets, accrued liabilities and other non-current liabilities, depending on their net position, regardless of the purpose or intent for holding the derivative contract. Changes in the fair value of the derivative financial instruments are either recognized periodically in earnings or in shareholders' equity as a component of OCI. Changes in the fair value of cash flow hedges are recorded in OCI and reclassified into earnings in the same line item on the condensed consolidated statement of income as the impact of the hedged transaction when the underlying contract matures and, for interest rate exposure derivatives, over the term of the corresponding debt instrument. Changes in the fair values of derivatives not qualifying for hedge accounting are reported in earnings as they occur.

For information on the unrealized holding gains (losses) on derivatives included in and reclassified out of accumulated other comprehensive income into the condensed consolidated statement of income related to forward foreign currency exchange contracts, see Note 4, *Accumulated Other Comprehensive Income (Loss)*, in these Notes to Condensed Consolidated Financial Statements for further information.

Note 10 – Debt

The Company has a senior unsecured revolving credit facility with certain institutional lenders that expires on July 10, 2020. The agreement for such revolving credit facility (the Credit Agreement) provides that the Company may borrow up to \$1.0 billion. In December 2018, the Company borrowed \$75.0 million under this revolving credit facility and utilized the proceeds for the repayment of existing indebtedness and working capital requirements. The Company repaid the \$75 million plus interest of \$0.2 million in January 2019. The Company may borrow under this revolving credit facility in the future and use the proceeds for repayment of existing indebtedness, stock repurchases, acquisitions, capital expenditures, working capital and other lawful corporate purposes.

During the six-month period ended May 4, 2019, the Company made additional principal payments of \$350.0 million on its 3-year unsecured term loan. These amounts were not contractually due under the terms of the loan.

Note 11 – Inventories

Inventories at May 4, 2019 and November 3, 2018 were as follows:

	May 4, 2019	November 3, 2018
Raw materials	\$ 35,853	\$ 30,511
Work in process	400,724	375,908
Finished goods	171,508	180,341
Total inventories	<u>\$ 608,085</u>	<u>\$ 586,760</u>

Note 12 – Income Taxes

The Tax Cuts and Jobs Act of 2017 (Tax Legislation), enacted in December 2017, contains significant changes to U.S. tax law, including lowering the U.S. corporate income tax rate to 21.0%, implementing a territorial tax system, and imposing a one-time tax on deemed repatriated earnings of foreign subsidiaries.

The Tax Legislation reduced the U.S. statutory tax rate from 35.0% to 21.0%, effective January 1, 2018, which resulted in a blended statutory income tax rate for the Company of 23.4% for fiscal 2018. For fiscal 2019, the Company's U.S. statutory income tax rate was reduced to the statutory income tax rate of 21.0%.

In fiscal 2018, the Company recorded a provisional tax benefit of \$637.0 million for the re-measurement of deferred tax assets and liabilities based on the rates to which they are expected to reverse in the future, which is generally 21.0%.

The Tax Legislation also implemented a territorial tax system. As part of transitioning to the territorial tax system, the Tax Legislation included a one-time transition tax based on the Company's total post-1986 undistributed foreign earnings and profits that were previously deferred from U.S. income tax. In fiscal 2018, the Company recorded a provisional tax expense amount for the one-time transition tax of \$691.0 million, which is comprised of the \$755.0 million transition tax liability less a deferred tax liability of \$64.0 million that was recorded in prior years. In the first quarter of fiscal 2019, the Company adjusted its provisional net charge by recording an additional tax benefit of \$7.5 million for a change to its estimate for the transition tax due to the finalization of the aggregate foreign cash positions.

The Tax Legislation subjects U.S. corporations to tax on its global intangible low-taxed income (GILTI). Under U.S. GAAP, an accounting policy election can be made to either treat taxes due on the GILTI inclusion as a current period expense or to recognize deferred taxes for temporary basis differences expected to reverse as GILTI in future years. The Company elected the deferral method and recorded the corresponding GILTI deferred tax assets and liabilities on its consolidated balance sheet.

The Company completed its accounting for the income tax effects of the Tax Legislation during the first quarter of 2019, in accordance with the U.S. Securities and Exchange Commission Staff Accounting Bulletin No. 118. As of May 4, 2019, the U.S. Treasury Department and the Internal Revenue Service (IRS) are still in the process of issuing various regulations relating to the Tax Legislation. Furthermore, there is a possibility that Congress could enact technical corrections to the Tax Legislation in the future. Accordingly, future adjustments to the financial statements may be necessary as the regulations are issued and when the Company files its fiscal 2018 tax returns with the IRS and foreign tax authorities.

In October 2016, the FASB issued ASU 2016-16, *Income Taxes* (Topic 740) (ASU 2016-16). ASU 2016-16 requires an entity to recognize the income tax consequences of an intra-entity transfer of an asset, other than inventory, when the transfer occurs. ASU 2016-16 is effective for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. The Company adopted ASU 2016-16 in the first quarter of fiscal 2019 using the modified retrospective method with a cumulative-effect adjustment directly to retained earnings. The Company adopted the guidance effective as of November 4, 2018. The adoption of ASU 2016-16 resulted in a net cumulative-effect adjustment that resulted in an increase in retained earnings of \$331.0 million, by recording new deferred tax assets from intra-entity transfers involving assets other than inventory, partially offset by a U.S. deferred tax liability related to GILTI. Adoption of the standard resulted in an increase in long-term deferred tax assets of \$1.7 billion and an increase in long-term deferred tax liabilities of \$1.3 billion.

The Company has numerous income tax audits ongoing at any time throughout the world, including an Internal Revenue Service audit for Linear's pre-acquisition fiscal years 2015, 2016 and 2017, various U.S. state and local tax audits, and international audits including the transfer pricing audit in Ireland discussed below.

Except for the Linear pre-acquisition audit, the Company's U.S. federal tax returns prior to fiscal year 2015 are no longer subject to examination.

The Company's Ireland tax returns prior to fiscal 2013 are no longer subject to examination. During the fourth quarter of fiscal 2018, the Company's Irish tax resident subsidiary received an assessment for fiscal 2013 of approximately €43.0 million, or \$48.2 million (as of May 4, 2019), from the Irish Revenue Commissioners (Irish Revenue). This assessment excludes any penalties and interest. The assessment claims that the Company's Irish entity failed to conform to 2010 OECD Transfer Pricing Guidelines. The Company strongly disagrees with the assessment and maintains that its transfer pricing is appropriate. Therefore, the Company has not recorded any additional tax liability related to fiscal 2013 or any other periods. The Company intends to vigorously defend its originally filed tax return position and is currently preparing for an appeal with the Irish Tax Appeals Commission, which is the normal process for the resolution of differences between Irish Revenue and taxpayers. If Irish Revenue were ultimately to prevail with respect to its assessment for fiscal 2013, such assessment and any potential impact related to years subsequent to 2013 could have a material unfavorable impact on the Company's income tax expense and net earnings in future periods. Irish Revenue has also commenced a transfer pricing audit of fiscal 2014 through 2017.

Although the Company believes that its estimates of income taxes payable are reasonable, no assurance can be given that the Company will prevail in the matters raised or that the outcome of one or all of these matters will not be different than that which is reflected in the historical income tax provisions and accruals. The Company believes such differences would not have a material impact on the Company's financial condition.

Note 13 – New Accounting Pronouncements

Standards Implemented

Revenue Recognition

In May 2014, the FASB issued ASU 2014-09, which supersedes nearly all existing revenue recognition guidance under U.S. GAAP. The core principle of ASU 2014-09 is that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. Additionally, the guidance requires improved disclosures to help users of financial statements better understand the nature, amount, timing, and uncertainty of revenue and cash flows arising from contracts with customers. The FASB issued several amendments and updates to the new revenue standard, including guidance related to when an entity should recognize revenue gross as a principal or net as an agent and how an entity should identify performance obligations. The Company adopted ASU 2014-09 in the first quarter of fiscal 2019 using the full retrospective method and restated prior periods. As a result of the adoption of ASU 2014-09 the Company changed its accounting policy for revenue recognition. See Note 1, *Basis of Presentation*, and Note 2, *Revenue Recognition*, in these Notes to Condensed Consolidated Financial Statements for details of the impact of ASU 2014-09 on the Company's financial statements.

Income Taxes

In October 2016, the FASB issued ASU 2016-16, *Income Taxes (Topic 740)* (ASU 2016-16). ASU 2016-16 requires an entity to recognize the income tax consequences of an intra-entity transfer of an asset, other than inventory, when the transfer occurs. ASU 2016-16 is effective for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. The Company adopted ASU 2016-16 in the first quarter of fiscal 2019 using the modified retrospective method with a cumulative-effect adjustment directly to retained earnings. The adoption of ASU 2016-16 resulted in a net cumulative-effect adjustment that resulted in an increase in retained earnings of \$331.0 million, by recording new deferred tax assets from intra-entity transfers involving assets other than inventory, partially offset by a U.S. deferred tax liability related to GILTI. Adoption of the standard resulted in an increase in long-term deferred tax assets of \$1.7 billion and an increase in long-term deferred tax liabilities of \$1.3 billion.

Other

The following standards were adopted during the first quarter of fiscal 2019 and did not have a material impact on the Company's financial position and results of operations:

- ASU 2017-01, *Business Combinations (Topic 805) Clarifying the Definition of a Business*.
- ASU 2016-15, *Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments*.
- ASU 2016-01, *Financial Instruments-Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities*.
- ASU 2017-09, *Compensation-Stock Compensation (Topic 718): Scope of Modification Accounting*.
- ASU 2017-07, *Improving the Presentation of Net Period Pension Cost and Net Period Postretirement Benefit Cost*.

Standards to Be Implemented

Comprehensive Income

In February 2018, the FASB issued ASU 2018-02, *Income Statement - Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income* (ASU 2018-02). ASU 2018-02 allows for reclassification of stranded tax effects resulting from the Tax Legislation from accumulated other comprehensive income to retained earnings. ASU 2018-02 is effective for fiscal years beginning after December 15, 2018, with early adoption permitted. ASU 2018-02 is effective for the Company in the first quarter of the fiscal year ending October 31, 2020 (fiscal 2020). The Company is currently evaluating the adoption date and the impact, if any, adoption will have on its financial position and results of operations.

Leases

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)* (ASU 2016-02). ASU 2016-02 requires a lessee to recognize most leases on the balance sheet but recognize expenses on the income statement in a manner similar to current practice. The update states that a lessee will recognize a lease liability for the obligation to make lease payments and a right-to-use asset for the right to use the underlying assets for the lease term. Leases will continue to be classified as either financing or operating, with classification affecting the recognition, measurement and presentation of expenses and cash flows arising from a lease. In January 2018, the FASB issued ASU 2018-01, *Leases (Topic 842): Land Easement Practical Expedient for Transition to Topic 842* (ASU 2018-01). ASU 2018-01 permits an entity to elect an optional transition practical expedient to not evaluate land easements that exist or expired before the entity's adoption of Topic 842 and that were not previously accounted for as leases under Topic 840. In July 2018, the FASB issued ASU 2018-11, *Leases – Targeted Improvements (Topic 842)* (ASU 2018-11), which provides for an additional transition method that allows companies to apply the new lease standard at the adoption date, eliminating the requirement to apply the standard to the earliest period presented in the financial statements.

ASU 2016-02, ASU 2018-01 and ASU 2018-11 are effective for financial statements issued for fiscal years beginning after December 15, 2018, and interim periods within those fiscal years. ASU 2016-02 and ASU 2018-01 are effective for the Company in the first quarter of fiscal 2020. The Company is currently evaluating the impact adoption will have on its financial position and results of operations and expects that there will be an increase in assets and liabilities on the Consolidated Balance Sheets at adoption due to the recognition of right-of-use assets and related lease liabilities. The Company does not expect the adoption of ASU 2016-02, ASU 2018-01 and ASU 2018-11 to have a material impact on its results of operations.

Retirement Benefits

In August 2018, the FASB issued ASU 2018-14, *Compensation-Retirement Benefits-Defined Benefit Plans-General (Topic 715-20): Disclosure Framework-Changes to the Disclosure Requirements for Defined Benefit Plans* (ASU 2018-14), which modifies the disclosure requirements for defined benefit pension plans and other post-retirement plans. ASU 2018-14 is effective for fiscal years ending after December 15, 2020, with early adoption permitted. ASU 2018-14 is effective for the Company in the first quarter of the fiscal year ending October 30, 2021 (fiscal 2021). The Company is currently evaluating the adoption date. The adoption of ASU 2018-14 will modify the Company's disclosures for defined benefit plans and other post-retirement plans but is not expected to impact its financial position or results of operations.

Financial Instruments

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments - Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments* (ASU 2016-13). ASU 2016-13 requires a financial asset (or group of financial assets) measured at amortized cost basis to be presented at the net amount expected to be collected. The allowance for credit losses is a valuation account that is deducted from the amortized cost basis of the financial asset(s) to present the net carrying value at the amount expected to be collected on the financial asset. ASU 2016-13 is effective for fiscal years beginning after December 15, 2019, and for interim periods within those fiscal years. ASU 2016-13 is effective for the Company in the first quarter of fiscal 2021. The Company is currently evaluating the adoption date and the impact, if any, adoption will have on its financial position and results of operations.

Note 14 – Subsequent Events

On May 21, 2019, the Board of Directors of the Company declared a cash dividend of \$0.54 per outstanding share of common stock. The dividend will be paid on June 11, 2019 to all shareholders of record at the close of business on May 31, 2019 and is expected to total approximately \$199.7 million.

ITEM 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

This information should be read in conjunction with the unaudited condensed consolidated financial statements and related notes included in Part I, Item 1 of this Quarterly Report on Form 10-Q and the audited consolidated financial statements and related notes and Management's Discussion and Analysis of Financial Condition and Results of Operations in our Annual Report on Form 10-K for the fiscal year ended November 3, 2018 (fiscal 2018).

This Quarterly Report on Form 10-Q, including the following discussion, contains forward-looking statements regarding future events and our future results that are subject to the safe harbor created under the Private Securities Litigation Reform Act of 1995 and other safe harbors under the Securities Act of 1933 and the Securities Exchange Act of 1934. All statements other than statements of historical fact are statements that could be deemed forward-looking statements. These statements are based on current expectations, estimates, forecasts, and projections about the industries in which we operate and the beliefs and assumptions of our management. Words such as "expects," "anticipates," "targets," "goals," "projects," "intends," "plans," "believes," "seeks," "estimates," "continues," "may," "could" and "will," and variations of such words and similar expressions are intended to identify such forward-looking statements. In addition, any statements that refer to projections regarding our future financial performance; our anticipated growth and trends in our businesses; our future liquidity, capital needs and capital expenditures; our future market position and expected competitive changes in the marketplace for our products; our ability to pay dividends or repurchase stock; our ability to service our outstanding debt; our expected tax rate; the effect of changes in or the application of new or revised tax laws; the effect of new accounting pronouncements; our ability to successfully integrate acquired businesses and technologies, including the integration of the acquired business, operations and employees of Linear Technology Corporation (Linear); and other characterizations of future events or circumstances are forward-looking statements. Readers are cautioned that these forward-looking statements are only predictions and are inherently subject to risks, uncertainties, and assumptions that are difficult to predict, including those identified in Part II, Item 1A. "Risk Factors" and elsewhere herein. Therefore, actual results may differ materially and adversely from those expressed in any forward-looking statements. We undertake no obligation to revise or update any forward-looking statements, including to reflect events or circumstances occurring after the date of the filing of this report, except to the extent required by law.

Results of Operations

(all tabular amounts in thousands except per share amounts and percentages)

Overview

	Three Months Ended			
	May 4, 2019	May 5, 2018 (1)	\$ Change	% Change
Revenue	\$ 1,526,602	\$ 1,563,502	\$ (36,900)	(2)%
Gross margin %	67.7%	68.6%		
Net income	\$ 367,937	\$ 400,328	\$ (32,391)	(8)%
Net income as a % of revenue	24.1%	25.6%		
Diluted EPS	\$ 0.98	\$ 1.06	\$ (0.08)	(8)%

	Six Months Ended			
	May 4, 2019	May 5, 2018 (1)	\$ Change	% Change
Revenue	\$ 3,067,703	\$ 3,130,372	\$ (62,669)	(2)%
Gross margin %	67.6%	68.5%		
Net income	\$ 722,943	\$ 693,568	\$ 29,375	4 %
Net income as a % of revenue	23.6%	22.2%		
Diluted EPS	\$ 1.93	\$ 1.84	\$ 0.09	5 %

(1) Balances have been restated to reflect the full retrospective adoption of Accounting Standards Update (ASU) 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09). See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q.

The fiscal year ending November 2, 2019 (fiscal 2019) is a 52-week year and the fiscal year ended November 3, 2018 (fiscal 2018) was a 53-week year. The additional week in fiscal 2018 was included in the first quarter ended February 3, 2018. Therefore, the first six months of fiscal 2019 included one less week of operations as compared to the first six months of fiscal 2018.

Revenue Trends by End Market

The following tables summarize revenue by end market for the three- and six-month periods ended May 4, 2019 and May 5, 2018. The categorization of revenue by end market is determined using a variety of data points including the technical characteristics of the product, the “sold to” customer information, the “ship to” customer information and the end customer product or application into which our product will be incorporated. As data systems for capturing and tracking this data evolve and improve, the categorization of products by end market can vary over time. When this occurs, we reclassify revenue by end market for prior periods. Such reclassifications typically do not materially change the sizing of, or the underlying trends of results within, each end market.

	Three Months Ended				
	May 4, 2019			May 5, 2018	
	Revenue	% of Revenue*	Y/Y%	Revenue (1)	% of Revenue*
Industrial	\$ 763,455	50%	(6)%	\$ 810,732	52%
Automotive	249,765	16%	— %	250,919	16%
Consumer	153,745	10%	(32)%	227,077	15%
Communications	359,637	24%	31 %	274,774	18%
Total revenue	\$ 1,526,602	100%	(2)%	\$ 1,563,502	100%

	Six Months Ended				
	May 4, 2019			May 5, 2018	
	Revenue	% of Revenue*	Y/Y%	Revenue (1)	% of Revenue*
Industrial	\$ 1,488,077	49%	(6)%	\$ 1,590,445	51%
Automotive	511,319	17%	(1)%	515,791	16%
Consumer	362,966	12%	(26)%	491,711	16%
Communications	705,341	23%	32 %	532,425	17%
Total revenue	\$ 3,067,703	100%	(2)%	\$ 3,130,372	100%

* The sum of the individual percentages may not equal the total due to rounding.

(1) Balances have been restated to reflect the full retrospective adoption ASU 2014-09. See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q.

Industrial end market revenues decreased in the three-month period ended May 4, 2019, as compared to the same period of the prior fiscal year, primarily as a result of a decrease in demand for products sold into the automation and memory test sectors of this end market, partially offset by an increase in demand for products sold into the aerospace and defense sector of this end market. Consumer end market revenues decreased in the three-month period ended May 4, 2019, as compared to the same period of the prior fiscal year as a result of decreased demand for products used in portable consumer applications.

Communications end market revenue increased in the three-month period ended May 4, 2019, as compared to the same period of the prior fiscal year, primarily as a result of an increase in demand for our products sold into the wireless sector and to a lesser extent wireline sector of this end market.

Industrial end market revenues decreased in the six-month period ended May 4, 2019, as compared to the same period of the prior fiscal year, as a result of one less week of operations in the first six months of fiscal 2019, as compared to the first six months of fiscal 2018, and a decrease in demand for products sold into the automation and memory test sectors of this end market, partially offset by an increase in demand for products sold into the aerospace and defense sector of this end market. Consumer end market revenues decreased in the six-month period ended May 4, 2019, as compared to the same period of the prior fiscal year as a result of decreased demand for products used in portable consumer applications and one less week of operations in the first six months of fiscal 2019 as compared to the first six months of fiscal 2018. Communications end market revenue increased in the six-month period ended May 4, 2019, as compared to the same period of the prior fiscal year, as a result of an increase in demand for our products sold into the wireless sector and to a lesser extent wireline sector of this end market, partially offset by one less week of operations in the first six months of fiscal 2019 as compared to the first six months of fiscal 2018.

Revenue by Sales Channel

We sell our products globally through a direct sales force, third party distributors, independent sales representatives and via our website. Distributors are customers that buy products with the intention of reselling them. Direct customers are non-distributor customers and consist primarily of original equipment manufacturers (OEMs). Other customers include the U.S. government, government prime contractors and some commercial customers. The following table summarizes revenue by channel for the three- and six-month periods ended May 4, 2019 and May 5, 2018:

Channel	Three Months Ended			
	May 4, 2019		May 5, 2018	
	Revenue	% of Revenue*	Revenue (1)	% of Revenue*
Distributors	871,510	57%	869,277	56%
Direct customers	638,277	42%	675,188	43%
Other	16,815	1%	19,037	1%
Total revenue	1,526,602	100%	1,563,502	100%

Channel	Six Months Ended			
	May 4, 2019		May 5, 2018	
	Revenue	% of Revenue*	Revenue (1)	% of Revenue*
Distributors	1,700,753	55%	1,734,289	55%
Direct customers	1,333,766	43%	1,348,591	43%
Other	33,184	1%	47,492	2%
Total revenue	3,067,703	100%	3,130,372	100%

* The sum of the individual percentages may not equal the total due to rounding.

(1) Balances have been restated to reflect the full retrospective adoption of ASU 2014-09. See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q.

Gross Margin

	Three Months Ended				Six Months Ended			
	May 4, 2019	May 5, 2018 (1)	\$ Change	% Change	May 4, 2019	May 5, 2018 (1)	\$ Change	% Change
Gross margin	\$ 1,034,092	\$ 1,072,390	\$ (38,298)	(4)%	\$ 2,073,748	\$ 2,144,073	\$ (70,325)	(3)%
Gross margin %	67.7%	68.6%			67.6%	68.5%		

(1) Balances have been restated to reflect the full retrospective adoption of ASU 2014-09. See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q.

Gross margin percentage decreased by 90 basis points in the three- and six-month periods ended May 4, 2019, as compared to the same periods of the prior fiscal year, primarily as a result of lower internal utilization of our wafer fabrication facilities and a higher concentration of our revenue from lower margin products.

Research and Development (R&D)

	Three Months Ended				Six Months Ended			
	May 4, 2019	May 5, 2018	\$ Change	% Change	May 4, 2019	May 5, 2018	\$ Change	% Change
R&D expenses	\$ 285,846	\$ 289,472	\$ (3,626)	(1)%	\$ 573,228	\$ 578,069	\$ (4,841)	(1)%
R&D expenses as a % of revenue	18.7%	18.5%			18.7%	18.5%		

R&D expenses remained relatively flat in the three-month period ended May 4, 2019, as compared to the same period of the prior fiscal year as decreases in variable compensation expense were partially offset by increases in operational spending and R&D employee and related benefit expenses.

R&D expenses remained relatively flat in the six-month period ended May 4, 2019, as compared to the same period of the prior fiscal year as decreases in variable compensation expense and one less week of operations in the first six months of fiscal 2019 as compared to the first six months of fiscal 2018 were partially offset by increases in operational spending and R&D employee and related benefit expenses.

R&D expenses as a percentage of revenue will fluctuate from year-to-year depending on the amount of revenue and the success of new product development efforts, which we view as critical to our future growth. We have hundreds of R&D projects underway, none of which we believe are material on an individual basis. We expect to continue the development of innovative technologies and processes for new products. We believe that a continued commitment to R&D is essential to maintain product leadership with our existing products as well as to provide innovative new product offerings. Therefore, we expect to continue to make significant R&D investments in the future.

Selling, Marketing, General and Administrative (SMG&A)

	Three Months Ended				Six Months Ended			
	May 4, 2019	May 5, 2018	\$ Change	% Change	May 4, 2019	May 5, 2018	\$ Change	% Change
SMG&A expenses	\$ 163,128	\$ 172,146	\$ (9,018)	(5)%	\$ 330,470	\$ 349,054	\$ (18,584)	(5)%
SMG&A expenses as a % of revenue	10.7%	11.0%			10.8%	11.2%		

SMG&A expenses decreased in the three month period ended May 4, 2019, as compared to the same period of the prior fiscal year, primarily as a result of decreases in variable compensation expense and acquisition-related costs, partially offset by increases in operational spending and SMG&A employee and related benefit expenses.

SMG&A expenses decreased in the six-month period ended May 4, 2019, as compared to the same period of the prior fiscal year, primarily as a result of decreases in variable compensation expense, acquisition-related costs and one less week of operations in the first six months of fiscal 2019 as compared to the first six months of fiscal 2018, partially offset by increases in operational spending and SMG&A employee and related benefit expenses.

Special Charges

We monitor global macroeconomic conditions on an ongoing basis and continue to assess opportunities for improved operational effectiveness and efficiency, as well as a better alignment of expenses with revenues. As a result of these assessments, we have undertaken various restructuring actions over the past several years.

During the first and second quarters of fiscal 2019, we recorded special charges of \$20.7 million and \$3.6 million, respectively, as a result of organizational initiatives to reposition our global workforce skill set to align with our long-term strategic plan. Approximately \$19.8 million of the charges for the first and second quarters of fiscal 2019 was for severance and fringe benefit costs in accordance with either our ongoing benefit plan or statutory requirements for 140 engineering and SMG&A employees. As of May 4, 2019, we still employed 68 of the 140 employees included in this action. These employees must continue to be employed by us until their employment is involuntarily terminated in order to receive the severance benefits. The remaining \$4.4 million of the charge related to the write off of acquired intellectual property during the first quarter of fiscal 2019 due to our discontinuance of certain product development strategies. We do not expect this action to result in any annual savings.

We recorded special charges of \$48.7 million on a cumulative basis through May 4, 2019 as a result of our decision to consolidate certain wafer and test facility operations acquired as part of the acquisition of Linear Technology Corporation (Linear) of which \$5.7 million was recorded in the first six months of fiscal 2019 related to one-time termination benefits for employees included in this action. These one-time termination benefits are being recognized over the future service period required for employees to earn these benefits. Employees included in this action must continue to be employed by us until their employment is terminated by us in order to receive the severance benefits.

See Note 6, *Special Charges*, of the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 in this Quarterly Report on Form 10-Q for further information.

Operating Income

	Three Months Ended				Six Months Ended			
	May 4, 2019	May 5, 2018	\$ Change	% Change	May 4, 2019	May 5, 2018	\$ Change	% Change
Operating income	\$ 469,695	\$ 502,554	\$ (32,859)	(7)%	\$ 925,521	\$ 944,395	\$ (18,874)	(2)%
Operating income as a % of revenue	30.8%	32.1%			30.2%	30.2%		

The year-over-year decrease in operating income in the three-month period ended May 4, 2019 was primarily the result of a \$38.3 million decrease in gross margin and a \$7.1 million increase in special charges, partially offset by a \$9.0 million decrease in SMG&A expenses and a \$3.6 million decrease in R&D expenses, as more fully described above under the headings *Gross Margin*, *Special Charges*, *Selling, Marketing, General and Administrative (SMG&A)* and *Research and Development (R&D)*.

The year-over-year decrease in operating income in the six-month period ended May 4, 2019 was primarily the result of a \$70.3 million decrease in gross margin, partially offset by a \$28.5 million decrease in special charges, a \$18.6 million decrease in SMG&A expenses and a \$4.8 million decrease in R&D expenses as more fully described above under the headings *Gross Margin*, *Special Charges*, *Selling, Marketing, General and Administrative (SMG&A)*, and *Research and Development (R&D)*.

Nonoperating Expense (Income)

	Three Months Ended			Six Months Ended		
	May 4, 2019	May 5, 2018	\$ Change	May 4, 2019	May 5, 2018	\$ Change
Interest expense	\$ 59,701	\$ 64,792	\$ (5,091)	\$ 118,429	\$ 132,822	\$ (14,393)
Interest income	(2,928)	(1,912)	(1,016)	(5,616)	(4,004)	(1,612)
Other, net	4,525	(451)	4,976	4,365	105	4,260
Total nonoperating expense (income)	\$ 61,298	\$ 62,429	\$ (1,131)	\$ 117,178	\$ 128,923	\$ (11,745)

The year-over-year decrease in nonoperating expense in the three- and six-month periods ended May 4, 2019 was primarily the result of a decrease in interest expense including lower amortized finance fees, which were accelerated as a result of principal repayments related to our 3-year term loan, partially offset by an increase in other, net expenses, primarily resulting from the impairment of an investment recognized in the second quarter of fiscal 2019.

Provision for Income Taxes

	Three Months Ended			Six Months Ended		
	May 4, 2019	May 5, 2018 (1)	\$ Change	May 4, 2019	May 5, 2018 (1)	\$ Change
Provision for income taxes	\$ 40,460	\$ 39,797	\$ 663	\$ 85,400	\$ 121,904	\$ (36,504)
Effective income tax rate	9.9%	9.0%		10.6%	14.9%	

(1) Balances have been restated to reflect the full retrospective adoption of ASU 2014-09. See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q.

Our effective tax rate reflects the applicable tax rate in effect in the various tax jurisdictions around the world where our income is earned. Our effective income tax rate can also be impacted each year by discrete factors or events.

