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

**FORM S-8
REGISTRATION STATEMENT**
*UNDER
THE SECURITIES ACT OF 1933*

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)

ANALOG DEVICES, INC. AMENDED AND RESTATED 2010 EQUITY INCENTIVE PLAN
(Full title of the plans)

Margaret K. Seif
Senior Vice President, Chief Legal Officer and Secretary
One Technology Way
Norwood, MA 02062
(Name and address of agent for service)

Telephone number, including area code, of agent for service: (781) 329-4700

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

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company)

Smaller reporting company

CALCULATION OF REGISTRATION FEE

Title of Securities to be Registered	Amount (number of shares) to be registered(1)	Proposed maximum offering price per share	Proposed maximum aggregate offering price	Amount of registration fee
Common Stock, \$0.16 2/3 par value per share	829,144(2)	\$82.95	\$68,777,494	\$7,971.31

(1) In accordance with Rule 416 under the Securities Act of 1933, as amended, this registration statement shall be deemed to cover any additional securities that may from time to time be offered or issued to prevent dilution from stock splits, stock dividends or similar transactions.

(2) Represents the maximum number of shares of common stock of Analog Devices, Inc. ("Analog" or the "Registrant"), \$0.16 2/3 par value per share ("Analog common stock") issuable pursuant to awards to be granted after the date hereof under the Analog Devices, Inc. Amended and Restated 2010 Equity Incentive Plan (f/k/a the Linear Technology Corporation 2010 Equity Incentive Plan), as assumed by Analog.

EXPLANATORY NOTE

Analog Devices, Inc. (“Analog” or the “Registrant”) is filing this Form S-8 relating to shares of Analog common stock issuable pursuant to awards to be granted after the date hereof under the Analog Devices, Inc. Amended and Restated 2010 Equity Incentive Plan (f/k/a the Linear Technology Corporation 2010 Equity Incentive Plan) (the “2010 Plan”), a portion of which plan was assumed by Analog in connection with completion of the merger contemplated by the Agreement and Plan of Merger (the “Merger Agreement”), dated as of July 26, 2016 by and among Analog, Linear Technology Corporation (“Linear”) and Tahoe Acquisition Corp. (the “Merger”).

At the effective time of the Merger, Analog assumed a portion of the 2010 Plan for the purpose of granting future equity awards relating to Analog common stock to employees who were employed by Linear immediately prior to the effective time of the Merger, or who are hired after the Merger. This Registration Statement has been filed for the purpose of registering up to 829,144 shares of Analog common stock issuable pursuant to awards to be granted after the date hereof under the 2010 Plan.

PART I INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

The documents containing the information specified in this Part I will be sent or given to employees as specified by Rule 428(b)(1) under the Securities Act. In accordance with the rules and regulations of the Securities and Exchange Commission (the “Commission”) and the instructions to Form S-8, such documents are not being filed with the Commission as part of this registration statement.

PART II INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents, which have heretofore been filed by the Registrant with the Commission, are incorporated by reference herein:

- (a) The Registrant’s Annual Report on Form 10-K for the fiscal year ended October 29, 2016;
- (b) All other reports filed pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”) since October 29, 2016; and
- (c) The description of the Registrant’s common stock, \$0.16 2/3 par value per share, contained in the Registrant’s Form 8-A, filed with the Securities and Exchange Commission on March 21, 2012.

All documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act and prior to the filing of a post-effective amendment to this registration statement which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold shall be deemed to be incorporated by reference into this registration statement and to be a part hereof from the date of filing such documents. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this registration statement to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this registration statement.

Item 4. Description of Securities.

Not Applicable.

Item 5. Interests of Named Experts and Counsel.

Not Applicable.

Item 6. Indemnification of Officers and Directors.

Article 6A of the Company's Restated Articles of Organization, as amended (the "Restated Articles") provides that the Registrant shall indemnify each person who is, or was, a director or officer of the Registrant or who is or was a