The tax rate for the three- and six-month periods ended May 4, 2019 was below the U.S. statutory tax rate of 21% due to lower statutory tax rates applicable to our operations in the foreign jurisdictions in which we earn income and as a result of the foreign derived intangible income deduction (FDII), partially offset by the global intangible low-tax income (GILTI) tax. The tax rate for the six-month period also includes the effects of recording deferred tax benefits relating to a one-time set up of our GILTI deferred method election of \$5.1 million along with the completion of our accounting for the transition tax which yielded a \$7.5 million tax benefit. Our tax rate for the six-month period ended May 5, 2018 was below our then blended U.S. federal statutory tax rate of 23.4%, resulting from the passage of the Tax Cuts and Jobs Act of 2017 (Tax Legislation), primarily due to lower statutory tax rates applicable to our operations in the foreign jurisdictions in which we earn income. Additionally, our effective tax rate for the six-month period ended May 5, 2018 also included a provisional estimate for a discrete tax benefit of \$639.7 million from remeasuring our U.S. deferred tax liabilities at the lower 21% statutory tax rate. It also included a provisional estimate of the discrete tax charge of \$687.1 million from the Tax Legislation's one-time transition tax associated with our undistributed foreign earnings, comprised of a \$751.1 million transitional tax less a deferred tax liability of \$64.0 million recorded in prior years.

Additionally, we recorded discrete benefits for excess tax benefits from share-based payments of \$16.5 million and \$20.8 million in the three- and six-month periods ended May 4, 2019, compared to \$8.2 million and \$18.2 million in the three- and six-month periods ended May 5, 2018. The full year tax benefit from share-based payments was \$26.2 million in fiscal 2018.

Non-U.S. jurisdictions accounted for a significant portion of our total revenues for the six-month periods ended May 4, 2019 and May 5, 2018. This revenue generated outside of the U.S. results in a material portion of our pretax income being taxed outside the U.S. For the six-month period ended May 4, 2019 this pretax income was primarily in Ireland and Singapore, at tax rates ranging from 12.5% to 17% in these jurisdictions. For the six-month period ended May 5, 2018 this pretax income was primarily in Bermuda, Ireland and Singapore, at tax rates ranging from 0% to 12.5% in these jurisdictions.

See Note 12, *Income Taxes*, in the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q for further discussion.

Net Income

	Three Months Ended				Six Months Ended			
	May 4, 2019	May 5, 2018 (1)	\$ Change	% Change	May 4, 2019	May 5, 2018 (1)	\$ Change	% Change
Net Income	\$ 367,937	\$ 400,328	\$ (32,391)	(8)%	\$ 722,943	\$ 693,568	\$ 29,375	4%
Net Income as a % of revenue	24.1%	25.6%			23.6%	22.2%		
Diluted EPS	\$ 0.98	\$ 1.06			\$ 1.93	\$ 1.84		

(1) Balances have been restated to reflect the full retrospective adoption of ASU 2014-09. See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q.

Net income decreased in the three-month period ended May 4, 2019, as compared to the same period of the prior fiscal year, as a result of a \$32.9 million decrease in operating income and a \$0.7 million increase in provision for income taxes, partially offset by a \$1.1 million decrease in nonoperating expense.

Net income increased in the six-month period ended May 4, 2019 as compared to the same period of the prior fiscal year, as a result of a \$36.5 million decrease in provision for income taxes and a \$11.7 million decrease in nonoperating expense, partially offset by a \$18.9 million decrease in operating income.

Liquidity and Capital Resources

At May 4, 2019, our principal source of liquidity was \$713.6 million of cash and cash equivalents, of which approximately \$267.7 million was held in the United States. The balance of our cash and cash equivalents was held outside the United States in various foreign subsidiaries. We continue to assert our intent to reinvest substantially all of our foreign earnings indefinitely. As we intend to reinvest substantially all of our foreign earnings indefinitely, certain cash held outside the United States may not be available for repatriation as dividends to the United States in the future. If such funds are needed for U.S. operations, we would be required to accrue and pay foreign withholding taxes and U.S. state income taxes to the extent not already subject to taxation. Our cash and cash equivalents consist of highly liquid investments with maturities of three months or less, including money market funds. We maintain these balances with high credit quality counterparties, continually monitor the amount of credit exposure to any one issuer and diversify our investments in order to minimize our credit risk.

We believe that our existing sources of liquidity and cash expected to be generated from future operations, together with existing and anticipated available long-term financing, will be sufficient to fund operations, capital expenditures, research and development efforts and dividend payments (if any) in the immediate future and for at least the next twelve months.

	Six Months Ended	
	May 4, 2019	May 5, 2018 (1)
Net cash provided by operating activities	\$ 1,042,649	\$ 1,107,182
Net cash provided by operations as a % of revenue	34.0%	35.4%
Net cash used for investing activities	\$ (170,787)	\$ (170,490)
Net cash used for financing activities	\$ (975,069)	\$ (1,178,171)

(1) Balances have been restated to reflect the full retrospective adoption of ASU 2014-09. See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q.

At May 4, 2019, cash and cash equivalents totaled \$713.6 million. The following changes contributed to the net change in cash and cash equivalents in the six-month period ended May 4, 2019 as compared to the same period in fiscal 2018.

Operating Activities

Cash provided by operating activities is net income adjusted for certain non-cash items and changes in assets and liabilities.

The decrease in cash provided by operating activities during the six-month period ended May 4, 2019, as compared to the same period of the prior fiscal year, was primarily the result of changes in working capital partially offset by higher net income and a reduction in non-cash items primarily related to deferred income tax adjustments related to the Tax Legislation.

Investing Activities

Investing cash flows consist primarily of capital expenditures and cash used for acquisitions. Cash used for investing activities during the six-month period ended May 4, 2019, as compared to the same period of the prior fiscal year, remained flat, as increased capital spending was offset by decreased payments for acquisitions.

Financing Activities

Financing cash flows consist primarily of payments of dividends to stockholders, repurchases of common stock, issuance and repayment of long-term debt, and proceeds from the sale of shares of common stock pursuant to employee equity incentive plans. The increase in cash related to financing activities during the six-month period ended May 4, 2019, as compared to the same period of the prior fiscal year, was primarily due to a decrease in repayments on our 3-year unsecured term loan, partially offset by less net proceeds from debt issuances and increases in stock repurchases and dividend payments.

Working Capital

	May 4, 2019	November 3, 2018	\$ Change	% Change
Accounts receivable, net	\$ 685,978	\$ 639,717	\$ 46,261	7%
Days sales outstanding*	42	40		
Inventory	\$ 608,085	\$ 586,760	\$ 21,325	4%
Days cost of sales in inventory*	111	107		

* We use the average of the current quarter and prior quarter ending net accounts receivable and ending inventory balances in our calculation of days sales outstanding and days cost of sales in inventory, respectively. Fiscal 2018 amounts have been restated to reflect the full retrospective adoption of ASU 2014-09. See Note 1, *Basis of Presentation*, in the Notes to Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q.

The increase in accounts receivable in dollars was primarily the result of normal variations in the timing of collections and billings.

Inventory in dollars increased, primarily as a result of our efforts to balance manufacturing production, demand and inventory levels. Our inventory levels are impacted by our need to support forecasted sales demand and variations between those forecasts and actual demand.

Current liabilities increased to \$1.4 billion at May 4, 2019 from \$1.1 billion at the end of fiscal 2018. The increase was primarily due to an increase of \$307.2 million in the current portion of our debt, an increase in income taxes payable of \$30.6 million, partially offset by a decrease in accounts payable of \$52.7 million.

Debt

As of May 4, 2019, we had \$6.0 billion of carrying value outstanding on our long-term debt. The difference in the carrying value of the debt and the principal is due to the unamortized discount and issuance fees on these instruments that will accrete to the face value over the term of the debt. Our debt obligations consist of the following:

	Principal Amount Outstanding
3-Year term loan, due March 2020	\$ 75,000
5-Year term loan, due March 2022	1,350,000
2.85% Senior unsecured notes, due March 2020	300,000
2.90% Senior unsecured notes, due January 2021	450,000
2.50% Senior unsecured notes, due December 2021	400,000
2.875% Senior unsecured notes, due June 2023	500,000
3.125% Senior unsecured notes, due December 2023	550,000
3.90% Senior unsecured notes, due December 2025	850,000
3.50% Senior unsecured notes, due December 2026	900,000
4.50% Senior unsecured notes, due December 2036	250,000
5.30% Senior unsecured notes, due December 2045	400,000
Total debt	\$ 6,025,000

The indentures governing our outstanding notes contain covenants that may limit our ability to: incur, create, assume or guarantee any debt for borrowed money secured by a lien upon a principal property; enter into sale and lease-back transactions with respect to a principal property; and consolidate with or merge into, or transfer or lease all or substantially all of our assets to, any other party. As of May 4, 2019, we were in compliance with these covenants.

Revolving Credit Facility

We have a senior unsecured revolving credit facility with certain institutional lenders that expires on July 10, 2020. The agreement for such revolving credit facility (Credit Agreement) provides that we may borrow up to \$1.0 billion. In December 2018 we borrowed \$75.0 million under this revolving credit facility and utilized the proceeds for the repayment of existing indebtedness and working capital requirements. We repaid the \$75 million plus interest of \$0.2 million in January 2019. We may borrow under this revolving credit facility in the future and use the proceeds for repayment of existing indebtedness, stock repurchases, acquisitions, capital expenditures, working capital and other lawful corporate purposes. The terms of the Credit Agreement impose restrictions on our ability to undertake certain transactions, to create certain liens on assets and to incur certain subsidiary indebtedness. In addition, the Credit Agreement contains a consolidated leverage ratio covenant of total consolidated funded debt to consolidated earnings before interest, taxes, depreciation, and amortization (EBITDA) of not greater than 4.5 to 1.0. The debt covenant is being reduced over time to 3.0 to 1.0, which began in May 2018. As of May 4, 2019, we were compliant with these covenants.

Stock Repurchase Program

Our common stock repurchase program has been in place since August 2004. In the aggregate, our Board of Directors has authorized us to repurchase \$8.2 billion of our common stock under the program. Under the program, we may repurchase outstanding shares of our common stock from time to time in the open market and through privately negotiated transactions. Unless terminated earlier by resolution of our Board of Directors, the repurchase program will expire when we have repurchased all shares authorized under the program. As of May 4, 2019, we had repurchased a total of approximately 152.0 million shares of our common stock for approximately \$5.8 billion under this program. As of May 4, 2019, an additional \$2.3 billion remains available for repurchase under the current authorized program. The repurchased shares are held as authorized but unissued shares of common stock. We also, from time to time, repurchase shares in settlement of employee tax withholding obligations due upon the vesting of restricted stock units/awards or the exercise of stock options.

Capital Expenditures

Net additions to property, plant and equipment were \$166.2 million in the first six months of fiscal 2019 and were funded with a combination of cash on hand and cash generated from operations. We expect capital expenditures for fiscal 2019 to be approximately 5% of fiscal 2019 revenue. These capital expenditures will be funded with a combination of cash on hand and cash generated from operations.

Dividends

On May 21, 2019, our Board of Directors declared a cash dividend of \$0.54 per outstanding share of common stock. The dividend will be paid on June 11, 2019 to all shareholders of record at the close of business on May 31, 2019 and is expected to total approximately \$199.7 million. We currently expect quarterly dividends to continue at \$0.54 per share, although they remain subject to determination and declaration by our Board of Directors. The payment of future dividends, if any, will be based on several factors, including our financial performance, outlook and liquidity.

Contractual Obligations

There have not been any material changes during the six-month period ended May 4, 2019 to the amounts presented in the table summarizing our contractual obligations included in our Annual Report on Form 10-K for the fiscal year ended November 3, 2018.

New Accounting Pronouncements

From time to time, new accounting pronouncements are issued by the Financial Accounting Standards Board (FASB) that are adopted by us as of the specified effective date. Unless otherwise discussed, management believes that the impact of recently issued standards will not have a material impact on our future financial condition and results of operations. See Note 13, *New Accounting Pronouncements*, in the Notes to our Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q for a description of recently issued and adopted accounting pronouncements, including the dates of adoption and impact on our historical financial condition and results of operations.

Revenue Recognition

In May 2014, the FASB issued ASU 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09), which supersedes nearly all existing revenue recognition guidance under U.S. GAAP. The core principle of ASU 2014-09 is that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. Additionally, the guidance requires improved disclosures to help users of financial statements better understand the nature, amount, timing, and uncertainty of revenue and cash flows arising from contracts with customers. The FASB has issued several amendments and updates to the new revenue standard, including guidance related to when an entity should recognize revenue gross as a principal or net as an agent and how an entity should identify performance obligations. We adopted ASU 2014-09 in the first quarter of fiscal 2019, using the full retrospective method and restated prior periods. As a result of the adoption of ASU 2014-09, we changed our accounting policy for revenue recognition. See Note 1, *Basis of Presentation*, and Note 2, *Revenue Recognition*, in the Notes to our Condensed Consolidated Financial Statements in Part I, Item 1 of this Quarterly Report on Form 10-Q for details of the impact of ASU 2014-09 on our financial statements.

Income Taxes

In October 2016, the FASB issued ASU 2016-16, *Income Taxes (Topic 740)* (ASU 2016-16). ASU 2016-16 requires an entity to recognize the income tax consequences of an intra-entity transfer of an asset, other than inventory, when the transfer occurs. ASU 2016-16 is effective for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. We adopted ASU 2016-16 in the first quarter of fiscal 2019 using the modified retrospective method with a cumulative-effect adjustment directly to retained earnings. The adoption of ASU 2016-16 resulted in a cumulative-effect increase in our deferred tax assets of approximately \$1.7 billion and an increase to our deferred tax liabilities of \$1.3 billion.

Critical Accounting Policies and Estimates

Except for the accounting policy for revenue recognition that was updated as a result of adopting ASU 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09), there were no other material changes in the six-month period ended May 4, 2019 to the information provided under the heading "Critical Accounting Policies and Estimates" in the section entitled "Management's Discussion and Analysis of Financial Condition and Results of Operations" of our Annual Report on Form 10-K for the fiscal year ended November 3, 2018.

ITEM 3. Quantitative and Qualitative Disclosures About Market Risk

Interest Rate Exposure

Based on the \$1.4 billion of floating rate debt outstanding as of May 4, 2019, our annual interest expense would change by approximately \$14.3 million for each 100 basis point increase in interest rates.

There were no other material changes in the six-month period ended May 4, 2019 to the information provided under Item 7A. “Quantitative and Qualitative Disclosures about Market Risk,” set forth in our Annual Report on Form 10-K for the fiscal year ended November 3, 2018.

ITEM 4. Controls and Procedures

(a) *Evaluation of Disclosure Controls and Procedures.* Our management, with the participation of our Chief Executive Officer and Chief Financial Officer, evaluated the effectiveness of our disclosure controls and procedures as of May 4, 2019. The term “disclosure controls and procedures,” as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (Exchange Act), means controls and other procedures of a company that are designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Securities and Exchange Commission’s rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the company’s management, including its principal executive and principal financial officers, as appropriate to allow timely decisions regarding required disclosure. Management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving their objectives and management necessarily applies its judgment in evaluating the cost-benefit relationship of possible controls and procedures. Based on the evaluation of our disclosure controls and procedures as of May 4, 2019, our Chief Executive Officer and Chief Financial Officer concluded that, as of such date, our disclosure controls and procedures were effective at the reasonable assurance level.

(b) *Changes in Internal Control over Financial Reporting.* No change in our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) occurred during the quarter ended May 4, 2019 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II — OTHER INFORMATION

ITEM 1A. Risk Factors

Set forth below and elsewhere in this report and in other documents we file with the Securities and Exchange Commission (SEC) are descriptions of certain risks and uncertainties that could cause our actual results to differ materially from the results contemplated by the forward-looking statements in this report. Additional risks and uncertainties not presently known to us or that we presently deem less significant may also adversely affect our business. The description below includes any material changes to and supersedes the description of the risk factors affecting our business previously discussed in "Risk Factors" set forth in Item 1A of our Annual Report on Form 10-K for the fiscal year ended November 3, 2018.

Disruptions in global credit and financial markets could materially and adversely affect our business and results of operations.

Continuing uncertainty regarding the stability of global credit and financial markets may lead consumers and businesses to postpone spending, which may cause our customers to cancel, decrease or delay their existing and future orders for our products and make it difficult for us to accurately forecast and plan our future business activities. Significant disruption to global credit and financial markets may also adversely affect our ability to access external financing sources on acceptable terms. Financial difficulties experienced by our customers could result in nonpayment or payment delays for previously purchased products, thereby increasing our credit risk exposure. Uncertainty regarding the future stability of the global credit and financial markets could cause the value of the currency in the affected markets to deteriorate, thus reducing the purchasing power of those customers. In addition, financial difficulties experienced by our suppliers, distributors or customers could result in product delays, increased accounts receivable defaults and inventory challenges. If economic conditions deteriorate, we may record additional charges relating to restructuring costs or the impairment of assets and our business and results of operations could be materially and adversely affected.

Our future revenue, gross margins, operating results, net income and earnings per share are difficult to predict and may materially fluctuate.

Our future revenue, gross margins, operating results, net income and earnings per share are difficult to predict and may be materially affected by a number of factors, including:

- the effects of adverse economic conditions in the markets in which we sell our products;
- changes in customer demand for our products and/or for end products that incorporate our products;
- the timing, delay, reduction or cancellation of significant customer orders and our ability to manage inventory;
- fluctuations in customer order patterns and seasonality;
- our ability to accurately forecast distributor demand for our products;
- our ability to accurately estimate future distributor pricing credits and/or stock rotation rights;
- our ability to effectively manage our cost structure in both the short term and over a longer duration;
- changes in geographic, product or customer mix;
- changes in our effective tax rates or new or revised tax legislation in the United States, Ireland or worldwide;
- the effects of issued, threatened or retaliatory government sanctions, trade barriers or economic restrictions, changes in law, regulations or other restrictions, including executive orders, changes in import and export regulations, export classifications or changes in duties and tariffs, particularly with respect to China;
- the timing of new product announcements or introductions by us, our customers or our competitors and the market acceptance of such products;
- pricing decisions and competitive pricing pressures;
- fluctuations in manufacturing yields, adequate availability of wafers and other raw materials, and manufacturing, assembly and test capacity;
- the ability of our third-party suppliers, subcontractors and manufacturers to supply us with sufficient quantities of raw materials, products and/or components;
- a decline in infrastructure spending by foreign governments, including China;

- a decline in the U.S. government defense budget, changes in spending or budgetary priorities, a prolonged U.S. government shutdown or delays in contract awards;
- any significant decline in our backlog;
- our ability to recruit, hire, retain and motivate adequate numbers of engineers and other qualified employees to meet the demands of our customers;
- our ability to generate new design opportunities and win competitive bid selection processes;
- the increasing costs of providing employee benefits worldwide, including health insurance, retirement plan and pension plan contributions and retirement benefits;
- our ability to utilize our manufacturing facilities at efficient levels;
- potential significant litigation-related costs or product warranty and/or indemnity claims, including those not covered by our suppliers or insurers;
- the difficulties inherent in forecasting future operating expense levels, including with respect to costs associated with labor, utilities, transportation and raw materials;
- the costs related to compliance with increasing worldwide government, environmental and social responsibility regulations;
- new accounting pronouncements or changes in existing accounting standards and practices; and
- the effects of public health emergencies, natural disasters, widespread travel disruptions, security risks, terrorist activities, international conflicts and other events beyond our control.

In addition, the semiconductor market has historically been cyclical and subject to significant economic upturns and downturns. Our business and certain of the end markets we serve are also subject to rapid technological changes and material fluctuations in demand based on end-user preferences. There can be no assurance (i) that products stocked in our inventory will not be rendered obsolete before we ship them, or (ii) that we will be able to design, develop and produce products in a timely fashion to accommodate changing customer demand. As a result of these and other factors, we may experience material fluctuations in future revenue, gross margins, operating results, net income and earnings per share on a quarterly or annual basis. Our historical financial performance and results of operations should not be relied upon as indicators of future performance or results. In addition, if our revenue, gross margins, operating results, net income and earnings per share results or expectations do not meet the expectations of securities analysts or investors, the market price of our common stock may decline.

Our acquisition of Linear Technology Corporation (Linear) and the integration of its business, operations and employees with our own may be more difficult, costly or time consuming than expected, and the anticipated benefits and cost savings of the acquisition may not be fully realized, which could adversely impact our business operations, financial condition and results of operations.

We completed the acquisition of Linear, which we refer to as the Acquisition, on March 10, 2017. The success of the Acquisition, including the achievement of anticipated benefits and cost savings of the Acquisition, is subject to a number of uncertainties and will depend, in part, on our ability to successfully combine and integrate Linear's business into our business in an efficient and effective manner. Potential difficulties the combined company may encounter in the integration process include the following:

- the inability to successfully integrate Linear's business into our own in a manner that permits the combined company to achieve the cost savings and operating synergies anticipated to result from the Acquisition, which could result in the anticipated benefits of the Acquisition not being realized partly or wholly in the time frame currently anticipated or at all;
- integrating personnel, IT systems and corporate, finance and administrative infrastructures of the two companies while maintaining focus on providing consistent, high quality products and services;
- coordinating and integrating our internal operations, compensation and benefits programs, policies and procedures, and corporate structures; and
- servicing the substantial debt that we have incurred in connection with the Acquisition.

Any of these factors could result in the combined company failing to realize the anticipated benefits of the Acquisition, on the expected timeline or at all, and could adversely impact our business operations, financial condition and results of operations.

Increases in our effective tax rate and exposure to additional tax liabilities may adversely impact our results of operations.

Our effective tax rate reflects the applicable tax rate in effect in the various tax jurisdictions around the world where our income is earned. Our effective tax rate for the first six months of the fiscal year ending November 2, 2019 was below our U.S. federal statutory rate of 21%. It was also below our blended U.S. federal statutory tax rate of 23.4% for the fiscal year ended November 3, 2018. This is primarily due to lower statutory tax rates applicable to our operations in the foreign jurisdictions in which we earn income. A number of factors may increase our future effective tax rate, including: new or revised tax laws or legislation or the interpretation of such laws or legislation by governmental authorities; increases in tax rates in various jurisdictions; variation in the mix of jurisdictions in which our profits are earned and taxed; deferred taxes arising from basis differences in investments in foreign subsidiaries; any adverse resolution of ongoing tax audits or adverse rulings from taxing authorities worldwide, including our current transfer pricing appeal in Ireland; changes in the valuation of our deferred tax assets and liabilities; adjustments to income taxes upon finalization of various tax returns; increases in expenses not deductible for tax purposes, including executive compensation subject to the limitations of Section 162(m) of the Internal Revenue Code and amortization of assets acquired in connection with strategic transactions; decreased availability of tax deductions for stock-based compensation awards worldwide; and changes in available tax credits. In addition, we have a partial tax holiday through July 2025 in Malaysia. The ability to extend such tax holiday beyond its expiration date cannot be assured. In addition, if we fail to meet certain conditions of the tax holiday, we may lose the benefit of the tax holiday and/or be subject to additional taxes and/or penalties. Any significant increase in our future effective tax rate could adversely impact our net income during future periods.

In addition, we are subject to laws and regulations in various jurisdictions that determine how much profit has been earned and when it is subject to taxation in that jurisdiction. Changes in these laws and regulations, including those that align to or are associated with the Organization for Economic Cooperation and Development's Base Erosion and Profit Shifting (BEPS) Actions Plans, could impact the jurisdictions where we are deemed to earn income, which could in turn adversely affect our tax liability and results of operations.

We may be unable to adequately protect our proprietary intellectual property rights, which may limit our ability to compete effectively.

Our future success depends, in part, on our ability to protect our intellectual property. We primarily rely on patent, mask work, copyright, trademark and trade secret laws, as well as nondisclosure agreements and other methods, to protect our proprietary technologies and processes. Despite our efforts to protect our intellectual property, it is possible that competitors or other unauthorized third parties may obtain, copy, reverse engineer, use or disclose our technologies, products and processes. Moreover, the laws of foreign countries in which we design, manufacture, market and sell our products may afford little or no effective protection of our proprietary intellectual property.

There can be no assurance that the claims allowed in our issued patents will be sufficiently broad to protect our technology. In addition, any of our existing or future patents may be challenged, invalidated or circumvented. As such, any rights granted under these patents may not provide us with adequate protection. We may not be able to obtain foreign patents or pending applications corresponding to our U.S. patents and applications. Even if patents are granted, enforcement may not be available or achieved under the circumstances. If our patents and mask works do not adequately protect our technology, our competitors may be able to offer products similar to ours. Our competitors may also be able to develop similar technology independently or design around our patents.

We generally enter into confidentiality agreements with our employees, consultants and strategic partners. We also try to control access to and distribution of our technologies, documentation and other proprietary information. Despite these efforts, internal or external parties may attempt to copy, disclose, obtain or use our products or technology without our authorization. Also, former employees may seek employment with our business partners, customers or competitors, and there can be no assurance that the confidential nature of our proprietary information will be maintained in the course of such future employment.

A significant disruption in, or breach in security of, our information technology systems or certain of our products could materially and adversely affect our business or reputation.

We rely on information technology systems throughout our company to keep financial records and customer data, process orders, manage inventory, coordinate shipments to customers, maintain confidential and proprietary information, assist in semiconductor engineering and other technical activities and operate other critical functions such as Internet connectivity, network communications and email. Our information technology systems may be susceptible to damage, disruptions or shutdowns due to power outages, hardware failures, telecommunication failures, employee malfeasance, user errors, catastrophes or other unforeseen events. We also rely upon external cloud providers for certain infrastructure activities. If we were to experience a prolonged disruption in the information technology systems that involve our internal communications or our interactions with customers or suppliers, it could result in the loss of sales and customers and significant incremental costs, which could adversely affect our business. We may also be subject to security breaches of our information technology systems

and certain of our products caused by viruses, illegal break-ins or hacking, sabotage, or acts of vandalism by third parties or our employees or contractors. Our security measures or those of our third party service providers may not detect or prevent security breaches, defects, bugs or errors. In addition, we provide our confidential and proprietary information to our strategic partners in certain cases where doing so is necessary to conduct our business. While we employ confidentiality agreements to protect such information, nonetheless those third parties may also be subject to security breaches or otherwise compromise the protection of such information. Security breaches of our information technology systems or those of our partners could result in the misappropriation or unauthorized disclosure of confidential and proprietary information belonging to us or to our employees, partners, customers or suppliers, which could result in our suffering significant financial or reputational damage.

Long-term contracts are not typical for us, and incorrect forecasts or reductions, cancellations or delays in orders for our products could adversely affect our operating results.

We typically do not have long-term sales contracts with our customers. In certain markets where end-user demand may be particularly volatile and difficult to predict, some customers place orders that require us to manufacture product and have it available for shipment, even though the customer is unwilling to make a binding commitment to purchase all, or even any, of the product. In other instances, we manufacture product based on forecasts of customer demands, which may fluctuate significantly on a quarterly or annual basis. Additionally, our U.S. government contracts and subcontracts may be funded in increments over a number of government budget periods and typically can be terminated by the government for its convenience. As a result, we may incur inventory and manufacturing costs in advance of anticipated sales, and we are subject to the risk of lower than expected orders or cancellations of orders, leading to a sharp reduction of sales and backlog. Further, orders or forecasts for products that meet the customer's unique requirements and that are canceled or unrealized orders would, in addition, result in an inventory of unsaleable products, causing potential inventory write-offs, and we may be unable to recover all of our costs incurred or committed. As a result of lengthy manufacturing cycles for certain of the products that are subject to these uncertainties, the amount of unsaleable product could be substantial. Incorrect forecasts, or reductions, cancellations or delays in orders for our products could adversely affect our operating results.

Our future success depends upon our ability to execute our business strategy, continue to innovate, improve our existing products, design, develop, produce and market new products, and identify and enter new markets.

Our future success significantly depends on our continued ability to execute our business strategy, continue to improve our existing products and design, develop, produce and market innovative new products and system-level solutions. Product design, development, innovation and enhancement is often a complex, time-consuming and costly process involving significant investment in research and development, with no assurance of return on investment. There can be no assurance that we will be able to develop and introduce new and improved products in a timely or efficient manner or that new and improved products, if developed, will achieve market acceptance. Our products generally must conform to various evolving and sometimes competing industry standards, which may adversely affect our ability to compete in certain markets or require us to incur significant costs. In addition, our customers generally impose very high quality and reliability standards on our products, which often change and may be difficult or costly to satisfy. Any inability to satisfy customer quality and reliability standards or comply with industry standards and technical requirements may adversely affect demand for our products and our results of operations. In addition, our growth is dependent on our ability to generate new design opportunities and win competitive bid selection processes. Failure to obtain or maintain a particular design win may prevent us from obtaining or maintaining design wins in subsequent generations of a particular product and could also weaken our position in future competitive selection processes. Our growth is also dependent on our ability to identify and penetrate new markets where we have limited experience and competition is intense. Some of our customers in new markets are less established, which could subject us to increased credit risk. There can be no assurance that the markets we serve and/or target based on our business strategy will grow in the future, that our existing and new products will meet the requirements of these markets, that our products, or the products in which our products are used, will achieve customer acceptance in these markets, that competitors will not force price reductions or take market share from us, or that we can achieve or maintain adequate gross margins or profits in these markets. Additionally, developing markets, such as the Industry 4.0, autonomous driving, artificial intelligence and 5G, require significant investments, resources and technological advancements in order to compete effectively and there can be no assurance that we will achieve success in these markets. Furthermore, a decline in demand in one or several of our end-user markets could have a material adverse effect on the demand for our products and our results of operations.

We may not be able to compete successfully in markets within the semiconductor industry in the future.

We face intense competition in the semiconductor industry, and we expect this competition to increase in the future, including from companies located outside of the United States. Competition is generally based on innovation, design, quality and reliability of products, product performance, features and functionality, product pricing, availability and capacity, technological service and support, and the availability of integrated system solutions, with the relative importance of these factors varying among products, markets and customers. Many companies have sufficient financial, manufacturing, technical, sales and marketing resources to develop and market products that compete with our products. Some of our competitors may have more advantageous supply or development relationships with our current and potential customers or suppliers. Our

competitors also include emerging companies selling specialized products in markets we serve and entities outside of the U.S., including entities associated with well-funded efforts by foreign governments to create indigenous semiconductor industries. Existing or new competitors may develop products or technologies that more effectively address the demands of our customers and markets with enhanced performance, features and functionality, lower power requirements, greater levels of integration or lower cost. In addition, as we seek to expand our business, including the design and production of products and services for developing and emerging markets, we may encounter increased competition from our current competitors and/or new competitors. Increased competition in certain markets has resulted in and may continue to result in declining average selling prices, reduced gross margins and loss of market share in those markets. There can be no assurance that we will be able to compete successfully in the future against existing or new competitors, or that our operating results will not be adversely affected by increased competition. In addition, the semiconductor industry has experienced significant consolidation over the past several years. Consolidation among our competitors could lead to a changing competitive landscape, which could negatively impact our competitive position and market share and harm our results of operations.

We rely on third-party suppliers, subcontractors and manufacturers for some industry-standard wafers, manufacturing processes, assembly and test services, and transportation, and we generally cannot control their availability or conditions of supply.

We rely, and plan to continue to rely, on third-party suppliers, assembly and test subcontractors, freight carriers and wafer fabricators (collectively, suppliers) to supply most of our products that can be manufactured using industry-standard processes. This reliance involves several risks, including reduced control over availability, capacity utilization, delivery schedules, manufacturing yields, and costs. We currently source approximately half of our wafer requirements annually from third-party wafer fabrication foundries, such as Taiwan Semiconductor Manufacturing Company (TSMC), Global Foundries, Vanguard, and others. In addition, these suppliers often provide manufacturing services to our competitors and therefore periods of increased industry demand may result in capacity constraints. In certain instances, the third-party supplier is the sole source of highly specialized processing services. If our suppliers are unable or unwilling to manufacture and deliver components to us on the time schedule and of the quality or quantity that we require or provide us with required manufacturing processes, we may be forced to seek to engage additional or replacement suppliers, which could result in additional expenses and delays in product development or shipment of product to our customers. If additional or replacement suppliers or manufacturing processes are not available, we may also experience delays in product development or shipment which could, in turn, result in the temporary or permanent loss of customers.

A prolonged disruption of our internal manufacturing operations could have a material adverse effect on our business, financial condition and results of operations.

In addition to leveraging an outsourcing model for manufacturing operations, we also rely on our internal manufacturing operations located in the United States, Ireland, the Philippines, Singapore and Malaysia. A prolonged disruption at, or inability to utilize, one or more of our manufacturing facilities, loss of raw materials or damage to our manufacturing equipment for any reason, including due to natural or man-made disasters, civil unrest or other events outside of our control, such as widespread outbreaks of illness or the failure to maintain our labor force at one or more of these facilities, may disrupt our operations, delay production, shipments and revenue and result in us being unable to timely satisfy customer demand. As a result, we could forgo revenue opportunities, potentially lose market share and damage our customer relationships, all of which could materially and adversely affect our business, financial condition and results of operations.

If we are unable to generate sufficient cash flow, we may not be able to service our debt obligations, including making payments on our outstanding term loans and senior unsecured notes.

Our ability to make payments of principal and interest on our indebtedness when due, including the significant indebtedness that we incurred in connection with the Acquisition, depends upon our future performance, which will be subject to general economic conditions, industry cycles and financial, business and other factors affecting our consolidated operations, many of which are beyond our control. If we are unable to generate sufficient cash flow from operations in the future to service our outstanding debt, we may be required to, among other things:

- seek additional financing in the debt or equity markets;
- refinance or restructure all or a portion of our indebtedness;
- borrow under our revolving credit facility;
- divert funds that would otherwise be invested in our operations;
- repatriate earnings as dividends from foreign locations, attracting foreign withholding and state and local income taxes;
- sell selected assets; or

- reduce or delay planned capital expenditures or operating expenditures.

Such measures might not be sufficient to enable us to service our debt, which could negatively impact our financial results. In addition, we may not be able to obtain any such financing, refinancing or complete a sale of assets on economically favorable terms. In the case of financing or refinancing, favorable interest rates will depend on the health of the debt capital markets.

Our significant existing indebtedness could also have the effect, among other things, of reducing our flexibility to respond to changing business and economic conditions, reducing funds available for working capital, capital expenditures, acquisitions and other general corporate purposes or creating competitive disadvantages relative to other companies with lower debt levels.

The markets for semiconductor products are cyclical, and increased production may lead to overcapacity and lower prices, and conversely, we may not be able to satisfy unexpected demand for our products.

The cyclical nature of the semiconductor industry has resulted in periods when demand for our products has increased or decreased rapidly. The demand for our products is subject to the strength of our four major end markets of Industrial, Communications, Automotive and Consumer. If we expand our operations and workforce too rapidly or procure excessive resources in anticipation of increased demand for our products, and that demand does not materialize at the pace at which we expect, or declines, or if we overbuild inventory in a period of decreased demand, our operating results may be adversely affected as a result of increased operating expenses, reduced margins, underutilization of capacity or asset impairment charges. These capacity expansions by us and other semiconductor manufacturers could also lead to overcapacity in our target markets which could lead to price erosion that would adversely impact our operating results. Conversely, during periods of rapid increases in demand, our available capacity may not be sufficient to satisfy the demand. In addition, we may not be able to expand our workforce and operations in a sufficiently timely manner, procure adequate resources and raw materials, locate suitable third-party suppliers, or respond effectively to changes in demand for our existing products or to demand for new products requested by our customers, and our current or future business could be materially and adversely affected.

Our semiconductor products are complex and we may be subject to product warranty and indemnity claims, which could result in significant costs and damage to our reputation and adversely affect customer relationships, the market acceptance of our products and our operating results.

Semiconductor products are highly complex and may contain defects when they are first introduced or as new versions are developed. Failures in our products and services or in the products of customers could result in damage to our reputation for reliability and increase our legal or financial exposure to third parties. Certain of our products and services could also contain security vulnerabilities, defects, bugs and errors, which could also result in significant data losses, security breaches and theft of intellectual property. We generally warrant our products to our customers for one year from the date title passes from us. We invest significant resources in the testing of our products; however, if any of our products contain defects, we may be required to incur additional development and remediation costs pursuant to warranty and indemnification provisions in our customer contracts and purchase orders. These problems may divert our technical and other resources from other product development efforts and could result in claims against us by our customers or others, including liability for costs and expenses associated with product recalls, which may adversely impact our operating results. We may also be subject to customer indemnity claims. Our customers have on occasion been sued, and may be sued in the future, by third parties alleging infringement of intellectual property rights, or damages resulting from use of our products. Those customers may seek indemnification from us under the terms and conditions of our sales contracts with them. In certain cases, our potential indemnification liability may be significant. If any of our products contain defects, or have reliability, quality or compatibility problems, our reputation may be damaged, which could make it more difficult for us to sell our products to customers and could also adversely affect our operating results.

The fabrication of integrated circuits is highly complex and precise, and our manufacturing processes utilize a substantial amount of technology. Minute impurities, contaminants in the manufacturing environment, difficulties in the fabrication process, defects in the masks used in the wafer manufacturing process, manufacturing equipment failures, wafer breakage or other factors can cause a substantial percentage of wafers to be rejected or numerous dice on each wafer to be nonfunctional. While we have significant expertise in semiconductor manufacturing, it is possible that some processes could become unstable. This instability could result in manufacturing delays and product shortages, which could have a material adverse effect on our operating results.

We are occasionally involved in litigation, including claims regarding intellectual property rights, which could be costly to litigate and could require us to redesign products or pay significant royalties.

The semiconductor industry is characterized by frequent claims and litigation involving patent and other intellectual property rights. Other companies or individuals have obtained patents covering a variety of semiconductor designs and processes, and we might be required to obtain licenses under some of these patents or be precluded from making and selling infringing products, if those patents are found to be valid and infringed by us. In the event a third party makes a valid

intellectual property claim against us and a license is not available to us on commercially reasonable terms, or at all, we could be forced either to redesign or to stop production of products incorporating that intellectual property, and our operating results could be materially and adversely affected. Litigation may be necessary to enforce our patents or other of our intellectual property rights or to defend us against claims of infringement, and this litigation could be costly and divert the attention of our key personnel. We could also be subject to litigation or arbitration disputes arising under our contractual obligations, as well as customer indemnity, warranty or product liability claims that could lead to significant costs and expenses as we defend those claims or pay damage awards. There can be no assurance that we are adequately insured to protect against all claims and potential liabilities, and we may elect to self-insure with respect to certain matters. An adverse outcome in litigation or arbitration could have a material adverse effect on our financial position or on our operating results or cash flows in the period in which the dispute is resolved.

If we are unable to recruit or retain our key personnel, our ability to execute our business strategy will be adversely affected.

Our continued success depends to a significant extent upon the recruitment, retention and effective succession of our executive officers and key management and technical personnel, particularly our experienced engineers. The competition for these employees is intense. The loss of the services of one or more of our key personnel could have a material adverse effect on our operating results. The inability to attract, hire and retain key employees with critical technical skills to achieve our strategy, including as a result of changes to immigration policies, could also have a material adverse effect on our business. In addition, there could be a material adverse effect on our business should the turnover rates for engineers and other key personnel increase significantly or if we are unable to continue to attract, hire and retain qualified personnel. We do not maintain any key person life insurance policy on any of our officers or other employees.

To remain competitive, we may need to invest in or acquire other companies, purchase or license technology from third parties, or enter into other strategic transactions in order to introduce new products or enhance our existing products.

An element of our business strategy involves expansion through the acquisitions of businesses, assets, products or technologies that allow us to complement our existing product offerings, diversify our product portfolio, expand our market coverage, increase our engineering workforce, expand our technical skill sets or enhance our technological capabilities. We may not be able to find businesses that have the technology or resources we need and, if we find such businesses, we may not be able to invest in, purchase or license the technology or resources on commercially favorable terms or at all. Acquisitions, investments and technology licenses are difficult to identify and complete for a number of reasons, including the cost of potential transactions, competition among prospective buyers and licensees, the need for regulatory approvals, and difficulties related to integration efforts. In addition, investments in private companies are subject to a risk of a partial or total loss of our investment. Both in the U.S. and abroad, governmental regulation of acquisitions, including antitrust reviews and approvals, has become more complex, increasing the costs and risks of undertaking and consummating significant acquisitions. In order to finance a potential transaction, we may need to raise additional funds by issuing securities or borrowing money. We may not be able to obtain financing on favorable terms, and the sale of our stock may result in the dilution of our existing shareholders or the issuance of securities with rights that are superior to the rights of our common shareholders.

Acquisitions also involve a number of challenges and risks, including:

- difficulty or delay integrating acquired technologies, operations and personnel with our existing businesses;
- diversion of management's attention in connection with both negotiating the transaction and integrating the assets;
- strain on managerial and operational resources as management tries to oversee larger or more complex operations;
- the future funding requirements for acquired companies, which may be significant;
- potential loss of key employees;
- exposure to unforeseen liabilities or regulatory compliance issues of acquired companies;
- higher than expected or unexpected costs relating to or associated with an acquisition and integration of assets;
- difficulty realizing synergies and growth prospects of an acquisition in a timely manner or at all; and
- increased risk of costly and time-consuming legal proceedings.

If we are unable to successfully address these risks, we may not realize some or all of the expected benefits of our acquisitions, which may have an adverse effect on our business strategy, plans and operating results.

We rely on supplies, services and manufacturing capacity located in geologically unstable areas, which could affect our ability to produce products.

We, like many companies in the semiconductor industry, rely on supplies, services, internal manufacturing capacity, wafer fabrication foundries and other subcontractors in geologically unstable locations around the world. Earthquakes,

tsunamis, flooding or other natural disasters may disrupt local semiconductor-related businesses and adversely affect manufacturing capacity, availability and cost of key raw materials, utilities and equipment, and availability of key services, including transport of our products worldwide. Our insurance may not adequately cover losses resulting from such disruptions. Any prolonged inability to utilize one of our manufacturing facilities, or those of our subcontractors or third-party wafer fabrication foundries, as a result of fire, flood, natural disaster, unavailability of utilities or otherwise, could result in a temporary or permanent loss of customers for affected products, which could have a material adverse effect on our results of operations and financial condition.

We are exposed to business, economic, political, legal, regulatory and other risks through our significant worldwide operations, which could adversely affect our business, financial condition and results of operations.

We have significant operations and manufacturing facilities outside the United States, including in Ireland, the Philippines, Singapore and Malaysia. A significant portion of our revenue is derived from customers in international markets, and we expect that international sales will continue to account for a significant portion of our revenue in the future. Risks associated with our international business operations include the following:

- political, legal and economic changes, crises or instability and civil unrest in foreign markets;
- currency conversion risks and exchange rate and interest rate fluctuations;
- trade policy, trade, travel, export or taxation disputes or restrictions, government sanctions, import or export tariffs, changes to export classifications or other restrictions imposed by the U.S. government or by the governments of the countries in which we do business, particularly in China;
- complex, varying and changing government regulations and legal standards and requirements, particularly with respect to price protection, competition practices, export control regulations and restrictions, customs and tax requirements, immigration, anti-boycott regulations, data privacy, intellectual property, anti-corruption and environmental compliance, including U.S. customs and export regulations and restrictions, International Traffic in Arms Regulations and the Foreign Corrupt Practices Act;
- economic disruption from terrorism and threats of terrorism and the response to them by the U.S. and its allies;
- increased managerial complexities, including different employment practices and labor issues;
- changes in immigration laws, regulations and procedures and enforcement practices of various government agencies;
- greater difficulty enforcing intellectual property rights and weaker laws protecting such rights;
- natural disasters or pandemics;
- transportation disruptions and delays and increases in labor and transportation costs;
- changes to foreign taxes, tariffs and freight rates;
- fluctuations in raw material costs and energy costs;
- greater difficulty in accounts receivable collections and longer collection periods; and
- costs associated with our foreign defined benefit pension plans.

Any of these risks, or any other risks related to international business operations, could materially adversely affect our business, financial condition and results of operations.

Many of these risks are present in China. While we expect to continue to expand our business and operations in China, our success in the Chinese markets may be adversely affected by China's continuously evolving policies, laws and regulations, including those relating to trade, taxation, import and export tariffs or restrictions, currency controls, antitrust, cybersecurity and data protection, the environment, indigenous innovation and the promotion of a domestic semiconductor industry, and intellectual property rights and enforcement and protection of those rights. Enforcement of existing laws or agreements may be inconsistent. In addition, changes in the political environment, governmental policies, international trade policies and relations, or U.S.-China relations could result in revisions to laws or regulations or their interpretation and enforcement, exposure of our proprietary intellectual property, increased taxation, trade sanctions, the imposition of import duties or tariffs, restrictions on imports or exports, currency revaluations, or retaliatory actions, which could have an adverse effect on our business plans and operating results.

At May 4, 2019, our principal source of liquidity was \$713.6 million of cash and cash equivalents, of which approximately \$267.7 million was held in the United States and the remaining balance was held outside the United States in various foreign subsidiaries. We continue to assert our intent to reinvest substantially all of our foreign earnings indefinitely.

As we intend to reinvest substantially all of our foreign earnings indefinitely, certain cash held outside the United States may not be available for repatriation as dividends to the United States in the future. We require a substantial amount of cash in the United States for operating requirements, stock repurchases, cash dividends and acquisitions. If we are unable to address our U.S. cash requirements through operations, borrowings under our current revolving credit facility, future debt or equity offerings or other sources of cash obtained at an acceptable cost, it may be necessary for us to consider repatriation of earnings that are indefinitely reinvested, and we may be required to pay additional taxes under current tax laws, which could have a material adverse effect on our results of operations and financial condition.

Our operating results are dependent on the performance of independent distributors.

A significant portion of our sales are through independent global and regional distributors that are not under our control. Arrow Electronics is currently our sole global distributor. These independent distributors generally represent product lines offered by several companies and thus could reduce their sales efforts applied to our products or they could terminate their representation of us. We generally do not require letters of credit from our distributors and are not protected against accounts receivable default or declarations of bankruptcy by these distributors. Our inability to collect open accounts receivable could adversely affect our operating results. Termination of a significant distributor or a group of distributors, whether at our initiative or the distributor's initiative or through consolidation in the distribution industry, could disrupt our current business, and if we are unable to find suitable replacements with the appropriate scale and resources, our operating results could be adversely affected.

Effective November 4, 2018, all distributor sales are recognized upon shipment to the distributor under Accounting Standards Update 2014-09, *Revenue from Contracts with Customers* (ASU 2014-09). We are now required to estimate the effects of returns and allowances provided to distributors and record revenue at the time of sale to the distributor. If our estimates of such credits and rights are materially understated, it could cause subsequent adjustments that negatively impact our revenues and gross profits in a future period.

We are subject to environmental, health and safety (EHS) regulations, which could increase our expenses and affect our operating results.

Our industry is subject to EHS requirements, particularly those environmental requirements that control and restrict the sourcing, use, transportation, emission, discharge, storage and disposal of certain chemicals, and materials used or produced in the semiconductor manufacturing process. Public attention to environmental, sustainability and social responsibility concerns continues to increase, and our customers routinely include stringent environmental and other standards in their contracts with us. Changes in EHS laws or regulations may require us to invest in costly equipment or make manufacturing process changes and may adversely affect the sourcing, supply and pricing of materials used in our products. In addition, we use hazardous and other regulated materials that subject us to risks of strict liability for damages caused by potential or actual releases of such materials. Any failure to control such materials adequately or to comply with existing or future EHS statutory or regulatory standards, requirements or contractual obligations could result in any of the following, each of which could have a material adverse effect on our business and operating results:

- liability for damages and remediation;
 - the imposition of regulatory penalties and civil and criminal fines;
 - the suspension or termination of the development, manufacture, sale or use of certain of our products;
 - changes to our manufacturing processes or a need to substitute materials that may cost more or be less available;
 - damage to our reputation; and/or
- increased expenses associated with compliance.

If we fail to comply with government contracting regulations, we could suffer a loss of revenue or incur price adjustments or other penalties.

Some of our revenue is derived from contracts with agencies of the United States government and subcontracts with its prime contractors. As a United States government contractor or subcontractor, we are subject to federal contracting regulations, including the Federal Acquisition Regulations, which govern the allowability of costs incurred by us in the performance of United States government contracts. Certain contract pricing is based on estimated direct and indirect costs, which are subject to change. Additionally, the United States government is entitled after final payment on certain negotiated contracts to examine all of our cost records with respect to such contracts and to seek a downward adjustment to the price of the contract if it determines that we failed to furnish complete, accurate and current cost or pricing data in connection with the negotiation of the price of the contract.

In connection with our United States government business, we are also subject to government audits and to review and approval of our policies, procedures, and internal controls for compliance with procurement regulations and applicable laws. In certain circumstances, if we do not comply with the terms of a contract or with regulations or statutes, we could be subject to

downward contract price adjustments or refund obligations or could in extreme circumstances be assessed civil and criminal penalties or be debarred or suspended from obtaining future contracts for a specified period of time. Any such suspension or debarment or other sanction could have an adverse effect on our business.

Under some of our government subcontracts, we are required to maintain secure facilities and to obtain security clearances for personnel involved in performance of the contract, in compliance with applicable federal standards. If we were unable to comply with these requirements, or if personnel critical to our performance of these contracts were unable to obtain or maintain their security clearances, we might be unable to perform these contracts or compete for other projects of this nature, which could adversely affect our revenue.

Restrictions in our revolving credit facility, term loans and outstanding debt instruments may limit our activities.

Our current revolving credit facility, term loans and outstanding debt instruments impose, and future debt instruments to which we may become subject may impose, restrictions that limit our ability to engage in activities that could otherwise benefit our Company, including to undertake certain transactions, to create certain liens on our assets and to incur certain subsidiary indebtedness. Our ability to comply with these financial restrictions and covenants is dependent on our future performance, which is subject to prevailing economic conditions and other factors, including factors that are beyond our control such as foreign exchange rates, interest rates and changes in technology, government regulations and the level of competition. In addition, our revolving credit facility requires us to maintain compliance with specified financial ratios. If we breach any of the covenants under our revolving credit facility, the indentures governing our outstanding senior unsecured notes, the term loans or any future debt instruments to which we may become subject and do not obtain appropriate waivers, then, subject to applicable cure periods, our outstanding indebtedness thereunder could be declared immediately due and payable or we may be restricted from further borrowing under our revolving credit facility.

Our stock price may be volatile.

The market price of our common stock has been volatile in the past and may be volatile in the future, as it may be significantly affected by factors including:

- global economic conditions generally;
- crises in global credit, debt and financial markets;
- actual or anticipated fluctuations in our revenue and operating results;
- changes in financial estimates or other statements made by securities analysts or others in analyst reports or other publications or our failure to perform in line with those estimates or statements or our published guidance;
- financial results and prospects of our customers;
- U.S. and foreign government actions, including with respect to trade, travel, export and taxation;
- changes in market valuations of other semiconductor companies;
- rumors and speculation in the press, investment community or on social media about us, our customers or other companies in our industry;
- announcements by us, our customers or our competitors of significant new products, technical innovations, material transactions, acquisitions or dispositions, litigation, capital commitments or revised earnings estimates;
- departures of key personnel;
- alleged noncompliance with laws, regulations or ethics standards by us or any of our employees, officers or directors; and
- negative media publicity targeting us or our suppliers, customers or competitors.

The stock market has historically experienced volatility, especially within the semiconductor industry, that often has been unrelated to the performance of particular companies. These market fluctuations may cause our stock price to fall regardless of our operating results.

Our directors and executive officers periodically sell shares of our common stock in the market, including pursuant to Rule 10b5-1 trading plans. Regardless of the individual's reasons for such sales, securities analysts and investors could view such sales as a negative indicator and our stock price could be adversely affected as a result.

ITEM 2. Unregistered Sales of Equity Securities and Use of Proceeds**Issuer Purchases of Equity Securities**

Period	Total Number of Shares Purchased (a)	Average Price Paid Per Share (b)	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs (c)	Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs
February 3, 2019 through March 2, 2019	46,582	\$ 106.54	37,402	\$ 2,393,976,912
March 3, 2019 through March 30, 2019	496,726	\$ 107.03	186,056	\$ 2,373,997,691
March 31, 2019 through May 4, 2019	381,298	\$ 113.80	342,620	\$ 2,335,008,817
Total	<u>924,606</u>	<u>\$ 109.80</u>	<u>566,078</u>	<u>\$ 2,335,008,817</u>

- (a) Includes 358,528 shares withheld by us from employees to satisfy minimum employee tax obligations upon vesting of restricted stock units/awards granted to our employees under our equity compensation plans.
- (b) The average price paid for shares in connection with vesting of restricted stock units/awards are averages of the closing stock price at the vesting date which is used to calculate the number of shares to be withheld.
- (c) Shares repurchased pursuant to the stock repurchase program publicly announced on August 12, 2004. Under the repurchase program, we may repurchase outstanding shares of our common stock from time to time in the open market and through privately negotiated transactions in an aggregate amount of up to \$8.2 billion. Unless terminated earlier by resolution of our Board of Directors, the repurchase program will expire when we have repurchased all shares authorized for repurchase under the repurchase program.

ITEM 6. Exhibits

<u>Exhibit No.</u>	<u>Description</u>
10.1†	<u>Form of Relative TSR Performance Restricted Stock Unit Agreement for Employees for usage under the Company's Amended and Restated 2006 Stock Incentive Plan</u>
10.2†	<u>Form of Financial Metric Performance Restricted Stock Unit Agreement for Employees for usage under the Company's Amended and Restated 2006 Stock Incentive Plan</u>
31.1†	<u>Certification Pursuant to Rule 13a-14(a) and 15d-14(a) of the Securities Exchange Act, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (Chief Executive Officer).</u>
31.2†	<u>Certification Pursuant to Rule 13a-14(a) and 15d-14(a) of the Securities Exchange Act, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (Chief Financial Officer).</u>
32.1†	<u>Certification Pursuant to 18 U.S.C. Section 1350 (Chief Executive Officer).</u>
32.2†	<u>Certification Pursuant to 18 U.S.C. Section 1350 (Chief Financial Officer).</u>
101.INS	The instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the inline XBRL document.**
101.SCH	XBRL Schema Document.**
101.CAL	XBRL Calculation Linkbase Document.**
101.LAB	XBRL Labels Linkbase Document.**
101.PRE	XBRL Presentation Linkbase Document.**
101.DEF	XBRL Definition Linkbase Document.**
†	Filed or furnished herewith.
**	Submitted electronically herewith.

Attached as Exhibit 101 to this report are the following formatted in XBRL (Extensible Business Reporting Language): (i) Condensed Consolidated Statements of Income for the three and six months ended May 4, 2019 and May 5, 2018, (ii) Condensed Consolidated Statements of Comprehensive Income for the three and six months ended May 4, 2019 and May 5, 2018, (iii) Condensed Consolidated Balance Sheets at May 4, 2019 and November 3, 2018, (iv) Condensed Consolidated Statements of Shareholders' Equity for the three and six months ended May 4, 2019 and May 5, 2018, (v) Condensed Consolidated Statements of Cash Flows for the six months ended May 4, 2019 and May 5, 2018 and (vi) Notes to Condensed Consolidated Financial Statements for the three and six months ended May 4, 2019.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

ANALOG DEVICES, INC.

Date: May 22, 2019

By: /s/ Vincent Roche

Vincent Roche

President and Chief Executive Officer

(Principal Executive Officer)

Date: May 22, 2019

By: /s/ Prashanth Mahendra-Rajah

Prashanth Mahendra-Rajah

Senior Vice President, Finance and Chief Financial Officer

(Principal Financial Officer)

**AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT**

Private & Confidential (Addressee Only)

Participant Name
Employee ID
Grant ID: Client Grant ID

We are pleased to advise you (the "Participant") that Analog Devices, Inc., a Massachusetts corporation (the "Company"), has granted to the Participant that number of Performance Restricted Stock Units ("Performance RSUs") set forth below, subject to the terms and conditions of the Analog Devices, Inc. Amended and Restated 2006 Stock Incentive Plan (the "Plan") and this Performance Restricted Stock Unit Agreement, including Appendix A, which includes additional performance-based vesting conditions, and Appendix B, which includes any applicable country-specific provisions. This Performance Restricted Stock Unit Agreement, together with Appendix A and Appendix B, is referred to as the "Agreement." The grant of Performance RSUs reflects the Company's confidence in the Participant's commitment and contributions to the success and continued growth of the Company. All terms not defined in this Agreement shall have the meaning set forth in the Plan.

1. Performance Restricted Stock Unit.

Subject to the terms and conditions of the Plan and this Agreement, the Company has granted to the Participant that number of Performance RSUs (the "Award") effective on the Date of Grant set forth below:

Date of Grant:	Grant Date
Number of Performance RSUs ("Initial Grant Number"):	Number of Awards Granted
Vesting Date:	Cliff Vesting Date

If the Participant resides in a European Economic Area or European Union member state, due to local legal requirements the Participant **must accept** this Agreement no later than Grant Custom 4 or **this Award shall terminate and will become null and void**. For purposes of this Agreement, the Participant is deemed to reside in the country where his or her Employer is located.

If the Participant resides in the United States and does not accept this Agreement by Grant Custom 4, or such other date that may be communicated, the Company will automatically accept the Agreement on the Participant's behalf. If the Participant declines this Agreement, this Award shall terminate and will become null and void. The Participant may not decline this Agreement on or after Grant Custom 4.

Each one (1) Performance RSU shall, if and when it vests in accordance with this Agreement, automatically convert into one (1) share of common stock, US\$0.16 2/3 par value, of the Company ("Common Stock") issuable as provided below. The Performance RSUs are subject to the vesting provisions set forth in Section 2 (including any performance-based vesting conditions set forth in Appendix A), the restrictions on transfer set forth in Section 3, and the right of the Company to retain Shares (as defined below) pursuant to Section 7.

2. Vesting and Conversion.

- (a) Subject to the terms of the Plan and this Agreement, the Performance RSUs shall vest in accordance with the vesting conditions set forth in this Section 2 and the performance-based vesting conditions set forth in Appendix A. For purposes of this Agreement, Performance RSUs that have not vested as of the Vesting Date in accordance with this Section 2 and Appendix A are referred to as "Unvested Performance RSUs." The shares of Common Stock that are issuable upon the vesting and conversion of the Performance RSUs are referred to in this Agreement as "Shares." As soon as administratively practicable after the issuance of any Shares upon the vesting and conversion of Performance RSUs (and in any event within sixty (60) days of the vesting date or event, as applicable), and subject to the terms and conditions set forth in the Agreement, the Company shall deliver or cause to be delivered evidence (which may include a book entry by the Company's transfer agent) of the Shares so issued in the name of the Participant to the brokerage firm designated by the Company to maintain the brokerage account established for the Participant or the Participant's heirs, in the case of Section 2(c). Notwithstanding the foregoing, the Company shall not be obligated to issue Shares to or in the name of the Participant upon the vesting and conversion of any Performance RSUs unless the issuance of such Shares shall comply with all relevant provisions of law and other legal requirements including, without limitation, any applicable securities laws and the requirements of any stock exchange upon which shares of Common Stock may then be listed.
- (b) In the event the Participant's employment with the Company or the Employer (as defined in Section 2(e)) is terminated either by the Participant, the Company, or the Employer for any reason or no reason (other than due to death or Disability), then in each such case, all of the Unvested Performance RSUs as of the date of termination shall terminate and be cancelled immediately and automatically and the Participant shall have no further rights with respect to such Unvested Performance RSUs.

- (c) In the event of the Participant's death prior to the end of the Performance Period, the Unvested Performance RSUs shall vest immediately upon death with respect to the Initial Grant Number of Shares underlying the Performance RSUs, notwithstanding that the Participant was not employed as of the Vesting Date. In the event of the Participant's death after the end of the Performance Period, the Unvested Performance RSUs shall vest with respect to the number of Shares underlying the Performance RSUs that would have vested in accordance with Appendix A had the Participant continued employment through the Vesting Date had he or she not died.
- (d) In the event the Participant becomes Disabled prior to the end of the Performance Period, the Unvested Performance RSUs shall vest immediately as of the date the Participant is determined to be Disabled with respect to the Initial Grant Number of Shares underlying the Performance RSUs, regardless of whether the Participant terminates employment prior to the Vesting Date. In the event the Participant becomes Disabled after the end of the Performance Period, the Unvested Performance RSUs shall vest with respect to the number of Shares underlying the Performance RSUs that would have vested in accordance with Appendix A regardless of whether the Participant continues employment through the Vesting Date. "Disabled" with respect to the Participant means, when and if, as a result of disease, injury or mental disorder, the Participant is incapable of engaging in regular service or occupation with the Company or the Employer (as defined in paragraph e) which has lasted or can be expected to last for a continuous period of not less than 12 months, as determined by the Company.
- (e) For purposes of this Agreement, employment shall include being an employee with the Company. Employment shall also include being an employee with any direct or indirect parent or subsidiary of the Company, or any successor to the Company or any such parent or subsidiary of the Company (the "Employer"). Should a Participant transfer employment to become a director, consultant or advisor to the Company or the Employer following the Date of Grant, he or she will still be considered employed for vesting purposes until he or she ceases to provide services to the Company or any direct or indirect parent or subsidiary of the Company, or any successor to the Company or any such parent or subsidiary of the Company.
3. Restrictions on Transfer.
- (a) The Participant shall not sell, assign, transfer, pledge or otherwise encumber any Performance RSUs, either voluntarily or by operation of law.
- (b) The Company shall not be required (i) to transfer on its books any of the Performance RSUs which have been transferred in violation of any of the provisions set forth herein or (ii) to treat as the owner of such Performance RSUs any transferee to whom such Performance RSUs have been transferred in violation of any of the provisions contained herein.
4. Not a Shareholder. The Performance RSUs represent an unfunded, unsecured promise by the Company to deliver Shares upon vesting and conversion of the Performance RSUs, and until vesting of the Performance RSUs and issuance of the Shares, the Participant shall not have any of the rights of a shareholder with respect to the Shares underlying the Performance RSUs. For the avoidance of doubt, the Participant shall have no right to receive any dividends and shall have no voting rights with respect to the Shares underlying the Performance RSUs for which the record date is on or before the date on which the Shares underlying the Performance RSUs are issued to the Participant.
5. Provisions of the Plan. The Performance RSUs and Shares, including the grant and issuance thereof, are subject to the provisions of the Plan. A copy of the Plan prospectus is available on the Company's Intranet at <https://thecircuit.web.analog.com/Pages/CircuitHome.aspx>. (From The Circuit home page, click Knowledge Centers, HR, Employee Stock Programs. The related documents can be found in the right-hand column). If the Participant is unable to access this information via the Intranet, the Company's Stock Plan Administrator can provide the Participant with copies (Stock_Plan_Admin@Analog.com).
6. Withholding Taxes.
- (a) Regardless of any action the Company and/or the Employer, if different, takes with respect to any or all income tax (including U.S. federal, state and local taxes and/or non-U.S. taxes), social insurance, payroll tax, fringe benefits tax, payment on account or other tax-related withholding ("Tax-Related Items"), the Participant acknowledges that the ultimate liability for all Tax-Related Items legally applicable to the Participant is and remains the Participant's responsibility and may exceed the amount, if any, actually withheld by the Company or the Employer. The Participant further acknowledges that the Company and the Employer (i) make no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of the Performance RSUs, including the grant of the Performance RSUs, the vesting of the Performance RSUs, the subsequent sale of any Shares acquired pursuant to the Performance RSUs and the receipt of any dividends; and (ii) do not commit to structure the terms of the grant or any aspect of the Performance RSUs to reduce or eliminate the Participant's liability for Tax-Related Items or achieve any particular tax result. Further, if the Participant becomes subject to Tax-Related Items in more than one jurisdiction between the Date of Grant and the date of any relevant taxable or tax withholding event, as applicable, the Participant acknowledges that the Company and/or the Employer may be required to withhold or account for Tax-Related Items in more than one jurisdiction.
- (b) Prior to any relevant taxable or tax withholding event, as applicable, the Participant will pay or make adequate arrangements satisfactory to the Company to satisfy all Tax-Related Items. In this regard, the Participant authorizes the Company and/or the Employer, or their respective agents, at their discretion, to satisfy the obligations with regard to all Tax-Related Items by one or a combination of the methods set forth below:
- (i) the Company may withhold a sufficient number of whole Shares otherwise issuable upon the vesting of the Performance RSUs that have an aggregate Fair Market Value (as defined under the Plan) sufficient to pay the minimum Tax-Related

Items required to be withheld with respect to the Shares. The cash equivalent of the Shares withheld will be used to settle the obligation to withhold the Tax-Related Items (determined by reference to the closing price of the Common Stock on the Nasdaq Global Select Market on the applicable vesting date);

or

- (ii) the Company may, in its discretion, withhold any amount necessary to pay the Tax-Related Items from the Participant's salary or other amounts payable to the Participant; or
- (iii) the Company may withhold from proceeds of the sale of Shares either through a voluntary sale or through a mandatory sale arranged by the Company (on the Participant's behalf pursuant to this authorization).

provided, however, that if the Participant is a Section 16 officer of the Company under the Exchange Act, then the Company will withhold a sufficient number of whole Shares otherwise issuable upon the vesting of the Performance RSUs pursuant to (i) above, unless the use of such withholding method is problematic under applicable tax or securities law or has materially adverse accounting consequences, in which case, the obligation for Tax-Related Items will be satisfied pursuant to (iii).

The Company may withhold or account for Tax-Related Items by considering applicable statutory withholding amounts or other applicable withholding rates, including maximum applicable rates in the Participant's jurisdiction(s). If the obligation for Tax-Related Items is satisfied by withholding in Shares, for tax purposes, the Participant is deemed to have been issued the full number of Shares subject to the vested Performance RSU, notwithstanding that a number of the Shares are held back solely for the purpose of paying the Tax-Related Items.

In the event the withholding requirements are not satisfied through the withholding of Shares or through the Participant's salary or other amounts payable to the Participant, no Shares will be issued upon vesting of the Performance RSUs unless and until satisfactory arrangements (as determined by the Compensation Committee of the Board) have been made by the Participant with respect to the payment of any Tax-Related Items which the Company and/or the Employer determine, in each of its sole discretion, must be withheld or collected with respect to such Performance RSUs. No fractional Shares will be withheld or issued pursuant to the grant of the Performance RSUs and the issuance of Shares hereunder. By accepting this grant of Performance RSUs, the Participant expressly consents to the withholding of Shares and/or cash as provided for hereunder. All other Tax-Related Items related to the Performance RSUs and any Shares delivered in payment thereof are the Participant's sole responsibility.

- 7. Option of Company to Deliver Cash. Notwithstanding any of the other provisions of this Agreement, and except as set forth in Appendix B, where share settlement is otherwise prohibited under local law or may present adverse tax consequences to the Participant, at the time the Performance RSUs vest, the Company may elect, in the sole discretion of the Compensation Committee of the Board, to deliver by wire transfer to the Participant in lieu of Shares an equivalent amount of cash (determined by reference to the closing price of the Common Stock on the Nasdaq Global Select Market on the applicable vesting date). If the Company elects to deliver cash to the Participant, the Company is authorized to retain such amount as is sufficient in the opinion of the Company to satisfy the Tax-Related Items withholding obligations of the Company pursuant to Section 6 herein.
- 8. Repatriation and Other Legal Requirements. The Participant agrees as a condition of the grant of the Performance RSUs, as applicable, to repatriate all payments attributable to the Shares and/or cash acquired under the Plan (including, but not limited to, dividends and any proceeds derived from the sale of the Shares acquired pursuant to the Performance RSUs) in accordance with all foreign exchange rules and regulations applicable to the Participant. In addition, the Participant also agrees to take any and all actions, and consent to any and all actions taken by the Company and its subsidiaries, as may be required to allow the Company and its subsidiaries to comply with all laws, rules and regulations applicable to the Participant. Finally, the Participant agrees to take any and all actions as may be required to comply with the Participant's personal legal and tax obligations under all laws, rules and regulations applicable to the Participant.
- 9. Miscellaneous.
 - (a) No Rights to Employment. The grant of the Performance RSUs shall not confer upon the Participant any right to continue in the employ of the Company or the Employer, nor limit in any way the right of the Company or the Employer to terminate the Participant's employment at any time. Except in the event of disability or termination of employment due to death, the vesting of the Performance RSUs pursuant to Section 2 and Appendix A, is earned only by satisfaction of the performance-based vesting conditions and continuing service as an employee at the will of the Company or the Employer through the Vesting Date (not through the act of being hired or engaged or being granted the Performance RSUs hereunder).
 - (b) Discretionary Nature. The Participant acknowledges and agrees that the Plan is discretionary in nature and may be amended, cancelled, or terminated by the Company at any time, to the extent permitted under the Plan. The Participant's participation in the Plan is voluntary. The grant of the Performance RSUs under the Plan is a one-time benefit and does not create any contractual or other right to receive a grant of Performance RSUs or any other award under the Plan or other benefits in lieu thereof in the future. Future grants, if any, will be at the sole discretion of the Company, including, but not limited to, the form and timing of any grant, the number of Shares subject to the grant, and the vesting provisions. Any amendment, modification or termination of the Plan shall not constitute a change or impairment of the terms and conditions of the Participant's employment with the Company or the Employer. The Performance RSUs and income from such Performance RSUs shall not be included in any calculation of severance, resignation, redundancy, end of service payments, bonuses, long-

service awards, holiday pay, pension, or retirement benefits or similar payments. The Performance RSUs should in no event be considered as compensation for, or relating in any way to, past services for the Company or the Employer.

- (c) Exclusion from Termination Indemnities and Other Benefits. This Section 9(c) applies if the Participant resides outside the U.S.: The value of the Performance RSUs and any other awards granted under the Plan is an extraordinary item of compensation outside the scope of the Participant's employment with the Company or the Employer (and the Participant's employment contract, if any). Any grant under the Plan, including the grant of the Performance RSUs and the income and value of same, is not part of normal or expected compensation or salary. Further, the Performance RSUs and the Shares, and the income and value of same, are not intended to replace any pension rights or compensation.
- (d) No Entitlement. This Section 9(d) applies if the Participant resides outside the U.S. and/or the Company is not the Participant's employer: In consideration of the grant of Performance RSUs, no claim or entitlement to compensation or damages shall arise from forfeiture of the Performance RSUs resulting from termination of the Participant's employment with the Company or the Employer (regardless of the reason for such termination and whether or not later to be found invalid or in breach of employment laws in the jurisdiction where the Participant is employed or the terms of the Participant's employment contract, if any) and the Participant irrevocably releases the Company from any such claim that may arise; if, notwithstanding the foregoing, any such claim is found by a court of competent jurisdiction to have arisen, the Participant shall be deemed irrevocably to have waived the Participant's entitlement to pursue such claim.
- (e) Exchange Rates. This Section 9(e) applies if the Participant resides outside the U.S.: The Participant acknowledges and agrees that neither the Company nor the Employer shall be liable for any foreign exchange rate fluctuation between the Participant's local currency and the United States Dollar that may affect the value of the Performance RSUs or of any amounts due to the Participant pursuant to the vesting and settlement of the Performance RSUs or the subsequent sale of any Shares.
- (f) Future Value of Shares. The future value of the underlying Shares is unknown, indeterminable, and cannot be predicted with certainty.
- (g) Severability. The invalidity or unenforceability of any provision of this Agreement shall not affect the validity or enforceability of any other provision of this Agreement, and each other provision of this Agreement shall be severable and enforceable to the extent permitted by law.
- (h) Binding Effect. This Agreement shall be binding upon and inure to the benefit of the Company and the Participant and his or her respective heirs, executors, administrators, legal representatives, successors and assigns, subject to the restrictions on transfer set forth in Section 3 of this Agreement.
- (i) Notice. Each notice relating to this Award shall be in writing (which shall include electronic form) and delivered in person, electronically or by first class mail, postage prepaid, to the address as hereinafter provided. Each notice shall be deemed to have been given on the date it is received. Each notice to the Company shall be addressed to it at its offices at Analog Devices, Inc., One Technology Way, Norwood, Massachusetts, 02062, Attention: Chief Financial Officer. Each notice to the Participant shall be addressed to the Participant at the Participant's last known mailing or email address, as applicable, on the records of the Company.
- (j) Pronouns. Whenever the context may require, any pronouns used in this Agreement shall include the corresponding masculine, feminine or neuter forms, and the singular form of nouns and pronouns shall include the plural, and vice versa.
- (k) Entire Agreement. This Agreement and the Plan constitute the entire understanding between the parties, and supersede all prior agreements and understandings, relating to the subject matter of these documents.
- (l) Governing Law. This Agreement shall be construed, interpreted and enforced in accordance with the internal laws of the Commonwealth of Massachusetts without regard to any applicable conflicts of laws.
- (m) Compliance with Laws. Notwithstanding any other provision of the Plan or this Agreement, unless there is an available exemption from any registration, qualification or other legal requirement applicable to the Shares, the Company shall not be required to deliver any Shares prior to the completion of any registration or qualification of the Shares under any local, state, federal or foreign securities or exchange control law or under rulings or regulations of the U.S. Securities and Exchange Commission ("SEC") or of any other governmental regulatory body, or prior to obtaining any approval or other clearance from any local, state, federal or foreign governmental agency, which registration, qualification or approval the Company shall, in its absolute discretion, deem necessary or advisable. The Participant understands that the Company is under no obligation to register or qualify the Shares with the SEC or any state or foreign securities commission or to seek approval or clearance from any governmental authority for the issuance or sale of the Shares. The Participant also understands and agrees that the Awards granted under the Plan, including the Performance RSUs and the underlying Shares, are subject to the listing standards of any national securities exchange or association on which the Company's securities are listed or as is otherwise required by the Dodd-Frank Wall Street Reform and Consumer Protection Act, and any SEC regulations, as now or hereafter in effect. Further, the Participant agrees that the Company shall have unilateral authority to amend the Plan and the Agreement without the Participant's consent to the extent necessary to comply with securities or other laws applicable to issuance of Shares.
- (n) Interpretation. The interpretation and construction of any terms or conditions of this Agreement or the Plan, or other matters related to the Plan, by the Compensation Committee of the Board shall be final and conclusive.
- (o) Participant's Acceptance. The Participant is urged to read this Agreement carefully and to consult with his or her own legal counsel regarding the terms and consequences of this Agreement and the legal and binding effect of this Agreement. By

virtue of his or her acceptance of this Award, the Participant is deemed to have accepted and agreed to all of the terms and conditions of this Agreement and the provisions of the Plan.

- (p) Electronic Delivery. The Company may, in its sole discretion, decide to deliver any documents related to the Performance RSUs or other awards granted to the Participant under the Plan by electronic means. The Participant hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan through an on-line or electronic system established and maintained by the Company or a third party designated by the Company.
- (q) English Language. The Participant acknowledges and agrees that it is the Participant's express intent that this Agreement, the Plan and all other documents, notices and legal proceedings entered into, given or instituted pursuant to the Performance RSUs, be drawn up in English. If the Participant has received this Agreement, the Plan or any other documents related to the Performance RSUs translated into a language other than English, and if the meaning of the translated version is different than the English version, the English version shall control.
- (r) Appendix B. Notwithstanding any provisions herein to the contrary, if the Participant transfers the Participant's residence and/or employment to a country other than the United States, the Performance RSUs shall be subject to any special terms and conditions for such country as may be set forth in Appendix B to this Agreement. Moreover, if the Participant relocates to one of the countries included in Appendix B, the special terms and conditions for such country will apply to the Participant, to the extent the Company determines that the application of such terms and conditions is necessary or advisable in order to comply with local law or facilitate the administration of the Plan. Appendix B constitutes part of this Agreement.
- (s) Additional Requirements. The Company reserves the right to impose other requirements on the Performance RSUs, any Shares acquired pursuant to the Performance RSUs, and the Participant's participation in the Plan, to the extent the Company determines, in its sole discretion, that such other requirements are necessary or advisable for legal or administrative reasons. Such requirements may include (but are not limited to) requiring the Participant to sign any agreements or undertakings that may be necessary to accomplish the foregoing.
- (t) Private Placement. The Company has submitted filings in the United States in connection with the stock incentive plan under which this Award was made. The Company has not submitted any registration statement, prospectus or other filings with other local securities authorities (unless otherwise required under such local law), and the grant of the Award is not intended to be a public offering of securities in any other jurisdiction or subject to the supervision of other local securities authorities.
- (u) Changes in Capitalization. In the event of any stock split, reverse stock split, stock dividend, recapitalization, combination of shares, reclassification of shares, spin-off or other similar change in capitalization or event, or any non-cash distribution to holders of Common Stock, the number of Performance RSUs, and Shares issuable upon vesting and conversion thereof, shall be appropriately adjusted in such manner as shall be determined by the Compensation Committee.
- (v) No Advice Regarding Grant. The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding the Participant's participation in the Plan, or the Participant's acquisition or sale of Shares. The Participant is encouraged to consult with his or her own personal tax, legal and financial advisors regarding his or her participation in the Plan before taking any action related to the Plan.
- (w) Insider Trading Restrictions/Market Abuse Laws. The Participant acknowledges that, depending on the Participant's or the Participant's broker's country of residence or where the Common Stock is listed, the Participant may be subject to insider trading restrictions and/or market abuse laws in applicable jurisdictions which may affect the Participant's ability to accept, acquire, sell, or otherwise dispose of Common Stock, rights to Common Stock (e.g., Performance RSUs), or rights linked to the value of Common Stock (e.g., phantom awards, futures) under the Plan during such times as the Participant is considered to have "inside information" regarding the Company (as defined by the laws or regulations in the Participant's country). Local insider trading laws and regulations may prohibit the cancellation or amendment of orders the Participant placed before possessing inside information. Furthermore, the Participant could be prohibited from (i) disclosing the inside information to any third party (other than on a "need to know" basis) and (ii) "tipping" third parties or causing them otherwise to buy or sell securities. Keep in mind third parties includes fellow employees. Any restrictions under these laws or regulations are separate from and in addition to any restrictions that may be imposed under any applicable Company insider trading policy. The Participant acknowledges that it is his or her responsibility to comply with any applicable restrictions, and the Participant should speak to his or her personal advisor on this matter.
- (x) Foreign Asset/Account, Exchange Control, and Tax Reporting. Depending on the Participant's country, the Participant may be subject to foreign asset/account, exchange control and/or tax reporting requirements as a result of the vesting of the Performance RSUs, the acquisition, holding, and/or transfer of Shares or cash resulting from participation in the Plan and/or the opening and maintenance of a brokerage or bank account in connection with the Plan. The Participant may be required to report such assets, accounts, account balances and values and/or related transactions to the applicable authorities in his or her country. The Participant also may be required to repatriate sale proceeds or other funds received as a result of participation in the Plan to the Participant's country through a designated broker or bank and/or within a certain time after receipt. The Participant acknowledges that he or she is responsible for ensuring compliance with any applicable foreign asset/account, exchange control and tax reporting requirements. The Participant further understands that he or she should consult the Participant's personal legal advisor on these matters.
- (y) Waiver. The Participant acknowledges that a waiver by the Company or breach of any provision of this Agreement shall not operate or be construed as a waiver of any other provision of this Agreement, or of any subsequent breach by the Participant or any other participant.

/s/ Ray Stata

Ray Stata
Chairman of the Board

/s/ Vincent Roche

Vincent Roche
President & Chief Executive Officer

APPENDIX A TO

AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT

1. Performance Period. The three-year period beginning on Grant Date and ending on Grant Custom 1 (the "Performance Period").
2. Vesting Date. Cliff Vesting Date.
3. Determination Date: The date the Compensation Committee of the Board determines the level of attainment of the Performance Parameters. The Determination Date shall be a date as soon as possible following the end of the Performance Period but prior to the Vesting Date.
4. Performance-Based Vesting Terms. Subject to Section 2(a) through 2(d) of the Performance Restricted Stock Unit Agreement, the Participant shall vest on the Vesting Date in the number of Performance RSUs, if any, that the Compensation Committee of the Board shall determine to be vested based on the determination of the level of attainment of the Performance Parameters, provided the Participant continues to provide services to the Company or Employer or respective successor through the Vesting Date.
5. Performance Parameters. The Performance Parameters are based on the comparison of the TSR (as defined below) of the Company relative to the median TSR of the Peer Group (as defined below) during the Performance Period and are equal to 100% plus or minus one and a half times the difference between the Company's TSR and the median Peer Group TSR. The number of Performance RSUs that shall vest shall be equal to a number of Performance RSUs that is between 0% and 200% of the Initial Grant Number, up to a maximum of 100% of the Initial Grant Number if the Company's TSR is negative. Attainment among Performance Parameters is subject to interpolation on a linear basis.

"Peer Group" shall mean a peer group of companies established by the Compensation Committee of the Board at the time the Performance RSUs are granted to the Participant and the stock of which continues to be traded on a publicly traded stock exchange as of the last day of the Performance Period.

Total Shareholder Return ("TSR") shall be computed according to the following formula:

$$\text{TSR} = \frac{(\text{Ending Stock Price} - \text{Beginning Stock Price} + \text{Cumulative Cash Dividend Payments})}{(\text{Beginning Stock Price})}$$

"Beginning Stock Price" shall mean the average of the closing prices of the applicable stock for the 90 calendar days starting and including the first day of the Performance Period.

"Ending Stock Price" shall mean the average of the closing price of the applicable stock for the 90 calendar days up to and including the last day of the Performance Period.

"Cumulative Cash Dividend Payments" shall mean the sum of all cash dividends declared during the Performance Period, based on their ex-dividend date.

The stock prices and cash dividend payments reflected in the calculation of TSR shall be adjusted to reflect stock splits during the Performance Period, and dividends shall not be reinvested in the calculation of TSR.

**APPENDIX B TO
AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT**

Three examples are set forth below:

Payout Percent	Number of Potential Shares Attained	Performance Parameters
0%	0	Company TSR minus Peer Group Median TSR is less than or equal to -66.67
100%	Number of Awards Granted	Company TSR minus Peer Group Median TSR equals 0
200%	Grant Custom 2	Company TSR minus Peer Group Median TSR is greater than or equal to +66.67

The Performance Parameters shall be subject to the adjustments approved by the Compensation Committee of the Board and set forth in writing at the time the Performance Parameters are approved.

This Appendix B includes additional terms and conditions that govern the Performance RSUs granted to the Participant if the Participant resides and/or works in one of the countries listed herein. These terms and conditions are in addition to, or, if so indicated, in place of, the terms and conditions set forth in the Agreement. Capitalized terms used but not defined in this Appendix B shall have the meanings set forth in the Plan and/or the Agreement.

This Appendix B also includes certain issues of which the Participant should be aware with respect to his or her participation in the Plan. The information is based on the securities, exchange control, income tax and other laws in effect in the respective countries as of October 2018. Such laws are often complex and change frequently. As a result, the Company strongly recommends that the Participant not rely on the information noted herein as the only source of information relating to the consequences of participation in the Plan because the information may be out of date when the Performance RSUs vest or Shares acquired under the Plan subsequently are sold.

In addition, the information is general in nature and may not apply to the Participant's particular situation, and the Company is not in a position to assure the Participant of any particular result. Therefore, the Participant should seek appropriate professional advice as to how the relevant laws in the Participant's country may apply to his or her situation.

Finally, the Participant understands that if he or she is a citizen or resident of a country other than the one in which the Participant is currently residing and/or working, transfers employment after the Date of Grant, or is considered a resident of another country for local law purposes, the information contained herein may not apply to the Participant, and the Company shall, in its discretion, determine to what extent the terms and conditions contained herein shall apply.

TERMS AND CONDITIONS APPLICABLE TO PARTICIPANTS OUTSIDE THE U.S.

Data Privacy Information and Consent. The Company is located at One Technology Way, Norwood, Massachusetts, 02062 U.S.A. and grants employees of the Company and its subsidiaries Performance RSUs, at the Company's sole discretion. If the Participant would like to participate in the Plan, please review the following information about the Company's data processing practices and declare the Participant's consent.

- (a) **Data Collection and Usage.** The Company collects, processes and uses personal data of Participants, including, name, home address and telephone number, date of birth, social insurance number or other identification number, salary, citizenship, job title, any shares of stock or directorships held in the Company, and details of all Performance RSUs, canceled, vested, or outstanding in the Participant's favor, which the Company receives from the Participant or the Employer. If the Company offers the Participant a grant of Performance RSUs under the Plan, then the Company will collect the Participant's personal data for purposes of allocating stock and implementing, administering and managing the Plan. The Company's legal basis for the processing of the Participant's personal data would be his or her consent.
- (b) **Stock Plan Administration Service Providers.** The Company transfers participant data to Fidelity, an independent service provider based in the United States, which assists the Company with the implementation, administration and management of the Plan. In the future, the Company may select a different service provider and share the Participant's data with another company that serves in a similar manner. The Company's service provider will open an account for the Participant to receive and trade shares of Common Stock. The Participant will be asked to agree on separate terms and data processing practices with the service provider, which is a condition to the Participant's ability to participate in the Plan.

APPENDIX B TO
AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT

- (c) International Data Transfers. The Company and its service providers are based in the United States. If the Participant is outside the United States, the Participant should note that his or her country has enacted data privacy laws that are different from the United States. For example, the European Commission has issued a limited adequacy finding with respect to the United States that applies only to the extent companies register for the EU-U.S. Privacy Shield program. The Company's legal basis for the transfer of the Employee's personal data is his or her consent.
- (d) Data Retention. The Company will use the Participant's personal data only as long as is necessary to implement, administer and manage the Participant's participation in the Plan or as required to comply with legal or regulatory obligations, including under tax and security laws. When the Company no longer needs the Participant's personal data, which will generally be seven years after the Participant is granted Performance RSUs under the Plan, the Company will remove it from its systems. If the Company keeps data longer, it would be to satisfy legal or regulatory obligations and the Company's legal basis would be relevant laws or regulations.
- (e) Voluntariness and Consequences of Consent Denial or Withdrawal. The Participant's participation in the Plan and the Participant's grant of consent is purely voluntary. The Participant may deny or withdraw his or her consent at any time. If the Participant does not consent, or if the Participant withdraws his or her consent, the Participant cannot participate in the Plan. This would not affect the Participant's salary as an employee or his or her career; the Participant would merely forfeit the opportunities associated with the Plan.
- (f) Data Subject Rights. The Participant has a number of rights under data privacy laws in his or her country. Depending on where the Participant is based, the Participant's rights may include the right to (a) request access or copies of personal data the Company processes, (b) rectification of incorrect data, (c) deletion of data, (d) restrictions on processing, (e) portability of data, (f) to lodge complaints with competent authorities in the Participant's country, and/or (g) a list with the names and addresses of any potential recipients of the Participant's personal data. To receive clarification regarding the Participant's rights or to exercise the Participant's rights please contact the Company at Analog Devices, Inc., One Technology Way, Norwood, Massachusetts, 02062 U.S.A., Attention: Stock Plan Administrator.

If the Participant agrees with the data processing practices described in this notice, please declare the Participant's consent by clicking "Accept Your Grant" on the Accepting Your Grants page on Fidelity's participant website.

Ireland

Exclusion from Termination Indemnities and Other Benefits. This provision supplements Section 9(b) of the Agreement:

By accepting the Performance RSUs, the Participant acknowledges, understands, and agrees that the benefits received under the Plan will not be taken into account for any redundancy or unfair dismissal claim.

**AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT**

Private & Confidential (Addressee Only)

Participant Name

Employee ID

Grant ID: Client Grant ID

We are pleased to advise you (the "Participant") that Analog Devices, Inc., a Massachusetts corporation (the "Company"), has granted to the Participant that number of Performance Restricted Stock Units ("Performance RSUs") set forth below, subject to the terms and conditions of the Analog Devices, Inc. Amended and Restated 2006 Stock Incentive Plan (the "Plan") and this Performance Restricted Stock Unit Agreement, including Appendix A, which includes additional performance-based vesting conditions, and Appendix B, which includes any applicable country-specific provisions. This Performance Restricted Stock Unit Agreement, together with Appendix A and Appendix B, is referred to as the "Agreement." The grant of Performance RSUs reflects the Company's confidence in the Participant's commitment and contributions to the success and continued growth of the Company. All terms not defined in this Agreement shall have the meaning set forth in the Plan.

1. Performance Restricted Stock Unit.

Subject to the terms and conditions of the Plan and this Agreement, the Company has granted to the Participant that number of Performance RSUs (the "Award") effective on the Date of Grant set forth below:

Date of Grant: **Grant Date**

Number of Performance RSUs ("Initial Grant Number"): **Number of Awards Granted**

Vesting Date: **Cliff Vesting Date**

If the Participant resides in Australia, Canada, a European Economic Area or European Union member state, Hong Kong, India, Israel, Japan, Serbia, Switzerland, Taiwan, or Turkey, due to local legal requirements the Participant **must accept** this Agreement no later than Grant Custom 4 or **this Award shall terminate and will become null and void**. For purposes of this Agreement, the Participant is deemed to reside in the country where his or her Employer is located. In addition, if the Participant resides in Israel, written consent may be required by Grant Custom 3, the Participant should refer to Appendix B for details.

If the Participant resides in the United States or any other country listed in Appendix B and not listed in the paragraph above and does not accept this Agreement by Grant Custom 4, or such other date that may be communicated, the Company will automatically accept the Agreement on the Participant's behalf. If the Participant declines this Agreement, this Award shall terminate and will become null and void. The Participant may not decline this Agreement on or after Grant Custom 4.

Each one (1) Performance RSU shall, if and when it vests in accordance with this Agreement, automatically convert into one (1) share of common stock, US\$0.16 2/3 par value, of the Company ("Common Stock") issuable as provided below. The Performance RSUs are subject to the vesting provisions set forth in Section 2 (including any performance-based vesting conditions set forth in Appendix A), the restrictions on transfer set forth in Section 3, and the right of the Company to retain Shares (as defined below) pursuant to Section 7.

2. Vesting and Conversion.

- (a) Subject to the terms of the Plan and this Agreement, the Performance RSUs shall vest in accordance with the vesting conditions set forth in this Section 2 and the performance-based vesting conditions set forth in Appendix A. For purposes of this Agreement, Performance RSUs that have not vested as of the Vesting Date in accordance with this Section 2 and Appendix A are referred to as "Unvested Performance RSUs." The shares of Common Stock that are issuable upon the vesting and conversion of the Performance RSUs are referred to in this Agreement as "Shares." As soon as administratively practicable after the vesting and conversion of Performance RSUs (and in any event within sixty (60) days of the vesting date or event, as applicable), and subject to the terms and conditions set forth in the Agreement, the Company shall deliver or cause to be delivered evidence (which may include a book entry by the Company's transfer agent) of the Shares so issued in the name of the Participant to the brokerage firm designated by the Company to maintain the brokerage account established for the Participant or the Participant's heirs, in the case of Section 2(c). Notwithstanding the foregoing, the Company shall not be obligated to issue Shares to or in the name of the Participant upon the vesting and conversion of any Performance RSUs unless the issuance of such Shares shall comply with all relevant provisions of law and other legal requirements including, without limitation, any applicable securities laws and the requirements of any stock exchange upon which shares of Common Stock may then be listed.
- (b) In the event the Participant's employment with the Company or the Employer (as defined in Section 2(e)) is terminated either by the Participant, the Company, or the Employer for any reason or no reason (other than due to death or Disability), then in each such

case, all of the Unvested Performance RSUs as of the date of termination shall terminate and be cancelled immediately and automatically and the Participant shall have no further rights with respect to such Unvested Performance RSUs.

- (c) In the event of the Participant's death prior to the end of the Performance Period, the Unvested Performance RSUs shall vest immediately upon death based on the following attainment levels for each of the Performance Measurement Periods: (i) if the death occurs following the last day of a Performance Measurement Period, an attainment level based on the actual attainment level determined by the Compensation Committee of the Board for each of the Performance Measurement Periods ending prior to the Participant's death; and (ii) if the termination occurs prior to the last day of a Performance Measurement Period, an attainment level equal to 100% for each of the Performance Measurement Periods that end subsequent to the Participant's death. In the event of the Participant's death after the end of the Performance Period but prior to the Vesting Date, the Unvested Performance RSUs shall vest, on the date that the attainment level is determined, with respect to the number of Shares underlying the Performance RSUs that become eligible to vest based on the attainment level determined by the Compensation Committee of the Board.
- (d) In the event the Participant becomes Disabled prior to the end of the Performance Period, the Unvested Performance RSUs shall vest immediately as of the date the Participant is determined to be Disabled (regardless of whether the Participant terminates employment prior to the Vesting Date) based on the following attainment levels for each of the Performance Periods: (i) if the Participant is determined to be Disabled following the last day of a Performance Measurement Period, an attainment level based on the actual attainment level determined by the Compensation Committee of the Board for each of the Performance Measurement Periods ending prior to the date that the Participant is determined to be Disabled; and (ii) if the Participant is determined to be Disabled prior to the last day of a Performance Measurement Period, an attainment level equal to 100% for each of the Performance Measurement Periods that end subsequent to the date that the Participant is determined to be Disabled. In the event the Participant is determined to be Disabled after the end of the Performance Period but prior to the Vesting Date, the Unvested Performance RSUs shall vest, on the date that the attainment level is determined, with respect to the number of Shares underlying the Performance RSUs that become eligible to vest based on the attainment level determined by the Compensation Committee of the Board. "Disabled" with respect to the Participant means, when and if, as a result of disease, injury or mental disorder, the Participant is incapable of engaging in regular service or occupation with the Company or the Employer (as defined in paragraph e) which has lasted or can be expected to last for a continuous period of not less than 12 months, as determined by the Company.
- (e) For purposes of this Agreement, employment shall include being an employee with the Company. Employment shall also include being an employee with any direct or indirect parent or subsidiary of the Company, or any successor to the Company or any such parent or subsidiary of the Company (the "Employer"). Should a Participant transfer employment to become a director, consultant or advisor to the Company or the Employer following the Date of Grant, he or she will still be considered employed for vesting purposes until he or she ceases to provide services to the Company or any direct or indirect parent or subsidiary of the Company, or any successor to the Company or any such parent or subsidiary of the Company.

3. Restrictions on Transfer.

- (a) The Participant shall not sell, assign, transfer, pledge or otherwise encumber any Performance RSUs, either voluntarily or by operation of law.
- (b) The Company shall not be required (i) to transfer on its books any of the Performance RSUs which have been transferred in violation of any of the provisions set forth herein or (ii) to treat as the owner of such Performance RSUs any transferee to whom such Performance RSUs have been transferred in violation of any of the provisions contained herein.

4. Not a Shareholder. The Performance RSUs represent an unfunded, unsecured promise by the Company to deliver Shares upon vesting and conversion of the Performance RSUs, and until vesting of the Performance RSUs and issuance of the Shares, the Participant shall not have any of the rights of a shareholder with respect to the Shares underlying the Performance RSUs. For the avoidance of doubt, the Participant shall have no right to receive any dividends and shall have no voting rights with respect to the Shares underlying the Performance RSUs for which the record date is on or before the date on which the Shares underlying the Performance RSUs are issued to the Participant.

5. Provisions of the Plan. The Performance RSUs and Shares, including the grant and issuance thereof, are subject to the provisions of the Plan. A copy of the Plan prospectus is available on the Company's Intranet at <https://thecircuit.web.analog.com/Pages/CircuitHome.aspx>. (From The Circuit home page, click Knowledge Centers, HR, Employee Stock Programs. The related documents can be found in the right-hand column). If the Participant is unable to access this information via the Intranet, the Company's Stock Plan Administrator can provide the Participant with copies (Stock_Plan_Admin@Analog.com).

6. Withholding Taxes.

- (a) Regardless of any action the Company and/or the Employer, if different, takes with respect to any or all income tax (including U.S. federal, state and local taxes and/or non-U.S. taxes), social insurance, payroll tax, fringe benefits tax, payment on account or other

tax-related withholding (“Tax-Related Items”), the Participant acknowledges that the ultimate liability for all Tax-Related Items legally applicable to the Participant is and remains the Participant’s responsibility and may exceed the amount, if any, actually withheld by the Company or the Employer. The Participant further acknowledges that the Company and the Employer (i) make no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of the Performance RSUs, including the grant of the Performance RSUs, the vesting of the Performance RSUs, the subsequent sale of any Shares acquired pursuant to the Performance RSUs and the receipt of any dividends; and (ii) do not commit to structure the terms of the grant or any aspect of the Performance RSUs to reduce or eliminate the Participant’s liability for Tax-Related Items or achieve any particular tax result. Further, if the Participant becomes subject to Tax-Related Items in more than one jurisdiction between the Date of Grant and the date of any relevant taxable or tax withholding event, as applicable, the Participant acknowledges that the Company and/or the Employer may be required to withhold or account for Tax-Related Items in more than one jurisdiction.

- (b) Prior to any relevant taxable or tax withholding event, as applicable, the Participant will pay or make adequate arrangements satisfactory to the Company to satisfy all Tax-Related Items. In this regard, the Participant authorizes the Company and/or the Employer, or their respective agents, at their discretion, to satisfy the obligations with regard to all Tax-Related Items by one or a combination of the methods set forth below:
- (i) the Company may withhold a sufficient number of whole Shares otherwise issuable upon the vesting of the Performance RSUs that have an aggregate Fair Market Value (as defined under the Plan) sufficient to pay the minimum Tax-Related Items required to be withheld with respect to the Shares. The cash equivalent of the Shares withheld will be used to settle the obligation to withhold the Tax-Related Items (determined by reference to the closing price of the Common Stock on the Nasdaq Global Select Market on the applicable vesting date); or
 - (ii) the Company may, in its discretion, withhold any amount necessary to pay the Tax-Related Items from the Participant’s salary or other amounts payable to the Participant; or
 - (iii) the Company may withhold from proceeds of the sale of Shares either through a voluntary sale or through a mandatory sale arranged by the Company (on the Participant’s behalf pursuant to this authorization).

provided, however, that if the Participant is a Section 16 officer of the Company under the Exchange Act, then the Company will withhold a sufficient number of whole Shares otherwise issuable upon the vesting of the Performance RSUs pursuant to (i) above, unless the use of such withholding method is problematic under applicable tax or securities law or has materially adverse accounting consequences, in which case, the obligation for Tax-Related Items will be satisfied pursuant to (iii).

The Company may withhold or account for Tax-Related Items by considering applicable statutory withholding amounts or other applicable withholding rates, including maximum applicable rates in the Participant’s jurisdiction(s). If the obligation for Tax-Related Items is satisfied by withholding in Shares, for tax purposes, the Participant is deemed to have been issued the full number of Shares subject to the vested Performance RSU, notwithstanding that a number of the Shares are held back solely for the purpose of paying the Tax-Related Items.

In the event the withholding requirements are not satisfied through the withholding of Shares or through the Participant’s salary or other amounts payable to the Participant, no Shares will be issued upon vesting of the Performance RSUs unless and until satisfactory arrangements (as determined by the Compensation Committee of the Board) have been made by the Participant with respect to the payment of any Tax-Related Items which the Company and/or the Employer determine, in each of its sole discretion, must be withheld or collected with respect to such Performance RSUs. No fractional Shares will be withheld or issued pursuant to the grant of the Performance RSUs and the issuance of Shares hereunder. By accepting this grant of Performance RSUs, the Participant expressly consents to the withholding of Shares and/or cash as provided for hereunder. All other Tax-Related Items related to the Performance RSUs and any Shares delivered in payment thereof are the Participant’s sole responsibility.

7. Option of Company to Deliver Cash. Notwithstanding any of the other provisions of this Agreement, and except as set forth in Appendix B, where share settlement is otherwise prohibited under local law or may present adverse tax consequences to the Participant, at the time the Performance RSUs vest, the Company may elect, in the sole discretion of the Compensation Committee of the Board, to deliver by wire transfer to the Participant in lieu of Shares an equivalent amount of cash (determined by reference to the closing price of the Common Stock on the Nasdaq Global Select Market on the applicable vesting date). If the Company elects to deliver cash to the Participant, the Company is authorized to retain such amount as is sufficient in the opinion of the Company to satisfy the Tax-Related Items withholding obligations of the Company pursuant to Section 6 herein.
8. Repatriation and Other Legal Requirements. The Participant agrees as a condition of the grant of the Performance RSUs, as applicable, to repatriate all payments attributable to the Shares and/or cash acquired under the Plan (including, but not limited to, dividends and any proceeds derived from the sale of the Shares acquired pursuant to the Performance RSUs) in accordance with all foreign exchange rules and regulations applicable to the Participant. In addition, the Participant also agrees to take any and all actions, and consent to any and

all actions taken by the Company and its subsidiaries, as may be required to allow the Company and its subsidiaries to comply with all laws, rules and regulations applicable to the Participant. Finally, the Participant agrees to take any and all actions as may be required to comply with the Participant's personal legal and tax obligations under all laws, rules and regulations applicable to the Participant.

9. Miscellaneous.

- (a) No Rights to Employment. The grant of the Performance RSUs shall not confer upon the Participant any right to continue in the employ of the Company or the Employer, nor limit in any way the right of the Company or the Employer to terminate the Participant's employment at any time. Except in the event of disability or termination of employment due to death, the vesting of the Performance RSUs pursuant to Section 2 and Appendix A, is earned only by satisfaction of the performance-based vesting conditions and continuing service as an employee at the will of the Company or the Employer through the Vesting Date (not through the act of being hired or engaged or being granted the Performance RSUs hereunder).
- (b) Discretionary Nature. The Participant acknowledges and agrees that the Plan is discretionary in nature and may be amended, cancelled, or terminated by the Company at any time, to the extent permitted under the Plan. The Participant's participation in the Plan is voluntary. The grant of the Performance RSUs under the Plan is a one-time benefit and does not create any contractual or other right to receive a grant of Performance RSUs or any other award under the Plan or other benefits in lieu thereof in the future. Future grants, if any, will be at the sole discretion of the Company, including, but not limited to, the form and timing of any grant, the number of Shares subject to the grant, and the vesting provisions. Any amendment, modification or termination of the Plan shall not constitute a change or impairment of the terms and conditions of the Participant's employment with the Company or the Employer. The Performance RSUs and income from such Performance RSUs shall not be included in any calculation of severance, resignation, redundancy, end of service payments, bonuses, long-service awards, holiday pay, pension, or retirement benefits or similar payments. The Performance RSUs should in no event be considered as compensation for, or relating in any way to, past services for the Company or the Employer.
- (c) Exclusion from Termination Indemnities and Other Benefits. This Section 9(c) applies if the Participant resides outside the U.S.: The value of the Performance RSUs and any other awards granted under the Plan is an extraordinary item of compensation outside the scope of the Participant's employment with the Company or the Employer (and the Participant's employment contract, if any). Any grant under the Plan, including the grant of the Performance RSUs and the income and value of same, is not part of normal or expected compensation or salary. Further, the Performance RSUs and the Shares, and the income and value of same, are not intended to replace any pension rights or compensation.
- (d) No Entitlement. This Section 9(d) applies if the Participant resides outside the U.S. and/or the Company is not the Participant's employer: In consideration of the grant of Performance RSUs, no claim or entitlement to compensation or damages shall arise from forfeiture of the Performance RSUs resulting from termination of the Participant's employment with the Company or the Employer (regardless of the reason for such termination and whether or not later to be found invalid or in breach of employment laws in the jurisdiction where the Participant is employed or the terms of the Participant's employment contract, if any) and the Participant irrevocably releases the Company from any such claim that may arise; if, notwithstanding the foregoing, any such claim is found by a court of competent jurisdiction to have arisen, the Participant shall be deemed irrevocably to have waived the Participant's entitlement to pursue such claim.
- (e) Exchange Rates. This Section 9(e) applies if the Participant resides outside the U.S.: The Participant acknowledges and agrees that neither the Company nor the Employer shall be liable for any foreign exchange rate fluctuation between the Participant's local currency and the United States Dollar that may affect the value of the Performance RSUs or of any amounts due to the Participant pursuant to the vesting and settlement of the Performance RSUs or the subsequent sale of any Shares.
- (f) Future Value of Shares. The future value of the underlying Shares is unknown, indeterminable, and cannot be predicted with certainty.
- (g) Severability. The invalidity or unenforceability of any provision of this Agreement shall not affect the validity or enforceability of any other provision of this Agreement, and each other provision of this Agreement shall be severable and enforceable to the extent permitted by law.
- (h) Binding Effect. This Agreement shall be binding upon and inure to the benefit of the Company and the Participant and his or her respective heirs, executors, administrators, legal representatives, successors and assigns, subject to the restrictions on transfer set forth in Section 3 of this Agreement.
- (i) Notice. Each notice relating to this Award shall be in writing (which shall include electronic form) and delivered in person, electronically or by first class mail, postage prepaid, to the address as hereinafter provided. Each notice shall be deemed to have been given on the date it is received. Each notice to the Company shall be addressed to it at its offices at Analog Devices, Inc., One

Technology Way, Norwood, Massachusetts, 02062, Attention: Chief Financial Officer. Each notice to the Participant shall be addressed to the Participant at the Participant's last known mailing or email address, as applicable, on the records of the Company.

- (j) Pronouns. Whenever the context may require, any pronouns used in this Agreement shall include the corresponding masculine, feminine or neuter forms, and the singular form of nouns and pronouns shall include the plural, and vice versa.
- (k) Entire Agreement. This Agreement and the Plan constitute the entire understanding between the parties, and supersede all prior agreements and understandings, relating to the subject matter of these documents.
- (l) Governing Law. This Agreement shall be construed, interpreted and enforced in accordance with the internal laws of the Commonwealth of Massachusetts without regard to any applicable conflicts of laws.
- (m) Compliance with Laws. Notwithstanding any other provision of the Plan or this Agreement, unless there is an available exemption from any registration, qualification or other legal requirement applicable to the Shares, the Company shall not be required to deliver any Shares prior to the completion of any registration or qualification of the Shares under any local, state, federal or foreign securities or exchange control law or under rulings or regulations of the U.S. Securities and Exchange Commission ("SEC") or of any other governmental regulatory body, or prior to obtaining any approval or other clearance from any local, state, federal or foreign governmental agency, which registration, qualification or approval the Company shall, in its absolute discretion, deem necessary or advisable. The Participant understands that the Company is under no obligation to register or qualify the Shares with the SEC or any state or foreign securities commission or to seek approval or clearance from any governmental authority for the issuance or sale of the Shares. The Participant also understands and agrees that the Awards granted under the Plan, including the Performance RSUs and the underlying Shares, are subject to the listing standards of any national securities exchange or association on which the Company's securities are listed or as is otherwise required by the Dodd-Frank Wall Street Reform and Consumer Protection Act, and any SEC regulations, as now or hereafter in effect. Further, the Participant agrees that the Company shall have unilateral authority to amend the Plan and the Agreement without the Participant's consent to the extent necessary to comply with securities or other laws applicable to issuance of Shares.
- (n) Interpretation. The interpretation and construction of any terms or conditions of this Agreement or the Plan, or other matters related to the Plan, by the Compensation Committee of the Board shall be final and conclusive.
- (o) Participant's Acceptance. The Participant is urged to read this Agreement carefully and to consult with his or her own legal counsel regarding the terms and consequences of this Agreement and the legal and binding effect of this Agreement. By virtue of his or her acceptance of this Award, the Participant is deemed to have accepted and agreed to all of the terms and conditions of this Agreement and the provisions of the Plan.
- (p) Electronic Delivery. The Company may, in its sole discretion, decide to deliver any documents related to the Performance RSUs or other awards granted to the Participant under the Plan by electronic means. The Participant hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan through an on-line or electronic system established and maintained by the Company or a third party designated by the Company.
- (q) English Language. The Participant acknowledges and agrees that it is the Participant's express intent that this Agreement, the Plan and all other documents, notices and legal proceedings entered into, given or instituted pursuant to the Performance RSUs, be drawn up in English. If the Participant has received this Agreement, the Plan or any other documents related to the Performance RSUs translated into a language other than English, and if the meaning of the translated version is different than the English version, the English version shall control.
- (r) Appendix B. Notwithstanding any provisions herein to the contrary, if the Participant transfers the Participant's residence and/or employment to a country other than the United States, the Performance RSUs shall be subject to any special terms and conditions for such country as may be set forth in Appendix B to this Agreement. Moreover, if the Participant relocates to one of the countries included in Appendix B, the special terms and conditions for such country will apply to the Participant, to the extent the Company determines that the application of such terms and conditions is necessary or advisable in order to comply with local law or facilitate the administration of the Plan. Appendix B constitutes part of this Agreement.
- (s) Additional Requirements. The Company reserves the right to impose other requirements on the Performance RSUs, any Shares acquired pursuant to the Performance RSUs, and the Participant's participation in the Plan, to the extent the Company determines, in its sole discretion, that such other requirements are necessary or advisable for legal or administrative reasons. Such requirements may include (but are not limited to) requiring the Participant to sign any agreements or undertakings that may be necessary to accomplish the foregoing.

- (t) Private Placement. The Company has submitted filings in the United States in connection with the stock incentive plan under which this Award was made. The Company has not submitted any registration statement, prospectus or other filings with other local securities authorities (unless otherwise required under such local law), and the grant of the Award is not intended to be a public offering of securities in any other jurisdiction or subject to the supervision of other local securities authorities.
- (u) Changes in Capitalization. In the event of any stock split, reverse stock split, stock dividend, recapitalization, combination of shares, reclassification of shares, spin-off or other similar change in capitalization or event, or any non-cash distribution to holders of Common Stock, the number of Performance RSUs, and Shares issuable upon vesting and conversion thereof, shall be appropriately adjusted in such manner as shall be determined by the Compensation Committee.
- (v) No Advice Regarding Grant. The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding the Participant's participation in the Plan, or the Participant's acquisition or sale of Shares. The Participant is encouraged to consult with his or her own personal tax, legal and financial advisors regarding his or her participation in the Plan before taking any action related to the Plan.
- (w) Insider Trading Restrictions/Market Abuse Laws. The Participant acknowledges that, depending on the Participant's or the Participant's broker's country of residence or where the Common Stock is listed, the Participant may be subject to insider trading restrictions and/or market abuse laws in applicable jurisdictions which may affect the Participant's ability to accept, acquire, sell, or otherwise dispose of Common Stock, rights to Common Stock (e.g., Performance RSUs), or rights linked to the value of Common Stock (e.g., phantom awards, futures) under the Plan during such times as the Participant is considered to have "inside information" regarding the Company (as defined by the laws or regulations in the Participant's country). Local insider trading laws and regulations may prohibit the cancellation or amendment of orders the Participant placed before possessing inside information. Furthermore, the Participant could be prohibited from (i) disclosing the inside information to any third party (other than on a "need to know" basis) and (ii) "tipping" third parties or causing them otherwise to buy or sell securities. Keep in mind third parties includes fellow employees. Any restrictions under these laws or regulations are separate from and in addition to any restrictions that may be imposed under any applicable Company insider trading policy. The Participant acknowledges that it is his or her responsibility to comply with any applicable restrictions, and the Participant should speak to his or her personal advisor on this matter.
- (x) Foreign Asset/Account, Exchange Control, and Tax Reporting. Depending on the Participant's country, the Participant may be subject to foreign asset/account, exchange control and/or tax reporting requirements as a result of the vesting of the Performance RSUs, the acquisition, holding, and/or transfer of Shares or cash resulting from participation in the Plan and/or the opening and maintenance of a brokerage or bank account in connection with the Plan. The Participant may be required to report such assets, accounts, account balances and values and/or related transactions to the applicable authorities in his or her country. The Participant also may be required to repatriate sale proceeds or other funds received as a result of participation in the Plan to the Participant's country through a designated broker or bank and/or within a certain time after receipt. The Participant acknowledges that he or she is responsible for ensuring compliance with any applicable foreign asset/account, exchange control and tax reporting requirements. The Participant further understands that he or she should consult the Participant's personal legal advisor on these matters.
- (y) Waiver. The Participant acknowledges that a waiver by the Company or breach of any provision of this Agreement shall not operate or be construed as a waiver of any other provision of this Agreement, or of any subsequent breach by the Participant or any other participant.

/s/ Ray Stata

Ray Stata

Chairman of the Board

/s/ Vincent Roche

Vincent Roche

President & Chief Executive Officer

**APPENDIX A TO
AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT**

1. **Performance Period.** The three-year period beginning on the first day of the first quarter of the Company’s fiscal year 2019 and ending on the last day of the fourth quarter of the Company’s fiscal year 2021(the “Performance Period”). The Performance Period shall consist of the following three performance measurement periods: (i) the one-year period commencing on the first day of the first quarter and ending on the last day of the fourth quarter of the Company’s fiscal year 2019 (“FY 2019 Period”); (ii) the two-year period beginning on the first day of the first quarter of the Company’s fiscal year 2019 and ending on the last day of the fourth quarter of the Company’s fiscal year 2020 (“Cumulative FY19/20 Period”) and (iii) and the three-year period beginning on the first day of the first quarter of the Company’s fiscal year 2019 and ending on the last day of the fourth quarter of the Company’s fiscal year 2021 (“Cumulative FY19/21 Period,” and collectively, the “Performance Measurement Periods”);
2. **Vesting Date.** Cliff Vesting Date.
3. **Determination Date:** The date the Compensation Committee of the Board determines the level of attainment of the Operating Profit Goals for each of the three corresponding Performance Measurement Periods, which date shall be as soon as practicable following the last day of the applicable Performance Measurement Period.

Subject to Section 2(a) through 2(d) of the Performance Restricted Stock Unit Agreement, the Participant shall vest on the Vesting Date in the number of Performance RSUs, if any, that the Compensation Committee of the Board determines to be eligible to vest based on the attainment level of the Operating Profits Goals, provided the Participant continues to provide services to the Company or Employer or respective successor through the Vesting Date.

4. **Performance Parameters.** The Performance Parameters are based on the attainment of Company’s Operating Profit Goals established for each of the Performance Measurement Periods. The attainment level, ranging from 0% to 200%, of the Operating Profit Goal applicable to each Performance Measurement Period shall be measured separately on each corresponding Determination Date and weighted equally. The number of Performance RSUs that shall vest shall be equal to a number of Performance RSUs that is between 0% and 200% of the Initial Grant Number. Attainment among the Operation Profit Goal attainment levels is subject to interpolation on a linear basis.
 - (a) “Operating Profit Goal” shall mean the goal related to Non-GAAP Operating Profit Before Taxes for each of the Performance Measurement Periods approved by the Compensation Committee of the Board in connection with the granting of the Award.
 - (b) “Non-GAAP Operating Profit Before Taxes” means Non-GAAP Operating Profit Before Taxes, as reported by the Company in its earnings press release furnished to the U.S. Securities and Exchange Commission, which shall be determined in accordance with GAAP and disclosed non-GAAP adjustments and further adjusted for the results of any acquisitions or divestitures of significant materiality to be reported in the Company’s 10-Q/10-K filings.
 - (c) The definition of or method of determining Non-GAAP Operating Profit Before Taxes for purposes of ascertaining the attainment level of the Operating Profit Goal may, in the discretion of the Compensation Committee of the Board, be adjusted to eliminate the impact of any one or more of the following unanticipated events:
 - (i) items related to a change in Generally Accepted Accounting Principles in the United States, International Financial Reporting Standards or such other accounting principles or standards as may apply to the Company’s financial statements under United States federal securities laws from time to time;
 - (ii) items relating to unusual or extraordinary corporate transactions, events or developments, or
 - (iii) items relating to gains or losses for material litigation, arbitration and contractual settlements.

Three examples are set forth below:

Payout Percent	Number of Potential Shares Attained	Performance Parameters
0%	0	Company Operating Profit Goal does not meet minimum threshold approved by the Compensation Committee of the Board
100%	Number of Awards Granted	Company Operating Profit Goal meets target approved by Compensation Committee of the Board
200%	Grant Custom 2	Company Operating Profit Goal meets or exceeds the maximum target approved by the Compensation Committee of the Board

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This Appendix B includes additional terms and conditions that govern the Performance RSUs granted to the Participant if the Participant resides and/or works in one of the countries listed herein. These terms and conditions are in addition to, or, if so indicated, in place of, the terms and conditions set forth in the Agreement. Capitalized terms used but not defined in this Appendix B shall have the meanings set forth in the Plan and/or the Agreement.

This Appendix B also includes certain issues of which the Participant should be aware with respect to his or her participation in the Plan. The information is based on the securities, exchange control, income tax and other laws in effect in the respective countries as of October 2018. Such laws are often complex and change frequently. As a result, the Company strongly recommends that the Participant not rely on the information noted herein as the only source of information relating to the consequences of participation in the Plan because the information may be out of date when the Performance RSUs vest or Shares acquired under the Plan subsequently are sold.

In addition, the information is general in nature and may not apply to the Participant's particular situation, and the Company is not in a position to assure the Participant of any particular result. Therefore, the Participant should seek appropriate professional advice as to how the relevant laws in the Participant's country may apply to his or her situation.

Finally, the Participant understands that if he or she is a citizen or resident of a country other than the one in which the Participant is currently residing and/or working, transfers employment after the Date of Grant, or is considered a resident of another country for local law purposes, the information contained herein may not apply to the Participant, and the Company shall, in its discretion, determine to what extent the terms and conditions contained herein shall apply.

TERMS AND CONDITIONS APPLICABLE TO PARTICIPANTS OUTSIDE THE U.S.

Data Privacy Information and Consent. *The Company is located at One Technology Way, Norwood, Massachusetts, 02062 U.S.A. and grants employees of the Company and its subsidiaries Performance RSUs, at the Company's sole discretion. If the Participant would like to participate in the Plan, please review the following information about the Company's data processing practices and declare the Participant's consent.*

- (a) **Data Collection and Usage.** *The Company collects, processes and uses personal data of Participants, including, name, home address and telephone number, date of birth, social insurance number or other identification number, salary, citizenship, job title, any shares of stock or directorships held in the Company, and details of all Performance RSUs, canceled, vested, or outstanding in the Participant's favor, which the Company receives from the Participant or the Employer. If the Company offers the Participant a grant of Performance RSUs under the Plan, then the Company will collect the Participant's personal data for purposes of allocating stock and implementing, administering and managing the Plan. The Company's legal basis for the processing of the Participant's personal data would be his or her consent.*
- (b) **Stock Plan Administration Service Providers.** *The Company transfers participant data to Fidelity Stock Plan Services LLC, an independent service provider based in the United States, which assists the Company with the implementation, administration and management of the Plan. In the future, the Company may select a different service provider and share the Participant's data with another company that serves in a similar manner. The Company's service provider will open an account for the Participant to receive and trade shares of Common Stock. The Participant will be asked to agree on separate terms and data processing practices with the service provider, which is a condition to the Participant's ability to participate in the Plan.*
- (c) **International Data Transfers.** *The Company and its service providers are based in the United States. If the Participant is outside the United States, the Participant should note that his or her country has enacted data privacy laws that are different from the United States. For example, the European Commission has issued a limited adequacy finding with respect to the United States that applies only to the extent companies register for the EU-U.S. Privacy Shield program. The Company's legal basis for the transfer of the Employee's personal data is his or her consent.*
- (d) **Data Retention.** *The Company will use the Participant's personal data only as long as is necessary to implement, administer and manage the Participant's participation in the Plan or as required to comply with legal or regulatory obligations, including under tax and security laws. If the Company keeps data longer, it would be to satisfy legal or regulatory obligations and the Company's legal basis would be relevant laws or regulations.*
- (e) **Voluntariness and Consequences of Consent Denial or Withdrawal.** *The Participant's participation in the Plan and the Participant's grant of consent is purely voluntary. The Participant may deny or withdraw his or her consent at any time. If the Participant does not consent, or if the Participant withdraws his or her consent, the Participant cannot participate in the Plan. This would not affect the Participant's salary from or employment with the Employer; the Participant would merely forfeit the opportunities associated with the Plan.*
- (f) **Data Subject Rights.** *The Participant has a number of rights under data privacy laws in his or her country. Depending on where the Participant is based, the Participant's rights may include the right to (a) request access or copies of personal data the Company processes, (b) rectification of incorrect data, (c) deletion of data, (d) restrictions on processing, (e) portability of data, (f) lodge complaints with competent authorities in the Participant's country, and/or (g) a list with the names and addresses of any potential recipients of the Participant's personal data. To receive clarification regarding the Participant's rights or to exercise the Participant's rights please contact the Company at Analog Devices, Inc., One Technology Way, Norwood, Massachusetts, 02062 U.S.A., Attention: Stock Plan Administrator.*

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If the Participant resides in a European Economic Area or European Union member state and agrees with the data processing practices described in this notice, the Participant declares his or her consent by clicking "Accept Your Grant" on the Accepting Your Grants page on Fidelity's participant website.

Language. The Participant acknowledges that he or she is sufficiently proficient in English, or has consulted with an advisor who is sufficiently proficient in English, to understand the terms and conditions of this Agreement.

AUSTRALIA

Australian Offer Document. This offer of Restricted Stock Units is intended to comply with the provisions of the Corporations Act 2001, ASIC Regulatory Guide 49 and ASIC Class Order CO 14/1000. Additional details are set forth in the Offer Document for the offer of Restricted Stock Units to Australian resident employees, which is attached hereto as Appendix C.

AUSTRIA

Exchange Control Information. If the Participant holds Shares acquired under the Plan outside Austria (even if he or she holds them outside Austria with an Austrian bank), then the Participant understands that he or she must submit an annual report to the Austrian National Bank using the form "Standmeldung/Wertpapiere." An exemption applies if the value of the securities held outside Austria as of December 31 does not exceed €5,000,000 or the value of the securities as of any quarter does not exceed €30,000,000. If the former threshold is exceeded, then the annual reporting obligations are imposed, whereas if the latter threshold is exceeded, then quarterly reports must be submitted. The deadline for filing the annual report is January 31 of the following year.

When the Shares are sold, there may be exchange control obligations if the cash received is held outside Austria, as a separate ongoing reporting requirement may apply to non-Austrian accounts. If the transaction value of all cash accounts abroad is less than €10,000,000, then no ongoing reporting requirements apply. However, if the transaction volume of all of the Participant's cash accounts abroad meets or exceeds €10,000,000, then the movements and the balance of all accounts must be reported monthly, as of the last day of the month, on or before the 15th day of the following month, using the form "Meldungen SI-Forderungen und/oder SI-Verpflichtungen."

BELGIUM

Foreign Asset / Account Reporting Information. The Participant is required to report any securities (e.g., Shares) or bank accounts opened and maintained outside Belgium on his or her annual tax return. In a separate report, certain details regarding such foreign accounts (including the account number, bank name and country in which such account was opened) must be provided to the Central Contact Point of the National Bank of Belgium. The forms to complete this report are available on the website of the National Bank of Belgium.

Stock Exchange Tax. A stock exchange tax applies to transactions executed by a Belgian resident through a financial intermediary, such as a bank or broker. If the transaction is conducted through a Belgian financial intermediary, it may withhold the stock exchange tax, but if the transaction is conducted through a non-Belgian financial intermediary, the Belgian resident may need to report and pay the stock exchange tax directly. The stock exchange tax likely will apply when Shares acquired under the Plan are sold. Belgian residents should consult with a personal tax or financial advisor for additional details on their obligations with respect to the stock exchange tax.

Brokerage Account Tax: A brokerage account tax applies to Belgian residents if the average annual value of securities (including Shares acquired under the Plan) held in a brokerage account exceeds certain thresholds. Belgian residents should consult with a personal tax or financial advisor for additional details on their obligations with respect to the brokerage account tax.

CANADA

Issuance of Shares: This provision supplements Section 2 of the Agreement:

Notwithstanding any discretion in the Plan or the Agreement to the contrary, upon vesting of the Performance RSUs, Shares will be issued as set forth in this section. In no event will the Performance RSUs be paid to the Participant in the form of cash.

Securities Law Information. The Participant is permitted to sell Shares acquired through the Plan through the designated broker appointed under the Plan, if any (or any other broker acceptable to the Company), provided the resale of Shares acquired under the Plan takes place outside Canada through the facilities of a stock exchange on which the Shares are listed. The Shares are currently listed on the Nasdaq Global Select Market.

Termination of Employment. The following supplements Section 2 of the Agreement (except Section 2(d) regarding disability) as well as any other section required to give effect to the same:

In the event of termination of the Participant's employment for any reason (other than by reason of death), either by the Participant or by the Employer, with or without cause, the Participant's right to vest or to continue to vest in the Performance RSUs and receive Shares under the Plan, if any, will terminate as of the actual Date of Termination. For this purpose, the "Date of Termination" shall mean the last day on which the Participant is actively employed by the Employer, and shall not include or be extended by any period following such day during which

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the Participant is in receipt of or eligible to receive any notice of termination, pay in lieu of notice of termination, severance pay or any other payments or damages, whether arising under statute, contract or at common law.

Foreign Asset / Account Reporting Information. Foreign specified property (including cash held outside Canada or Shares) held by Canadian residents must be reported annually on Form T1135 (Foreign Income Verification Statement) if the cost of such foreign specified property exceeds C\$100,000 at any time during the year. Foreign specified property may also include the unvested portion of the Performance RSUs. The Performance RSUs must be reported (generally at a nil cost) if the \$100,000 cost threshold is exceeded because of other foreign specified property the Participant holds. If Shares are acquired, their cost generally is the adjusted cost base ("ACB") of the Shares. The ACB would normally equal the fair market value of the Shares at exercise, but if the Participant owns other shares, this ACB may have to be averaged with the ACB of the other shares. If due, the Form must be filed by April 30 of the following year. The Participant should consult with his or her personal tax advisor to determine the reporting requirements.

The following terms and conditions apply if the Participant is in Quebec:

Data Privacy. This provision supplements the Data Privacy Information and Consent provision in the Terms and Conditions for Participants Outside the U.S. set forth above:

The Participant hereby authorizes the Company and the Company's representatives to discuss with and obtain all relevant information from all personnel, professional or not, involved in the administration and operation of the Plan. The Participant further authorizes the Company and the administrator of the Plan to disclose and discuss the Plan with their advisors. The Participant further authorizes the Company and any parent, subsidiary or affiliate of the Company to record such information and to keep such information in the Participant's employee file.

French Language Acknowledgment. This provision supplements Section 9(q) of the Agreement:

The parties acknowledge that it is their express wish that this Agreement, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be drawn up in English.

Les parties reconnaissent avoir exigé la rédaction en anglais de cette convention, ainsi que de tous documents, avis et procédures judiciaires, exécutés, donnés ou intentés en vertu de, ou liés directement ou indirectement à, la présente convention.

CHINA

The following provision applies if the Participant is subject to exchange control restrictions and regulations in the People's Republic of China ("PRC"), including the requirements imposed by the China State Administration of Foreign Exchange ("SAFE"), as determined by the Company in its sole discretion:

Vesting. Notwithstanding anything to the contrary in the Plan or the Agreement, the Performance RSUs will not vest and no Shares will be issued to the Participant unless and until all necessary exchange control or other approvals with respect to the Performance RSUs under the Plan have been obtained from the SAFE or its local counterpart ("SAFE Approval"). In the event that SAFE Approval has not been obtained prior to any date(s) on which the RSUs are scheduled to vest in accordance with the vesting schedule set forth in the Agreement, the Performance RSUs will not vest until the seventh day of the month following the month in which SAFE Approval is obtained (the "Actual Vesting Date"). If the Participant's status as a service provider terminates prior to the Actual Vesting Date, the Participant shall not be entitled to vest in any portion of the Performance RSUs and the Performance RSUs shall be forfeited without any liability to the Company, the Employer or any subsidiary or affiliate of the Company.

Exchange Control Requirements. Due to exchange control laws in the PRC, Shares acquired through Performance RSU vestings must be maintained in the Fidelity (or any successor broker designated by the Company) brokerage account until the Shares are sold. When the Shares are sold, all proceeds must be repatriated to the PRC and held in a special exchange control account maintained by the Company, the Employer or one of the Company's subsidiaries in the PRC. To the extent that the Participant holds any Shares on the date that is three (3) months (or such other period as may be required by the SAFE) after the date of the Participant's termination of employment with the Company or the Employer, the Participant authorizes Fidelity (or any successor broker designated by the Company) to sell such Shares on the Participant's behalf at that time or as soon as is administratively practical thereafter. The Participant understands and agrees that the Company's designated broker is under no obligation to arrange for the sale of the Shares at any particular price. Upon the sale of the Shares, the Company agrees to pay the Participant the cash proceeds from the sale, less any brokerage fees or commissions and subject to any obligation to satisfy Tax-Related Items.

The Participant further is required to repatriate to the PRC any dividends or dividend equivalents paid to the Participant in relation to Performance RSUs through a special exchange control account established by the Company, the Employer, or one of the Company's subsidiaries in the PRC. The Participant hereby agrees that any cash proceeds from the Participant's participation in the Plan may be transferred to such special account prior to being delivered to the Participant.

The Participant also understands and agrees that there will be a delay between the date the Shares are sold and the date the cash proceeds are distributed to the Participant. The Participant agrees to bear any currency fluctuation risk between the time the Shares are sold and the time the cash proceeds are distributed to the Participant through the special account described above. The Participant further agrees to comply with

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any other requirements that may be imposed by the Company in the future in order to facilitate compliance with exchange control requirements in the PRC.

Tax Liability. Taxes are due at the time of vesting of the Performance RSUs. The Participant understands and agrees that Tax-Related Items may be taken by the Employer from the Participant's salary or other cash compensation.

DENMARK

Danish Stock Option Act. By participating in the Plan, the Participant acknowledges that he or she received an Employer Statement translated into Danish, which is being provided to comply with the Danish Stock Option Act and is attached hereto as Appendix D.

Exclusion from Termination Indemnities and Other Benefits. This provision supplements Section 9(c) in the Agreement:

By accepting the Performance RSUs, the Participant acknowledges that he or she understands and agrees that this grant relates to future services to be performed and is not a bonus or compensation for past services.

Exchange Control and Tax Information. The Participant may hold Shares acquired under the Plan in a safety-deposit account (*e.g.*, a brokerage account) either with a Danish bank or with an approved foreign broker or bank. If the Shares are held with a non-Danish broker or bank, the Participant is required to inform the Danish Tax Administration about the safety-deposit account. For this purpose, the Participant must file a Declaration V (Erklaering V) with the Danish Tax Administration. The Form V must be signed by the Participant and may be signed by the bank/broker. In the event that the applicable broker or bank with which the safety-deposit account is held does not wish to, or, pursuant to the laws of the country in question, is not allowed to assume such obligation to report, the Participant acknowledges that he or she is solely responsible for providing certain details regarding the foreign brokerage or bank account and any Shares acquired at vesting and held in such account to the Danish Tax Administration as part of the Participant's annual income tax return. By signing the Declaration V, the Participant at the same time authorizes the Danish Tax Administration to examine the account. A sample of the Declaration V can be found at the following website: www.skat.dk/getFile.aspx?Id=47392.

In addition, if the Participant opens a deposit account or brokerage account for the purpose of holding cash outside Denmark, the bank or brokerage account, as applicable, will be treated as a deposit account because cash can be held in the account. Therefore, the Participant must also file a Declaration K (Erklaering K) with the Danish Tax Administration. Both the Participant and the bank/broker must sign the Declaration K, unless an exemption from the broker/bank signature requirement is granted by the Danish Tax Administration. It is possible to seek the exemption on the Form K, which the Participant should do at the time he or she submits the Form K. By signing the Declaration K, the Participant (and the bank/broker to the extent the exemption is not granted) undertakes an obligation, without further request each year (no later than on February 1 of the year following the calendar year to which the information relates), to forward certain information to the Danish Tax Administration concerning the content of the deposit account. In the event that the applicable financial institution (broker or bank) with which the account is held, does not wish to, or, pursuant to the laws of the country in question, is not allowed to assume such obligation to report, the Participant acknowledges that he or she is solely responsible for providing certain details regarding the foreign brokerage or bank account to the Danish Tax Administration as part of the Participant's annual income tax return. By signing the Declaration K, the Participant at the same time authorizes the Danish Tax Administration to examine the account. A sample of Declaration K can be found at the following website: www.skat.dk/getFile.aspx?Id=42409&newwindow=true.

Foreign Asset / Account Reporting Information. If the Participant establishes an account holding Shares or cash outside Denmark, the Participant must report the account to the Danish Tax Administration. The form which should be used in this respect can be obtained from a local bank. (Please note that these obligations are separate from and in addition to the obligations described above.)

EGYPT

Exchange Control Information. If the Participant transfers funds into Egypt in connection with the sale of Shares, the Participant is required to transfer the funds through a registered bank in Egypt.

FINLAND

There are no country-specific provisions.

FRANCE

French-Qualified Performance RSUs. The Performance RSUs are intended to qualify for the favorable tax and social security regime in France under Section L. 225-197-1 to L. 225-197-6-1 of the French Commercial Code, as amended. Certain events may affect the status of the Performance RSUs as French-qualified Performance RSUs, and the French-qualified Performance RSUs may be disqualified in the future. The Company does not make any undertaking or representation to maintain the qualified status of the Performance RSUs. If the Performance RSUs no longer qualify as French-qualified Performance RSUs, the favorable tax and social security treatment will not apply, and the Participant will be required to pay his or her portion of social security contributions resulting from the Performance RSUs (as well as any income tax that is due).

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Plan Terms. The Performance RSUs are subject to the terms and conditions of the Plan and the Rules of the Analog Devices, Inc. Amended and Restated 2006 Stock Incentive Plan for Grants to Participant in France (the “French Sub-plan”). To the extent that any term is defined in both the Plan and the French Sub-plan, for purposes of this grant of a French-qualified Performance RSUs, the definitions in the French Sub-plan shall prevail.

Vesting. This provision supplements Section 2 in the Agreement:

Except in the event of the Participant’s death or Disability (as defined in the French Sub-plan and as determined under Section 2(d) of the Agreement) to benefit from the favorable tax and social security regime, no vesting shall occur prior to the second anniversary of the Date of Grant, or such other minimum period as required for the vesting period applicable to French-qualified Performance RSUs under Section L.225-197-1 of the French Commercial Code, as amended, or relevant Sections of the French Tax Code or the French Social Security Code, as amended.

Disability. This provision supplements Section 2(d) in the Agreement:

In the event the Participant becomes Disabled (as defined in the French Sub-plan and as determined under Section 2(d) of the Agreement), the Unvested Performance RSUs as of the date of the Participant’s termination shall vest in full as of the date of the termination, as determined under Section 2(d) of the Agreement.

Restriction on Transfer and Sale of Shares. This provision supplements Section 3 in the Agreement:

The Participant may not sell or transfer the Shares issued at vesting of the Performance RSUs prior to the second anniversary of each of the respective vesting date, or such other period as is required to comply with the minimum mandatory holding period applicable to French-qualified Performance RSUs under Section L. 225–197-1 of the French Commercial Code, the relevant sections of the French Tax Code or of the French Social Security Code, as amended, to benefit from the favorable tax and social security regime. Notwithstanding the above, the Participant’s heirs, in the case of the Participant’s death, or the Participant, in the case of Disability (as defined under the French Sub-plan), are not subject to this restriction on the sale of Shares. To ensure compliance with these restrictions, the Shares the Participant receives at vesting of the Performance RSUs will be held with a broker designated by the Company (or according to any procedure implemented by the Company to ensure compliance with the restrictions) until such Shares are sold. These restrictions will apply even after the Participant is no longer employed by the Employer, the Company or one its subsidiaries.

Further, as long as the Performance RSUs and the Shares acquired at vesting of the Performance RSUs maintain their French-qualified status, the Shares cannot be sold during certain “Closed Periods” as provided for by Section L. 225-197-1 of the French Commercial Code, as amended, and as interpreted by the French administrative guidelines, so long as these Closed Periods are applicable to Shares issued pursuant to French-qualified Performance RSUs, and to the extent applicable. Notwithstanding the above, the Participant’s heirs, in the case of the Participant’s death, or the Participant, in the case of disability (as defined under the French Sub-plan), are not subject to the restriction on the sale of Shares during Closed Periods.

Changes in Capitalization. This provision supplements Section 9(u) in the Agreement:

Certain adjustments may disqualify the Performance RSUs, in which case they may no longer benefit from favorable tax and social security treatment in France.

Language Consent. If the Participant received this Agreement or any other document related to the Plan or the French Sub-plan translated into French and if the translated version differs from the English version, the English version shall control.

By accepting this grant, the Participant confirms having read and understood the documents relating to the grant (the Plan, the French Sub-plan, and this Agreement) which were provided in English language. The Participant accepts the terms of those documents accordingly.

Consentement a la Langue. En acceptant cette attribution, le Participant confirme ainsi avoir lu et compris les documents relatifs à l’attribution (le Plan, le Sous-plan pour la France, et ce Contrat) qui ont été communiqués en langue anglaise. Le Participant accepte les termes en connaissance de cause.

Foreign Asset/Account Reporting Information. French residents holding Shares outside of France or maintaining a foreign bank account are required to report such to French tax authorities when filing his or her annual tax return. Failure to comply may trigger significant penalties.

GERMANY

Exchange Control Information. Cross-border payments in excess of €12,500 must be reported monthly to the German Federal Bank. In case of payments in connection with the sale of Shares acquired under the Plan, the report must be filed electronically by the 5th day of the month following the month in which the payment was received. The form of report (“*Allgemeine Meldeportal Statistik*”) can be accessed via the Bundesbank’s website (www.bundesbank.de) and is available in both German and English. It is Participant’s responsibility to comply with this reporting obligation and the Participant should consult with his or her personal tax advisor in this regard.

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HONG KONG

Sale of Shares. In the event the Performance RSUs vest within six months of the Date of Grant, the Participant agrees not to sell any Shares acquired upon vesting of the Performance RSUs prior to the six-month anniversary of the Date of Grant.

Securities Law Notice. *WARNING: The contents of this document have not been reviewed by any regulatory authority in Hong Kong. The Participant should exercise caution in relation to the offer. If the Participant is in doubt about any of the contents of this Agreement or the Plan, the Participant should obtain independent professional advice. Neither the grant of the Performance RSUs nor the issuance of Shares upon vesting constitutes a public offering of securities under Hong Kong law and is available only to employees of the Company and its subsidiaries. The Agreement, the Plan and other incidental materials (i) have not been prepared in accordance with and are not intended to constitute a "prospectus" for a public offering of securities under applicable securities legislation in Hong Kong and (ii) are intended only for the personal use of each eligible employee of the Company and its subsidiaries and may not be distributed to any other person.*

INDIA

Exchange Control Notification. The Participant understands that he or she must repatriate any proceeds from the sale of Shares acquired under the Plan and any dividends received in relation to the Shares to India and convert the funds into local currency within ninety (90) days of receipt, or such other period of time as required under applicable regulations. The Participant must obtain a foreign inward remittance certificate ("FIRC") from the bank where the Participant deposits the foreign currency and maintains the FIRC as evidence of the repatriation of funds in the event the Reserve Bank of India or the Employer requests proof of repatriation.

Foreign Asset / Account Reporting Information. The Participant is required to declare any foreign bank accounts and assets (including Shares acquired under the Plan) on his or her annual tax return. The Participant should consult with his or her personal tax advisor to determine his or her reporting requirements.

IRELAND

Manner of Payment. This provision replaces Section 7 of the Agreement:

Notwithstanding any discretion in the Plan or the Agreement to the contrary, upon vesting of the Performance RSUs, Shares will be issued to the Participant. In no event will the Award be paid to the Participant in the form of cash.

Exclusion from Termination Indemnities and Other Benefits. This provision supplements Section 9(c) of the Agreement:

By accepting the Performance RSUs, the Participant acknowledges, understands, and agrees that the benefits received under the Plan will not be taken into account for any redundancy or unfair dismissal claim.

ISRAEL

Trust Arrangement. The Participant hereby understands and agrees that the Performance RSUs are offered subject to and in accordance with the terms of the Israeli Sub-Plan (the "Sub-Plan") under the 102 Capital Gains Track (as defined in the Sub-Plan), the Trust Agreement between the trustee appointed by Analog Devices, (Israel) Ltd. (the "Trustee"), the Agreement, and the Plan. In the event of any inconsistencies among the Sub-Plan, the Agreement and/or the Plan, the Participant agrees that the Sub-Plan will govern the Performance RSUs granted to the Participant in Israel.

If the Participant resides in Israel has not already signed an Israeli Appendix in connection with grants made under the Plan, then the Participant must print, sign and deliver the signed copy of the Israeli Appendix attached hereto as Appendix E within 45 days to: Stock Plan Administrator, Analog Devices, Inc., One Technology Way, Norwood, Massachusetts, 02062 U.S.A. If Analog Devices, (Israel) Ltd. or Analog Devices, Inc. does not receive the signed Israeli Appendix within 45 days, the Performance RSUs shall terminate and will become null and void.

Vesting. This provision supplements Section 2(a) in the Agreement:

The Shares issued upon vesting of the Performance RSUs will be registered in the name of the Trustee as required by law to qualify under Section 102 (as defined under the Sub-plan), for the benefit of the Participant, unless otherwise approved in writing by the Israeli Tax Authority. Furthermore, the Participant hereby understands and agrees he or she will not require the Trustee to release or sell the Shares during the Holding Period (as defined under the Sub-Plan), unless permitted under Israeli tax law.

Restrictions on Transfer. This provision supplements Section 3(a) in the Agreement:

The Trustee shall not alienate, sell, exchange, transfer, assign, pledge, or otherwise encumber the Performance RSUs or the Shares for the Participant, except as permitted under the Sub-Plan and the terms of Section 102 (as defined in the Sub-Plan), or in the case of death, the Participant's heirs, except by will or by the laws of descent and distribution.

Manner of Payment. This provision replaces Section 7 of the Agreement:

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Notwithstanding any discretion in the Plan or the Agreement to the contrary, upon vesting of the Performance RSUs, Shares will be issued to the Participant. In no event will the Award be paid to Participant in the form of cash.

ITALY

Plan Document Acknowledgment. In accepting the Performance RSU, the Participant acknowledges that a copy of the Plan was made available to the Participant, and that the Participant has reviewed the Plan and the Agreement, including Appendix A, in their entirety and fully understand and accept all provisions of the Plan, the Agreement and Appendix A.

The Participant further acknowledges that he or she has read and specifically and expressly approves the following provision in the Agreement: Vesting and Conversion, Withholding Taxes, and Miscellaneous.

Foreign Asset Tax. The value of any Shares (and other financial assets) held outside Italy by individuals resident of Italy may be subject to a foreign asset tax. The taxable amount will be the fair market value of the financial assets (e.g., Shares) assessed at the end of the calendar year. The value of financial assets held abroad must be reported in Form RM of the annual return. The Participant should consult his or her personal tax advisor for additional information on the foreign asset tax.

Foreign Asset / Account Reporting Information. If the Participant holds investments abroad or foreign financial assets (e.g., cash, Shares, Performance RSUs) that may generate income taxable in Italy, the Participant is required to report them on his or her annual tax returns (UNICO Form, RW Schedule) or on a special form if no tax return is due, irrespective of their value. The same reporting duties apply to the Participant if he or she is a beneficial owner of the investments, even if the Participant does not directly hold investments abroad or foreign assets.

JAPAN

Foreign Asset / Account Reporting Information. The Participant will be required to report details of any assets held outside Japan as of December 31st to the extent such assets have a total net fair market value exceeding ¥50,000,000. This report is due by March 15th each year. The Participant should consult with his or her personal tax advisor as to whether the reporting obligation applies to him or her and whether the requirement extends to any outstanding Performance RSUs or Shares acquired under the Plan.

KOREA

Foreign Asset / Account Reporting Information. Korean residents must declare all foreign financial accounts (i.e., non-Korean bank accounts, brokerage accounts, and so on) to the Korean tax authority and file a report with respect to such accounts if the value of such accounts exceeds KRW 500 million (or an equivalent amount in foreign currency). The Participant should consult with his or her personal tax advisor to determine any personal reporting obligations.

MALAYSIA

Director Notification. If the Participant is a director of a subsidiary or other related company in Malaysia, then the Participant is subject to certain notification requirements under the Malaysian Companies Act, 2016. Among these requirements is an obligation to notify the Malaysian subsidiary in writing when the Participant receives an interest (e.g., Performance RSUs, Shares) in the Company or any related companies. In addition, the Participant must notify the Malaysian subsidiary when he or she sells Shares of the Company or any related company (including when the Participant sells Shares acquired under the Plan). These notifications must be made within fourteen (14) days of acquiring or disposing of any interest in the Company or any related company.

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Data Privacy. This provision replaces the Data Privacy Information and Consent provision in the Terms and Conditions for Participants Outside the U.S. set forth above:

<p>The Participant hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of his or her personal data as described in this document by and among, as applicable, the Employer, and the Company and its subsidiaries for the exclusive purpose of implementing, administering and managing the Participant's participation in the Plan.</p>	<p>Peserta dengan ini secara eksplisit, secara sukarela dan tanpa sebarang keraguan mengizinkan pengumpulan, penggunaan dan pemindahan, dalam bentuk elektronik atau lain-lain, data peribadinya seperti yang dinyatakan dalam dokumen ini, oleh dan di antara, sebagaimana yang berkenaan, Majikan, Syarikat, dan mana-mana anak Syarikatnya bagi tujuan eksklusif untuk membantu dalam pelaksanaan, pentadbiran dan pengurusan penyertaan Peserta dalam Pelan.</p>
<p>The Participant understands that the Company and the Employer may hold certain personal information about the Participant, including, but not limited to, his or her name, home address and telephone number, date of birth, social insurance number or other identification number, salary, nationality, job title, any shares of stock or directorships held in the Company, details of all Performance RSUs or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in the Participant's favor, for the purpose of implementing, administering and managing the Plan ("Data"). The source of the Data is the Employer as well as information the Participant is providing to the Company and the Employer in connection with the Performance RSUs. The Participant understands that Data may be transferred to Fidelity or any other third parties as may be selected by the Company in the future, which are assisting in the implementation, administration and management of the Plan, that these recipients may be located in the Participant's country or elsewhere and that the recipients' country (e.g. the United States) may have different data privacy laws and protections than the Participant's country. The Participant understands that he or she may request a list with the names and addresses of any potential recipients of the Data by contacting his or her local human resources representative. The Participant authorizes the Company, Fidelity and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan to receive, possess, use, retain and transfer the Data, in electronic or other form, for the sole purpose of implementing, administering and managing his or her participation in the Plan, including any requisite transfer of such Data as may be required to a broker or other third party with whom the Participant may elect to deposit any Shares acquired upon settlement of the Award. The Participant understands that Data will be held only as long as is necessary to implement, administer and manage the Participant's participation in the Plan. The Participant understands that he or she may, at any time, view Data, request additional information about the storage and processing of Data, require any necessary amendments to Data or refuse or withdraw the consents herein, in any case without cost, by contacting in writing his or her local human resources representative. The Participant understands, however, that refusing or withdrawing his or her consent may affect the Participant's ability to participate in the Plan. For more information on the consequences of a refusal to consent or withdrawal of consent, the Participant understands that he or she may contact his or her regional stock plan administrator at Stock_Plan_Admin@Analog.com.</p>	<p>Peserta memahami bahawa Syarikat dan Majikan mungkin memegang maklumat peribadi tertentu tentang Peserta, termasuk, tetapi tidak terhad kepada, namanya, alamat rumah dan nombor telefon, tarikh lahir, nombor insurans sosial atau nombor pengenalan lain, gaji, kewarganegaraan, jawatan, apa-apa syer dalam saham atau jawatan pengarah yang dipegang dalam Syarikat, butir-butir semua Performance RSUs atau apa-apa hak lain untuk syer dalam saham yang dianugerahkan, dibatalkan, dilaksanakan, terletak hak, tidak diletak hak ataupun yang belum dijelaskan bagi faedah Peserta, untuk tujuan eksklusif bagi melaksanakan, mentadbir dan menguruskan Pelan ("Data"). Sumber Data adalah daripada Majikan dan juga daripada maklumat yang dibekalkan oleh Peserta kepada Syarikat dan Majikan berkenaan dengan Performance RSUs. Penerima Anugerah juga memahami bahawa Data mungkin dipindahkan kepada Fidelity atau mana-mana pihak ketiga yang mungkin dipilih oleh Syarikat pada masa depan, yang membantu dalam pelaksanaan, pentadbiran dan pengurusan Pelan, bahawa penerima-penerima ini mungkin berada di negara Peserta atau di tempat lain, dan bahawa negara penerima (contohnya, Amerika Syarikat) mungkin mempunyai undang-undang privasi data dan perlindungan yang berbeza daripada negara Peserta. Peserta memahami bahawa dia boleh meminta senarai nama dan alamat mana-mana penerima Data dengan menghubungi wakil sumber manusia tempatannya. Peserta memberi kuasa kepada Syarikat, Fidelity, dan mana-mana penerima lain yang mungkin membantu Syarikat (masa sekarang atau pada masa depan) untuk melaksanakan, mentadbir dan menguruskan penyertaan Peserta dalam Pelan untuk menerima, memiliki, menggunakan, mengekalkan dan memindahkan Data, dalam bentuk elektronik atau lain-lain, semata-mata dengan tujuan untuk melaksanakan, mentadbir dan menguruskan penyertaan Peserta dalam Pelan, termasuk apa-apa pemindahan Data yang diperlukan kepada broker atau pihak ketiga dengan siapa Peserta mungkin pilih untuk mendepositkan apa-apa Saham yang diperolehi di atas penyelesaian Anugerah. Peserta memahami bahawa Data akan dipegang hanya untuk tempoh yang diperlukan untuk melaksanakan, mentadbir dan menguruskan penyertaannya dalam Pelan tersebut. Peserta memahami bahawa dia boleh, pada bila-bila masa, melihat data, meminta maklumat tambahan mengenai penyimpanan dan pemrosesan Data, meminta bahawa pindaan-pindaan dilaksanakan ke atas Data atau menolak atau menarik balik persetujuan dalam ini, dalam mana-mana kes, tanpa kos, dengan menghubungi secara bertulis wakil sumber manusia tempatannya. Peserta memahami bahawa keengganan atau penarikan balik persetujuannya boleh menjejaskan keupayaannya untuk mengambil bahagian dalam Pelan. Untuk maklumat lanjut mengenai akibat keenggannya untuk memberikan keizinan atau penarikan balik keizinan, Peserta fahami bahawa dia boleh menghubungi pentadbir pelan saham serantau di Stock_Plan_Admin@Analog.com.</p>

MEXICO

Acknowledgment of the Agreement. By participating in the Plan, Participant acknowledges that the Participant has received a copy of the Plan, has reviewed the Plan in its entirety and fully understands and accepts all provisions of the Plan. The Participant further acknowledges that the Participant has read and expressly approves the terms and conditions set forth in the Nature of Grant paragraph of the Agreement, in which the following is clearly described and established: (i) the Participant's participation in the Plan does not constitute an acquired right; (ii) the Plan and the Participant's participation in the Plan are offered by the Company on a wholly discretionary basis; (iii) the Participant's participation in the Plan is voluntary; and (iv) the Company and its subsidiaries are not responsible for any decrease in the value of the underlying Shares.

Labor Law Policy and Acknowledgment. By participating in the Plan, the Participant expressly recognizes that Analog Devices, Inc., with registered offices at One Technology Way, Norwood, Massachusetts, 02062 U.S.A., is solely responsible for the administration of the Plan and that the Participant's participation in the Plan and acquisition of Shares does not constitute an employment relationship between the Participant and the Company since the Participant is participating in the Plan on a wholly commercial basis. Based on the foregoing, the Participant expressly recognizes that the Plan and the benefits that the Participant may derive from participation in the Plan do not establish any rights between the Participant and

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the Company and do not form part of the employment conditions and/or benefits provided by the Company and any modification of the Plan or its termination shall not constitute a change or impairment of the terms and conditions of the Participant's employment.

The Participant further understands that the Participant's participation in the Plan is as a result of a unilateral and discretionary decision of the Company; therefore, the Company reserves the absolute right to amend and/or discontinue the Participant's participation at any time without any liability to the Participant.

Finally, the Participant hereby declares that Participant does not reserve any action or right to bring any claim against the Company for any compensation or damages regarding any provision of the Plan or the benefits derived under the Plan, and the Participant therefore grants a full and broad release to the Company, its subsidiaries, branches, representation offices, its shareholders, officers, agents or legal representatives with respect to any claim that may arise.

Reconocimiento del Contrato. Al participar en el Plan, usted reconoce que ha recibido una copia del Plan, que ha revisado el Plan en su totalidad, y que entiende y acepta en su totalidad, todas y cada una de las disposiciones del Plan. Asimismo reconoce que ha leído y aprueba expresamente los términos y condiciones señalados en el párrafo titulado Naturaleza de la Oferta en el Convenio, en lo que claramente se describe y establece lo siguiente: (i) su participación en el Plan no constituye un derecho adquirido; (ii) el Plan y su participación en el Plan son ofrecidos por la Compañía sobre una base completamente discrecional; (iii) su participación en el Plan es voluntaria; y (iv) la Compañía y sus afiliadas no son responsables de ninguna por la disminución en el valor de las Acciones subyacentes.

Política de Legislación Laboral y Reconocimiento. Al participar en el Plan, usted reconoce expresamente que Analog Devices, Inc., con oficinas registradas en One Technology Way, Norwood, Massachusetts, 02062 EE.UU, es la única responsable por la administración del Plan, y que su participación en el Plan, así como la adquisición de las Acciones, no constituye una relación laboral entre usted y la Compañía, debido a que usted participa en el plan sobre una base completamente mercantil. Con base en lo anterior, usted reconoce expresamente que el Plan y los beneficios que pudiera obtener por su participación en el Plan, no establecen derecho alguno entre usted y la Compañía, y no forman parte de las condiciones y/o prestaciones laborales que la Compañía ofrece, y que las modificaciones al Plan o su terminación, no constituirán un cambio ni afectarán los términos y condiciones de su relación laboral.

Asimismo usted entiende que su participación en el Plan es el resultado de una decisión unilateral y discrecional de la Compañía; por lo tanto, la Compañía se reserva el derecho absoluto de modificar y/o suspender su participación en cualquier momento, sin que usted incurra en responsabilidad alguna.

Finalmente, usted declara que no se reserva acción o derecho alguno para interponer reclamación alguna en contra de la Compañía, por concepto de compensación o daños relacionados con cualquier disposición del Plan o de los beneficios derivados del Plan, y por lo tanto, usted libera total y ampliamente de toda responsabilidad a la Compañía, a sus afiliadas, sucursales, oficinas de representación, sus accionistas, funcionarios, agentes o representantes legales, con respecto a cualquier reclamación que pudiera surgir.

NETHERLANDS

No Entitlement. This provision supplements Section 9(d) of the Agreement:

By accepting the RSU, the Participant acknowledges that the RSU is intended as an incentive for the Participant to remain employed with the Employer and is not intended as remuneration for labor performed.

PHILIPPINES

Securities Law Information. The securities being offered or sold herein have not been registered with the Philippines Securities and Exchange Commission ("PSEC") under its Securities Regulation Code (the "SRC").

The grant of Performance RSUs is being made pursuant to an exemption from registration under Section 10.2 of the SRC that has been approved by the PSEC.

The Participant should be aware of the risks of participating in the Plan, which include (without limitation) the risk of fluctuation in the price of the Shares on the Nasdaq Global Select Market ("Nasdaq") and the risk of currency fluctuations between the U.S. Dollar and his or her local currency. In this regard, the Participant should note that the value of any Shares he or she may acquire under the Plan may decrease, and fluctuations in foreign exchange rates between his or her local currency and the U.S. Dollar may affect the value of the Shares or any amounts due to the Participant pursuant to the vesting of the Performance RSUs or the subsequent sale of any Shares acquired by the Participant. The Company is not making any representations, projections or assurances about the value of the Shares now or in the future.

For further information on risk factors impacting the Company's business that may affect the value of the Shares, the Participant should refer to the risk factors discussion in the Company's Annual Report on Form 10-K and Quarterly Reports on Form 10-Q, which are filed with the U.S. Securities and Exchange Commission and are available online at www.sec.gov, as well as on the Company's website at <http://investor.analog.com/sec.cfm>.

The Participant should also note that the sale or disposal of Shares acquired under the Plan may be subject to certain restrictions under Philippines securities laws. Those restrictions should not apply if the offer and resale of Shares takes place outside of the Philippines through

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the facilities of a stock exchange on which the Shares are listed. The Shares are currently listed on Nasdaq. The Company's designated broker should be able to assist the Participant in the sale of Shares on Nasdaq. *If the Participant has questions with regard to the application of Philippines securities laws to the disposal or sale of Shares acquired under the Plan the Participant should consult with his or her legal advisor.*

POLAND

Foreign Asset/Account Reporting Information. If the Participant maintains bank or brokerage accounts holding cash and foreign securities (including Shares) outside of Poland, the Participant will be required to report information to the National Bank of Poland on transactions and balances in such accounts if the value of such cash and securities exceeds PLN 7,000,000. If required, such reports must be filed on a quarterly basis on special forms available on the website of the National Bank of Poland.

Exchange Control Information. The transfer of funds in excess of a certain threshold (currently €15,000, unless the transfer of funds is considered to be connected with the business activity of an entrepreneur, in which case a lower threshold may apply) into or out of Poland must be made through a bank account in Poland. The Participant understands that he or she is required to store all documents connected with any foreign exchange transactions for a period of five years, as measured from the end of the year in which such transaction occurred. The Participant should consult with his or her personal legal advisor to determine what he or she must do to fulfill any applicable reporting/exchange control duties.

ROMANIA

Exchange Control Information. If the Participant deposits the proceeds from the sale of Shares issued at vesting and settlement of the Performance RSUs in a bank account in Romania, the Participant may be required to provide the Romanian bank with appropriate documentation explaining the source of the funds. The Participant should consult his or her personal advisor to determine whether he or she will be required to submit such documentation to the Romanian bank.

SERBIA

Securities Law Information. The grant of Performance RSUs and the issuance of any Shares are not subject to the regulations concerning public offers and private placements under the Law on Capital Markets.

Exchange Control Information. Pursuant to the Law on Foreign Exchange Transactions, the Participant is permitted to acquire Shares under the Plan, but a report may need to be made of the acquisition of such Shares, the value of the Shares at vesting, and, on a quarterly basis, any changes in the value of the Shares. As the exchange control regulations in Serbia may change without notice, the Participant should consult with his or her personal advisor with respect to all applicable reporting obligations.

SINGAPORE

Securities Law Information. The Performance RSUs were granted to the Participant pursuant to the "Qualifying Person" exemption under section 273(1)(f) of the Singapore Securities and Futures Act (Chapter 289, 2006 Ed.) ("SFA"). The Agreement and the Plan have not been lodged or registered as a prospectus with the Monetary Authority of Singapore. The Participant should note that the Participant's Performance RSUs are subject to section 257 of the SFA and the Participant will not be able to make any subsequent sale in Singapore, or any offer of such subsequent sale of the Shares unless such sale or offer in Singapore is made pursuant to the exemptions under Part XIII Division (1) Subdivision (4) (other than section 280) of the SFA.

Chief Executive Officer and Director Notification. If the Participant is the Chief Executive Officer ("CEO") or a director, associate director or shadow director of a subsidiary or other related company in Singapore, the Participant is subject to certain notification requirements under the Singapore Companies Act. Among these requirements is an obligation to notify the Singapore subsidiary in writing when the Participant receives an interest (e.g., Performance RSUs, Shares) in the Company or any related company. In addition, the Participant must notify the Singapore subsidiary when the Participant sells Shares of the Company or any related company (including when the Participant sells Shares acquired under the Plan). These notifications must be made within two (2) business days of (i) acquiring or disposing of any interest in the Company or any related company, or (ii) any change in a previously-disclosed interest (e.g. upon vesting of the Performance RSUs or when Shares are subsequently sold). In addition, a notification must be made of the Participant's interests in the Company or any related company within two (2) business days of becoming a CEO or director, associate director, or shadow director.

SPAIN

No Entitlement. This provision supplements Section 9(d) of the Agreement:

In accepting the Performance RSUs, the Participant acknowledges that he or she consents to participation in the Plan and has received a copy of the Plan. The Participant understands that the Company has unilaterally, gratuitously and in its sole discretion decided to grant Performance RSUs under the Plan to individuals who may be employees of the Company or its subsidiaries throughout the world. The decision is a limited decision that is entered into upon the express assumption and condition that any Performance RSUs will not economically or otherwise bind the Company or any of its subsidiaries on an ongoing basis. Consequently, the Participant understands that the Performance RSUs are granted on the assumption and condition that the Performance RSUs or the Shares acquired upon settlement shall not become a part of any employment

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contract (either with the Company or any of its subsidiaries) and shall not be considered a mandatory benefit, salary for any purposes (including severance compensation) or any other right whatsoever. In addition, the Participant understands that the Performance RSU grant would not be made to the Participant but for the assumptions and conditions referred to above; thus, the Participant acknowledges and freely accepts that should any or all of the assumptions be mistaken or should any of the conditions not be met for any reason, then any Performance RSUs shall be null and void.

Further, and except as provided in Section 2(d) of the Agreement in the event the Participant becomes Disabled, the vesting of the Performance RSUs is expressly conditioned on the Participant's continued rendering of service, such that if the Participant's employment terminates for any reason whatsoever, the Performance RSUs will cease vesting immediately, in whole or in part, effective on the date of the Participant's termination of employment (unless otherwise specifically provided in Section 2 of the Agreement in the event of death). This will be the case, for example, even if (1) the Participant is considered to be unfairly dismissed without good cause (i.e., subject to a "*despido improcedente*"); (2) the Participant is dismissed for disciplinary or objective reasons or due to a collective dismissal; (3) the Participant terminates service due to a change of work location, duties or any other employment or contractual condition; (4) the Participant terminates service due to a unilateral breach of contract by the Company or a subsidiary; or (5) the Participant's employment terminates for any other reason whatsoever. Consequently, upon termination of the Participant's employment for any of the above reasons, the Participant will automatically lose any rights to Performance RSUs that were not vested on the date of the Participant's termination of employment, as described in the Plan and the Agreement. The Participant understands that the RSU grant would not be made to the Participant but for the assumptions and conditions referred to above; thus, the Participant acknowledges and freely accepts that should any or all of the assumptions be mistaken or should any of the conditions not be met for any reason, then any RSU grant shall be null and void.

The Participant acknowledges that he or she has read and specifically accepts the conditions referred to in Section 2 of the Agreement.

Securities Law Notification. The grant of Performance RSUs and the Shares issued upon vesting of the Performance RSUs are considered a private placement outside the scope of Spanish laws on public offerings and issuances of securities. No "offer of securities to the public", as defined under Spanish law, has taken place or will take place in the Spanish territory. This Agreement has not been nor will it be registered with the *Comisión Nacional del Mercado de Valores*, and does not constitute a public offering prospectus.

Exchange Control Notification. The Participant acknowledges that he or she must declare any Shares that are acquired under the Plan to the *Dirección General de Comercio e Inversiones* of the Ministry of Economy and Competitiveness (the "DGCI"). After the initial declaration, the declaration must be filed with the DGCI on an annual basis each January while the shares are owned; however, if the value of the Shares or the sale proceeds exceed a certain amount, a declaration must be filed within one month of the acquisition or sale, as applicable.

Foreign Asset / Account Reporting Information. To the extent that the Participant holds assets (e.g., cash or Shares held in a bank or brokerage account) outside Spain with a value in excess of €50,000 per type of asset (e.g., Shares, cash, and so on) as of December 31 each year, the Participant will be required to report information on such assets on his or her tax return for such year (tax form 720). After such assets are initially reported, the reporting obligation will only apply for subsequent years if the value of any previously-reported assets increases by more than €20,000. The reporting must be completed by March 31. Failure to comply with this reporting requirement may result in penalties to the Participant. Accordingly, the Participant should consult with his or her personal tax and legal advisors to ensure that he or she is properly complying with his or her reporting obligations.

Further, the Participant is required to declare to the Bank of Spain any securities accounts (including brokerage accounts held abroad), as well as the securities held in such accounts if the value of the transactions for all such accounts during the prior tax year or the balances in such accounts as of December 31 of the prior tax year exceeds €1,000,000.

SWEDEN

There are no country-specific provisions.

SWITZERLAND

Securities Law Information. The grant of Performance RSUs and the issuance of any Shares is not intended to be a public offering in Switzerland and is therefore not subject to registration in Switzerland. Neither this document nor any materials relating to the Performance RSUs constitutes a prospectus as such term is understood pursuant to article 652a of the Swiss Code of Obligations, and neither this document nor any other materials relating to the Performance RSUs may be publicly distributed nor otherwise made publicly available in Switzerland. Neither this document nor any other offering or marketing material relating to the Performance RSUs has been or will be filed with, approved or supervised by any Swiss regulatory authority (in particular, the Swiss Financial Supervisory Authority (FINMA)).

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TAIWAN

Data Privacy. The Participant acknowledges that he or she has read and understands the terms regarding collection, processing and transfer of Data contained in the Data Privacy Information and Consent provision of the Terms and Conditions for Participants outside the U.S. and agrees that, upon request of the Company or the Employer, the Participant will provide any executed data privacy consent form to the Employer or the Company (or any other agreements or consents that may be required by the Employer or the Company) that the Company and/or the Employer may deem necessary to obtain under the data privacy laws in Participant's country, either now or in the future. The Participant understands he or she will not be able to participate in the Plan if the Participant fails to execute any such consent or agreement.

Securities Law Information. The Performance RSUs and participation in the Plan is made available only to employees of the Company and the Employer. It is not a public offer of securities by a Taiwanese company. Therefore, it is exempt from registration in Taiwan.

Exchange Control Information. Individuals may acquire foreign currency (including proceeds from the sale of Shares) into Taiwan up to US\$5,000,000 per year without justification.

There is no need to aggregate all remittances into Taiwan when calculating the limitation. If the transaction amount is TWD\$500,000 or more in a single transaction, the Participant must submit a Foreign Exchange Transaction Form and also provide supporting documentation to the satisfaction of the remitting bank.

TURKEY

Securities Law Information. Under Turkish law, the Participant is not permitted to sell any Shares acquired under the Plan in Turkey. The Shares are currently traded on the Nasdaq Global Select Market, under the ticker symbol "ADI" and the Shares may be sold through this exchange.

Exchange Control Information. The Participant may be required to engage a Turkish financial intermediary to assist with the sale of Shares acquired under the Plan. As the Participant is solely responsible for complying with any applicable financial intermediary requirements, the Participant should consider consulting his or her personal legal advisor prior to the vesting of the Performance RSUs or any sale of Shares to ensure compliance.

UNITED KINGDOM

Manner of Payment. This provision replaces Section 7 of the Agreement:

Notwithstanding any discretion in the Plan or the Agreement to the contrary, upon vesting of the Performance RSUs, Shares will be issued to the Participant. In no event will the Award be paid to Participant in the form of cash.

Furthermore, notwithstanding any provision of the Plan or the Agreement to the contrary, the Participant will not be entitled to receive any Shares pursuant to the vesting of the Performance RSUs unless and until the Participant has executed a Joint Election (as defined below) in connection with the Performance RSUs.

Joint Election. As a condition of the grant of Performance RSUs, the Participant agrees to accept any liability for secondary Class 1 National Insurance contributions (the "Employer NICs") which may be payable by the Company or the Employer with respect to the vesting of the Performance RSUs or otherwise payable with respect to a benefit derived in connection with the Performance RSUs.

Without limitation to the foregoing, the Participant agrees to execute a joint election between the Company and/or the Employer and Participant (the "Joint Election"), the form of such Joint Election being formally approved by HMRC, and any other consent or election required to accomplish the transfer of the Employer NICs to the Participant. The Participant further agrees to execute such other joint elections as may be required between the Participant and any successor to the Company and/or the Employer. If the Participant does not enter into a Joint Election, no Shares shall be issued to the Participant without any liability to the Company and/or the Employer. The Participant further agrees that the Company and/or the Employer may collect the Employer NICs from the Participant by any of the means set forth in Section 6 of the Agreement.

The Joint Election is attached hereto as Appendix F. If the Participant has signed a Joint Election in the past with respect to an RSU award granted to him or her by the Company and that Joint Election applies to all grants made under the Plan, the Participant need not sign another Joint Election in connection with this RSU grant.

**APPENDIX C
OFFER DOCUMENT
OFFER OF RESTRICTED STOCK UNITS
TO AUSTRALIAN RESIDENT EMPLOYEES**

Investment in shares involves a degree of risk. Eligible employees who elect to participate in the Plans should monitor their participation and consider all risk factors relevant to the acquisition of shares of common stock under the Plans as set out in this Offer Document and the Additional Documents.

Any information contained in this Offer Document and the Additional Documents is general in nature. It is not advice or information specific to your particular circumstances.

Employees should consider obtaining their own financial product advice from an independent person who is licensed by the Australian Securities and Investments Commission to give such advice.

We are pleased to provide you with this offer to participate in the Analog Devices, Inc. Amended and Restated 2006 Stock Incentive Plan (the “Plan”). This Offer Document sets out information regarding the grant of restricted stock units (“Restricted Stock Units”) over shares of common stock (“Shares”) of Analog Devices, Inc. (the “Company”) to Australian resident employees and directors of the Company and its Australian Subsidiary.

The Company has adopted the Plan to enable the Company and its subsidiaries to attract, retain and motivate their employees by providing for or increasing the proprietary interests of such employees in the Company. The Plan and this Offer Document are intended to comply with the provisions of the Corporations Act 2001, ASIC Regulatory Guide 49 and ASIC Class Order CO 14/1000.

Any capitalized term used but not defined herein shall have the meaning ascribed to such term in the Plan.

1. OFFER

This is an Offer of Restricted Share Units, as may be granted from time to time by the Company, to certain eligible employees in accordance with the Plan.

2. TERMS OF GRANT

The terms of the grant of Restricted Stock Units incorporate the rules of the Plan, this Offer Document and the Global Restricted Stock Unit Agreement, and Appendix A thereto (the “Agreement”). By accepting a grant of Restricted Stock Units, you will be bound by the rules of the Plan, this Offer Document and the Agreement.

3. ADDITIONAL DOCUMENTS

In addition to the information set out in this Offer Document, attached are copies of the following documents:

- (a) the Plan;
- (b) the Plan Prospectus; and
- (c) the Agreement.

(collectively, the “Additional Documents”).

The Agreement sets out, among other details, the vesting conditions applicable to your Restricted Stock Units, information on the settlement of your Restricted Stock Units and the consequences of a change in the nature or status of your employment.

The other Additional Documents provide further information to assist you to make an informed investment decision in relation to your participation in the Plan. Neither the Plan nor the 2006 Stock Incentive Plan Prospectus is a prospectus for the purposes of the *Corporations Act*.

4. RELIANCE ON STATEMENTS

You should not rely upon any oral statements made to you in relation to this Offer. You should only rely upon the statements contained in this Offer Document and the Additional Documents when considering your participation in the Plan.

5. WHO IS ELIGIBLE TO PARTICIPATE?

You are eligible to participate under the Plan if, at the time of the offer, you are an Australian resident employee or director of the Company or its Australian Subsidiary and meet the eligibility requirements established under the Plan.

6. ACCEPTING AN AWARD

The Agreement sets out additional terms and conditions of your Restricted Stock Unit award. You are not required to affirmatively accept your Restricted Stock Units award in writing.

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OFFER DOCUMENT
OFFER OF RESTRICTED STOCK UNITS
TO AUSTRALIAN RESIDENT EMPLOYEES**

7. WHAT ARE THE MATERIAL TERMS OF THE RESTRICTED STOCK UNITS?

(a) What are Restricted Stock Units?

Restricted Stock Units represent the right to receive Shares upon fulfilment of the vesting conditions set out in your Agreement. The Restricted Stock Units are considered “restricted” because they are subject to forfeiture and restrictions on transfer until they vest. The restrictions are set forth in your Agreement. When your Restricted Stock Units vest, you will be issued Shares at no monetary cost (other than applicable taxes) to you. Notwithstanding anything to the contrary in the Plan, the Agreement, or any related document, your Restricted Stock Units will be settled in Shares.

(b) Do I have to pay any money to receive the Restricted Stock Units?

No. You pay no monetary consideration to receive the Restricted Stock Units, nor do you pay anything to receive the Shares upon vesting (other than applicable taxes).

(c) How many Shares will I receive upon vesting of my Restricted Stock Units?

The details of your Restricted Stock Units and the number of Shares subject to the award are set out in the Agreement.

(d) When do I become a stockholder?

You are not a stockholder merely as a result of holding Restricted Stock Units. The Restricted Stock Units will not entitle you to any shareholder rights, including the right to vote the Shares or receive dividends, notices of meetings, proxy statements and other materials provided to stockholders, until the restrictions lapse at vesting and the Restricted Stock Units are paid out in Shares. In this regard, you are not recorded as the owner of the Shares prior to vesting. You should refer to your Agreement for details of the consequences of a change in the nature of your employment.

(e) Can I transfer the Restricted Stock Units to someone else?

No. The Restricted Stock Units are generally non-transferable, unless otherwise provided in your Agreement; however, once Shares are issued upon vesting, the Shares will be freely tradeable (subject to the Company’s policies and applicable laws regarding insider trading).

(f) What happens if my employment with the Company or Australian Subsidiary terminates?

Your right to any unvested Restricted Stock Units will terminate when you terminate employment with the Company or its Australian Subsidiary for reasons including, but not limited to, retirement, resignation, lay-off, discharge, or other change of employment status.

8. WHAT IS A SHARE IN THE COMPANY

Common stock of a U.S. corporation is analogous to an ordinary share of an Australian corporation. Each holder of a Share is entitled to one vote for every Share held in the Company.

Dividends may be paid on the Shares out of any funds of the Company legally available for dividends at the discretion of the board of directors of the Company.

The Shares are traded on the Nasdaq Global Select Market in the United States of America and are traded under the symbol “ADI”.

Shares are not liable to any further calls for payment of capital or for other assessment by the Company and have no sinking fund provisions, pre-emptive rights, conversion rights or redemption provisions.

9. HOW CAN I OBTAIN UPDATED INDICATIVE EXAMPLES OF THE CURRENT MARKET PRICE IN AUSTRALIAN DOLLARS?

You may ascertain the current market price of the Shares as traded on the Nasdaq at <http://www.nasdaq.com> under the code “ADI”. The Australian dollar equivalent of that price can be obtained at: <http://www.rba.gov.au/statistics/frequency/exchange-rates.html>.

This will not be a prediction of what the market price per Share will be when the Restricted Stock Units vest or settle or of the applicable exchange rate on the actual date of vesting or settlement.

10. WHAT ADDITIONAL RISK FACTORS APPLY TO AUSTRALIAN RESIDENTS’ PARTICIPATION IN THE PLAN?

Australian residents should have regard to risk factors relevant to investment in securities generally and, in particular, to the holding of the Shares. For example, the price at which Shares are quoted on the Nasdaq Global Select Market may increase or decrease due to a number of factors. There is no guarantee that the price of the Shares will increase. Factors which may affect the price of the Shares include fluctuations in the domestic and international market for listed stocks, general economic conditions, including interest rates, inflation rates, commodity and oil prices, changes to government fiscal,

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monetary or regulatory policies, legislation or regulation, the nature of the markets in which the Company operates and general operational and business risks.

More information about potential factors that could affect the Company's business and financial results is included in (a) the Company's latest Annual Report filed pursuant to Section 13(a) or 15(d) of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act"), or the latest prospectus filed pursuant to Rule 424(b) under the U.S. Securities Act of 1933, as amended, that contains audited financial statements for the Company's latest fiscal year for which such statements have been filed, and (b) all other reports filed pursuant to Section 13(a) or 15(d) of the Exchange Act since the end of the fiscal year covered by the document referred to in (a). Copies of these reports are available at <http://www.sec.gov/>, on the Company's "Investor Relations" page at <http://investor.analog.com/>, and upon request to the Company.

In addition, you should be aware that the Australian dollar value of the Shares you may acquire at vesting will be affected by the U.S. dollar/Australian dollar exchange rate. Participation in the Plan involves certain risks related to fluctuations in this rate of exchange.

11. PLAN MODIFICATION, TERMINATION ETC.

Except as provided in the Plan, the board of directors of the Company may amend or terminate the Plan at any time. In addition, the board of directors may amend, modify or terminate outstanding awards, provided that an award holder's consent is obtained unless the board of directors determines that the action would not materially or adversely affect the award holder.

12. WHAT ARE THE AUSTRALIAN TAX CONSEQUENCES OF PARTICIPATION IN THE PLAN?

The following is a summary of the tax consequences as of October 2018 for an Australian resident employee who receives Restricted Stock Units under the Plan. You may also be subject to Medicare levy and surcharge.

We note that for Restricted Stock Units granted under the Plan prior to 1 July 2015, different employee share scheme rules apply. The following taxation summary applies only to Restricted Stock Units granted on or after 1 July 2015. If you hold Restricted Stock Units granted before 1 July 2015, please consult with your personal tax advisor on the applicable tax treatment.

This summary is necessarily general in nature and does not purport to be tax advice in relation to an actual or potential recipient of Restricted Stock Units.

If you are a citizen or resident of another country for local tax law purposes or if you transfer employment to another country after the Restricted Stock Units are granted to you, the information contained in this summary may not be applicable to you. *You should seek appropriate professional advice as to how the tax or other laws in Australia and in your country apply to your specific situation.*

If you are awarded Restricted Stock Units under the Plan, you should not rely on this summary as anything other than a broad guide, and you should obtain independent taxation advice specific to your particular circumstances before making the decision to accept the Restricted Stock Units.

(a) What is the effect of the grant of the Restricted Stock Units?

The Australian tax legislation contains specific rules, in Division 83A of the *Income Tax Assessment Act 1997*, governing the taxation of shares and rights (called "ESS interests") acquired by employees under employee share schemes. The Restricted Stock Units granted under the Plan should be regarded as a right to acquire shares and accordingly, an ESS interest for these purposes.

Your assessable income includes the ESS interest at grant, unless the ESS interest is subject to a "real risk of forfeiture," in which case you will be subject to deferred taxation.

In the case of the Restricted Stock Units, the "real risk of forfeiture" test requires that:

- (i) there must be a real risk that, under the conditions of the Plan, you will forfeit the Restricted Stock Units or lose them (other than by disposing of them or in connection with the vesting of the Restricted Stock Units); or
- (ii) there must be a real risk that if your Restricted Stock Units vest, under the conditions of the Plan, you will forfeit the underlying Shares or lose them other than by disposing of them.

The terms of your Restricted Stock Unit award are set out in the Additional Documents. It is understood that your Restricted Stock Units will satisfy the real risk of forfeiture test and that you will be subject to deferred taxation (*i.e.*, you generally should not be subject to tax when the Restricted Share Units are granted to you).

(b) When will you be taxed if your Restricted Stock Units are subject to a real risk of forfeiture?

You will be required to include an amount in your assessable income for the income year (*i.e.*, the financial year ending 30 June) in which the earliest of the following events occurs in relation to the Restricted Stock Units (the "ESS deferred taxing point").

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Your ESS deferred taxing point will be the earliest of the following:

- (i) when there are no longer any genuine restrictions on the vesting of the Restricted Stock Units and there is no real risk of you forfeiting your Restricted Stock Units;
- (ii) when the Restricted Stock Units are settled and there is no genuine restriction on the disposal of the underlying Shares; and
- (iii) your cessation of employment (but see Section 11(e) below).

Generally, this means that you will be subject to tax when your Restricted Stock Units vest. However, the ESS deferred taxing point for your Restricted Stock Units will be moved to the time you sell the underlying Shares if you sell the shares within 30 days of the original ESS deferred taxing point. In other words, you must report the income in the income year in which the sale occurs and not when the original ESS deferred taxing point occurs if you sell the underlying Shares in an arm's length transaction within 30 days of that original ESS deferred taxing point.

In addition to income taxes, the assessable amount may also be subject to Medicare Levy and surcharge (if applicable).

(c) What is the amount to be included in your assessable income if an ESS deferred taxing point occurs?

The amount you must include in your assessable income in the income year (*i.e.*, the financial year ending 30 June) in which the ESS deferred taxing point occurs in relation to your Restricted Stock Units (*i.e.*, typically at vesting) will be the difference between the "market value" of the underlying Shares at the ESS deferred taxing point and the cost base of the Restricted Stock Units (which should be nil because you do not have to pay anything to acquire the Restricted Stock Units or the underlying Shares).

If, however, you sell the underlying Shares in an arm's length transaction within 30 days of the original ESS deferred taxing point, the amount to be included in your assessable income in the income year in which the sale occurs will be equal to the difference between the sale proceeds and the cost base of the Restricted Stock Units (which, again, should be nil).

(d) What is the market value of the Underlying Shares?

The "market value" of the Restricted Stock Units or the underlying Shares, as applicable, at the ESS deferred taxing point is determined according to the ordinary meaning of "market value" expressed in Australian currency. The Company will determine the market value in accordance with guidelines prepared by the Australian Taxation Office.

The Company has the obligation to provide you with certain information about your participation in the Plan at certain times, including after the end of the income year in which the ESS deferred taxing point occurs. This may assist you in determining the market value of your Restricted Stock Units or underlying Shares at the ESS deferred taxing point. However, this estimate may not be correct if you sell the Shares within 30 days of the vesting date, in which case it is your responsibility to report and pay the appropriate amount of tax based on the sales proceeds.

(e) What happens if I cease employment before my Restricted Stock Units vest?

If you cease employment with your employer prior to the vesting date of some or all of your Restricted Stock Units and the Restricted Stock Units do not vest upon termination of employment (*i.e.*, they are forfeited), you may be treated as having never acquired the forfeited Restricted Stock Units in which case, no amount will be included in your assessable income.

(f) What tax consequences will arise when I sell my Shares?

If you sell the Shares acquired upon vesting of your Restricted Stock Units within 30 days of the original ESS deferred taxing point, your ESS deferred taxing point will be shifted to the date of sale for purposes of determining the amount of assessable income as described in Section 11(c) and you will not be subject to capital gains taxation.

If you sell the Shares acquired upon vesting of your Restricted Stock Units more than 30 days after the original ESS deferred taxing point, you will be subject to capital gains taxation to the extent that the sales proceeds exceed your cost basis in the Shares sold, assuming that the sale of Shares occurs in an arm's-length transaction (as will generally be the case provided that the Shares are sold through the Nasdaq Stock Exchange). Your cost basis in the Shares will generally be equal to the market value of the Shares at the ESS deferred taxing point (which will generally be the vesting date) plus any incremental costs you incur in connection with the sale (*e.g.*, brokers fees).

The amount of any capital gain you realize must be included in your assessable income for the year in which the Shares are sold. However, if you hold the Shares for at least one year prior to selling (excluding the dates you acquired and sold the Shares), you may be able to apply a discount to the amount of capital gain that you are required to include in your assessable income. If this discount is available, you may calculate the amount of capital gain to be included in your assessable income by first subtracting all available capital losses from your capital gains and then multiplying each capital gain by the discount percentage of 50%.

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You are responsible for reporting any income you realize from the sale of Shares acquired upon vesting of Restricted Stock Units and paying any applicable taxes due on such income.

If your sales proceeds are lower than your cost basis in the Shares sold (assuming the sale occurred in an arm's-length transaction), you will realize a capital loss. Capital losses may be used to offset capital gains realized in the current tax year or in any subsequent tax year, but may not be used to offset other types of income (e.g., salary or wage income).

(g) What are the taxation consequences if a dividend is paid on the Shares?

If you vest in the Restricted Stock Units and become a Company stockholder, you may be entitled to receive dividends on the Shares obtained from vesting in the Restricted Stock Units if the board of directors of the Company, in its discretion, declares a dividend. Any dividends paid on Shares will be subject to income tax in Australia in the tax year they are paid (even where such dividends are reinvested in Shares). The dividends are also subject to U.S. federal income tax withheld at source. You may be entitled to a foreign tax credit against your Australian income tax for the U.S. federal income tax withheld on any dividends.

(h) What are the tax withholding and reporting obligations associated with the Restricted Stock Units?

You will be responsible for reporting on your tax return and paying any tax liability in relation to the Restricted Stock Units and any Shares issued to you at vesting. It is also your responsibility to report and pay any tax liability on the sale of any Shares acquired under the Plan any dividends received.

Your employer will be required to withhold tax due on the Restricted Stock Units only if you have not provided your Tax File Number or Australian Business Number, as applicable, to your employer.

However, the Company or your employer will provide you (no later than 14 July after the end of the year) and the Commissioner of Taxation (no later than 14 August after the end of the year) with a statement containing certain information about your participation in the Plan in the income year in which the original ESS deferred taxing point occurs (typically the year of vesting). This statement will include an estimate of the market value of the underlying Shares at the taxing point. Please note, however, that, if you sell the Shares within 30 days of the ESS deferred taxing point, your taxing point will not be at the original ESS deferred taxing point, but will be the date of sale; as such, the amount reported by your employer may differ from your actual taxable amount (which would be based on the value of the Shares when sold, rather than at the ESS deferred taxing point). *You will be responsible for determining this amount and calculating your tax accordingly.*

13. WHAT ARE THE U.S. TAX CONSEQUENCES OF PARTICIPATION IN THE PLAN?

Australian residents who are not U.S. citizens or tax residents should not be subject to U.S. tax by reason only of the award or vesting of the Restricted Stock Units and/or the sale of Shares, except with respect to dividends as described above. However, liability for U.S. tax may accrue if an Australian resident is otherwise subject to U.S. tax.

This is only an indication of the likely U.S. tax consequences for an Australian resident who is awarded Restricted Stock Units under the Plan. Each Australian resident should seek his or her own advice as to the U.S. tax consequences of the Plan.

We urge you to carefully review the information contained in this Offer Document and the Additional Documents.

ANALOG DEVICES, INC.

APPENDIX D
EMPLOYER INFORMATION STATEMENT – DENMARK
RESTRICTED STOCK UNIT GRANT ON GRANT DATE

Pursuant to section 3(1) of the Danish Act on the Use of Rights to Purchase or Subscribe for Shares etc. in Employment Relationships, as amended as of January 1, 2019 (the “Stock Option Act”), you are entitled to receive the following information regarding the grant of Performance Restricted Stock Units (“RSUs”) by Analog Devices, Inc. (the “Company”) under the Analog Devices, Inc. Amended and Restated 2006 Stock Incentive Plan (the “Plan”) in a separate written statement. This statement contains only the information mentioned in the Stock Option Act; the other terms and conditions of your grant of RSUs is described in detail in your Global Restricted Stock Unit Agreement (the “Agreement”), the addendum to your Agreement and the Plan.

1. Date of Grant

The Company approved the grant of RSUs under the Plan on Grant Date. On this basis, the Date of Grant for your RSUs is Grant Date.

2. Terms and Conditions of the RSU Grant

The grant of RSUs and other awards under the Plan is made at the sole discretion of the Company. In determining who will receive RSUs, the number of shares of the Company’s common stock that are subject to the RSUs, and all other terms and conditions of the RSUs, the Company will consider a number of factors, including (but not limited to) the Company’s past, present and projected financial results, your personal performance and the value of the services that you render on the future value of the Company and its ongoing operations. Notwithstanding, the Company may decide, in its sole discretion, not to grant you additional RSUs or other awards under the Plan in the future. Under the terms of the Plan and the Agreement, you have no entitlement or claim to receive future RSU grants or other awards under the Plan.

3. Vesting Date of RSUs

Your RSUs will vest in accordance with the vesting schedule set forth in Section 1 of your Agreement. If you do not remain employed with the Company or one of the Company’s subsidiaries through the vesting date, you may forfeit all or a portion of your RSUs as of the effective date of your termination, depending upon the particular circumstances of your termination and when it occurs. In this regard, please see Section 5 below.

When your RSUs vest, the Company will issue one share of the Company’s common stock to you in settlement of each vested RSU.

4. Exercise Price

Because each RSU entitles you to receive one share of the Company’s common stock on the date of vesting without any cost to you or other payment required from you, there is no exercise price associated with the RSUs.

5. Your Rights upon Termination of Service

In the event you terminate employment with the Company group, the vesting and forfeiture of your RSUs will be determined in accord with the terms of your Agreement. In addition, you will be ineligible to receive any additional RSU grants after your termination.

6. Financial Aspects of Participating in the Plan

The grant of RSUs has no immediate financial consequences for you. The value of the RSUs is not taken into account when calculating holiday allowances, pension contributions or other statutory consideration calculated on the basis of salary. The tax treatment of RSUs depends on a number of aspects and thus, you are encouraged to seek particular advice regarding your tax position.

Shares of stock are financial instruments and investing in stocks will always have financial risk. The possibility of profit at the time of vesting will not only be dependent on the Company’s financial performance, but inter alia, also on the general development of the stock markets. In addition, before or after you vest in your RSUs, the shares of the Company’s common stock could decrease in value even below the price of such stock on the Date of Grant.

7. Other Issues

This Statement does not intend to alter any provisions of the Plan or the Agreement (or any related document), and the Plan and the Agreement (and any related document) shall prevail in case of any ambiguities. However, your mandatory rights under the Stock Option Act shall prevail in case of any ambiguities.

Notice Provided By:

Analog Devices, Inc.

Three Technology Way

Norwood, MA 02062

U.S.A.

ARBEJDSGIVERERKLÆRING – DANMARK
Tildeling af “Restricted Stock Units” den GRANTDATE

I henhold til § 3, stk. 1, i lov om brug af køberet eller tegningsret m.v. i ansættelsesforhold, som ændret virkning fra 1. januar 2019 (“Aktieoptionsloven”) er du berettiget til i en særskilt skriftlig erklæring at modtage følgende oplysninger om Analog Devices, Inc.’s (“Selskabets”) tildeling af “Performance Restricted Stock Units” (“RSU’er”) i henhold til Analog Devices, Inc.’s ændrede og genfremsatte 2006 medarbejderaktieordning (“Ordningen”). Denne erklæring indeholder kun de oplysninger, der er nævnt i Aktieoptionsloven. De øvrige vilkår og betingelser for tildelingen er beskrevet nærmere i *Global Restricted Stock Unit Agreement* (“Aftalen”), i tillægget til Aftalen og i Ordningen.

1. Tildelingsdato

Selskabets godkendte den Grant Date tildelingen af RSU’er i henhold til Ordningen. Tildelingsdatoen for dine RSU’er er således den Grant Date.

2. Vilkår og betingelser for RSU-tildelingen

RSU-tildelingen og øvrige tildelinger under Ordningen foretages efter Selskabets eget skøn. Ved fastlæggelsen af, hvem der skal modtage RSU’er, hvor mange af Selskabets ordinære aktier, der skal være genstand for RSU’er, og de øvrige vilkår og betingelser for RSU’erne, lægger Selskabet vægt på en række faktorer, herunder bl.a. Selskabets historiske, nuværende og forventede regnskabsmæssige resultater, dine personlige resultater og værdien af dine ydelser for Selskabets fremtidige værdi og løbende drift. Uanset ovenstående kan Selskabet frit vælge ikke at foretage yderligere RSU-tildelinger eller andre tildelinger til dig fremover. I henhold til Ordningen og Aftalen har du ikke ret til eller krav på fremover at modtage RSU-tildelinger eller andre tildelinger.

3. Modningsdato for RSU’er

Dine RSU’er modnes som anført i den modningsplan, der fremgår af afsnit 1 i Aftalen. Hvis du ikke forbliver ansat i Selskabet eller i et af Selskabets datterselskaber frem til modningsdatoen, kan du miste dine RSU’er helt eller delvist med virkning fra fratrædelsestidspunktet afhængig af de konkrete omstændigheder i forbindelse med din fratræden og tidspunktet herfor. Der henvises i den forbindelse til pkt. 5 nedenfor.

Når RSU’erne modnes, udsteder Selskabet én ordinær aktie i Selskabet til dig for hver RSU, der er modnet.

4. Udnyttelseskurs

Da hver RSU giver dig ret til at modtage én ordinær aktie i Selskabet på modningsdatoen, uden at du vil skulle betale nogen omkostninger eller andre beløb, er der ingen udnyttelseskurs forbundet med RSU’erne.

5. Din retsstilling i forbindelse med fratræden

Hvis din ansættelse i Selskabet eller dets koncern ophører, afhænger modningen og fortabelsen af RSU’erne af vilkårene i Aftalen. Derudover vil du ikke være berettiget til at få tildelt yderligere RSU’er efter din fratræden.

6. Økonomiske aspekter ved at deltage i Ordningen

Tildelingen af RSU’er har ingen umiddelbare økonomiske konsekvenser for dig. Værdien af RSU’erne indgår ikke i beregningen af feriepenge, pensionsbidrag eller andre lovpligtige, vederlagsafhængige ydelser. Den skattemæssige behandling af RSU’erne afhænger af flere forhold, og du opfordres derfor til at søge særskilt rådgivning vedrørende din skattemæssige situation.

Aktier er finansielle instrumenter, og investering i aktier vil altid være forbundet med en økonomisk risiko. Muligheden for at opnå en fortjeneste på modningstidspunktet afhænger således ikke kun af Selskabets økonomiske udvikling, men også af den generelle udvikling på aktiemarkedet. Derudover kan kursen på Selskabets aktier både før og efter overdragelsen af RSU’erne falde, måske endda til et niveau, der ligger under kursen på Tildelingsdatoen.

7. Diverse

Denne Erklæring har ikke til formål at ændre bestemmelserne i Ordningen eller Aftalen (eller i et dertil tilhørende dokument), og Ordningen og Aftalen (og eventuelle dertil tilhørende dokumenter) har forrang i tilfælde af flertydighed. Dine lovfæstede rettigheder i henhold til Aktieoptionsloven har dog forrang i tilfælde af flertydighed.

Meddelelse afgivet af:

Analog Devices, Inc.
Three Technology Way
Norwood, MA 02062
U.S.A.

APPENDIX E
ISRAELI APPENDIX

Trust Arrangement. If the Participant resides in Israel and has not already signed an Israeli Appendix in connection with grants made under the Amended and Restated Analog Devices, Inc. 2006 Stock Incentive Plan (the “Plan”), then the Participant must print, sign & deliver the signed copy of this Israeli Appendix within 45 days to: Stock Plan Administrator, Analog Devices, Inc., Norwood, Massachusetts, 02062 USA.

The Participant hereby understands and agrees that the Performance RSUs are offered subject to and in accordance with the terms of the Israeli Sub-Plan (the “Sub-Plan”) to the Plan under the 102 Capital Gains Track (as defined in the Sub-Plan), the Trust Agreement between the trustee appointed by Analog Devices, (Israel) Ltd. (the “Trustee”), Global Performance Restricted Stock Unit Agreement, including Appendix A thereto (collectively, the “Restricted Stock Unit Agreement”), and the Plan. In the event of any inconsistencies among the Sub-Plan, the Restricted Stock Unit Agreement, and/or the Plan, the Participant agrees that the Sub-Plan will govern the Performance RSUs granted to the Participant in Israel.

Please sign this Israeli Appendix and return it to the address shown on the top within 45 days of receipt. If Analog Devices, (Israel) Ltd. or Analog Devices, Inc. does not receive your signed Israel Appendix, your Performance RSUs shall terminate and will become null and void.

Name: Participant Name

Date

APPENDIX E - 1

**APPENDIX F TO
AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT**

Onscreen disclaimer

If you are liable for National Insurance contributions (“NICs”) in the United Kingdom in connection with your restricted stock units (“Awards”), you are required to enter into an Election to transfer to you any liability for employer’s NICs that may arise in connection with your awards.

Clicking on the “ACCEPT” box indicates your acceptance of the Election. You should read the “Important Note on the Election to Transfer Employer NICs” before accepting the Election.

Important Note on the Election to Transfer Employer NICs

If you are liable for National Insurance contributions (“NICs”) in the United Kingdom in connection with Awards that have been granted or assumed and converted under the Analog Devices, Inc. 2006 Stock Incentive Plan (the “Plan”), you are required to enter into an Election to transfer to you any liability for employer’s NICs that may arise in connection with your Awards.

By entering into the Election:

- you agree that any employer’s NICs liability that may arise in connection with your Awards will be transferred to you;
- you authorise your employer to recover an amount sufficient to cover this liability by such methods including, but not limited to, deductions from your salary or other payments due or the sale of sufficient shares acquired pursuant to your Awards; and
- you acknowledge that even if you have clicked on the “ACCEPT” box where indicated, the Company or your employer may still require you to sign a paper copy of this Election (or a substantially similar form) if the Company determines such is necessary to give effect to the Election.

Please read the Election carefully before accepting the Election.

Please print and keep a copy of the Election for your records.

**APPENDIX F TO
AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT**

This Election is between:

- A. The individual who has obtained authorised access to this Election (the “**Employee**”), who is employed by one of the employing companies listed in the attached schedule (the “**Employer**”) and who is eligible to receive restricted stock units (“**Awards**”) pursuant to the Analog Devices, Inc. Amended and Restated 2006 Stock Incentive Plan (the “**Plan**”), and
- B. Analog Devices, Inc. of One Technology Way, Norwood, Massachusetts 02062, U.S.A. (the “**Company**”), which may grant Awards under the Plans and is entering into this Election on behalf of the Employer.

1. Introduction

1.1 This Election relates to all Awards granted to the Employee or assumed and converted under the Plan up to the termination dates of the Plans.

1.2 In this Election the following words and phrases have the following meanings:

(a) “**Chargeable Event**” means, in relation to the Awards:

- (i) the acquisition of securities pursuant to restricted stock units and/or stock purchase rights (within section 477(3)(a) of ITEPA);
- (ii) the assignment (if applicable) or release of the restricted stock units in return for consideration (within section 477(3)(b) of ITEPA);
- (iii) the receipt of a benefit in connection with the restricted stock units, other than a benefit within (i) or (ii) above (within section 477(3)(c) of ITEPA);
- (iv) post-acquisition charges relating to the shares acquired pursuant to the restricted stock units (within section 427 of ITEPA); and/or
- (v) post-acquisition charges relating to the shares acquired pursuant to the restricted stock units (within section 439 of ITEPA).

(b) “**ITEPA**” means the Income Tax (Earnings and Pensions) Act 2003.

(c) “**SSCBA**” means the Social Security Contributions and Benefits Act 1992.

1.3 This Election relates to the employer’s secondary Class 1 National Insurance Contributions (the “Employer’s Liability”) which may arise on the occurrence of a Chargeable Event in respect of the Awards pursuant to section 4(4)(a) and/or paragraph 3B(1A) of Schedule 1 of the SSCBA.

1.4 This Election does not apply in relation to any liability, or any part of any liability, arising as a result of regulations being given retrospective effect by virtue of section 4B(2) of either the SSCBA, or the Social Security Contributions and Benefits (Northern Ireland) Act 1992.

1.5 This Election does not apply to the extent that it relates to relevant employment income which is employment income of the earner by virtue of Chapter 3A of Part VII of ITEPA (employment income: securities with artificially depressed market value).

2. The Election

**APPENDIX F TO
AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT**

The Employee and the Company jointly elect that the entire liability of the Employer to pay the Employer's Liability on the Chargeable Event is hereby transferred to the Employee. The Employee understands that, by signing or electronically accepting this Election, he or she will become personally liable for the Employer's Liability covered by this Election. This Election is made in accordance with paragraph 3B(1) of Schedule 1 of the SSCBA.

3. Payment of the Employer's Liability

- 3.1 The Employee hereby authorises the Company and/or the Employer to collect the Employer's Liability from the Employee at any time after the Chargeable Event:
- (i) by deduction from salary or any other payment payable to the Employee at any time on or after the date of the Chargeable Event; and/or
 - (ii) directly from the Employee by payment in cash or cleared funds; and/or
 - (iii) by arranging, on behalf of the Employee, for the sale of some of the securities which the Employee is entitled to receive in respect of the Awards; and/or
 - (iv) by any other means specified in the applicable award agreement.
- 3.2 The Company hereby reserves for itself and the Company the right to withhold the transfer of any securities related to the Awards to the Employee until full payment of the Employer's Liability is received.
- 3.3 The Company agrees to remit the Employer's Liability to HM Revenue & Customs on behalf of the Employee within 14 days after the end of the UK tax month during which the Chargeable Event occurs (or within 17 days after the end of the UK tax month during which the Chargeable Event occurs if payments are made electronically).

4. Duration of Election

- 4.1 The Employee and the Company agree to be bound by the terms of this Election regardless of whether the Employee is transferred abroad or is not employed by the Employer on the date on which the Employer's Liability becomes due.
- 4.2 This Election will continue in effect until the earliest of the following:
- (i) the Employee and the Company agree in writing that it should cease to have effect;
 - (ii) on the date the Company serves written notice on the Employee terminating its effect;
 - (iii) on the date HM Revenue & Customs withdraws approval of this Election; or
 - (iv) after due payment of the Employer's Liability in respect of the entirety of the Awards to which this Election relates or could relate, such that the Election ceases to have effect in accordance with its terms.
- 4.3 This Election will continue in force regardless of whether the Employee ceases to be an employee of the Employer.

Any reference in this Election to the Company and/or the Employer shall include that entity's successors in title and assigns as permitted in accordance with the terms of the Plan and the relevant award agreement. This Election will continue in effect in respect of any awards which replace the Awards in circumstances where section 483 ITEPA applies.

Acceptance by the Employee

The Employee acknowledges that, by clicking on the "ACCEPT" box, the Employee agrees to be bound by the terms of this Election.

Acceptance by Analog Devices, Inc.

Analog Devices, Inc. acknowledges that, by signing this Election or arranging for the scanned signature of an authorised representative to appear on this Election, Analog Devices, Inc. agrees to be bound by the terms of this Election.

**APPENDIX F TO
AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT**

Signature for and on
behalf of Analog Devices, Inc.

/s/ Kevin P. Lanouette

Kevin P. Lanouette
Assistant General Counsel

Date: Grant Date

Name: Participant Name

**APPENDIX F TO
AMENDED AND RESTATED 2006 STOCK INCENTIVE PLAN
PERFORMANCE RESTRICTED STOCK UNIT AGREEMENT**

Schedule of Employer Companies

The following are employer companies to which this Election may apply:

For each company, provide the following details:

Analog Devices Limited

Registered Office:	Unit 3 Horizon Business Village, 1 Brooklands Road, Weybridge, Surrey, KT13 OTJ
Company Registration Number:	895439
Corporation Tax Reference:	6873689030216A
PAYE Reference:	120/A4055

Linear Technology (UK) Limited

Registered Office:	3 The Listons, Liston Road, Marlow, Buckinghamshire, SL7 1FD
Company Registration Number:	2149602
Corporation Tax Reference:	120PA00148447
PAYE Reference:	120/L30589

CERTIFICATION

I, Vincent Roche, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Analog Devices, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 22, 2019

/s/ VINCENT ROCHE

Vincent Roche

President and Chief Executive Officer

(Principal Executive Officer)

CERTIFICATION

I, Prashanth Mahendra-Rajah, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Analog Devices, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 22, 2019

/s/ Prashanth Mahendra-Rajah

Prashanth Mahendra-Rajah
Senior Vice President, Finance
and Chief Financial Officer
(Principal Financial Officer)

**Certification Pursuant to 18 U.S.C. Section 1350,
As Adopted Pursuant to
Section 906 of the Sarbanes-Oxley Act of 2002**

In connection with the Quarterly Report on Form 10-Q of Analog Devices, Inc. (the "Company") for the period ended May 4, 2019 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), the undersigned, Vincent Roche, Chief Executive Officer of the Company, hereby certifies, pursuant to 18 U.S.C. Section 1350, that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: May 22, 2019

/s/ VINCENT ROCHE

Vincent Roche

Chief Executive Officer

**Certification Pursuant to 18 U.S.C. Section 1350,
As Adopted Pursuant to
Section 906 of the Sarbanes-Oxley Act of 2002**

In connection with the Quarterly Report on Form 10-Q of Analog Devices, Inc. (the "Company") for the period ended May 4, 2019 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), the undersigned, Prashanth Mahendra-Rajah, Chief Financial Officer of the Company, hereby certifies, pursuant to 18 U.S.C. Section 1350, that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: May 22, 2019

/s/ Prashanth Mahendra-Rajah

Prashanth Mahendra-Rajah

Chief Financial Officer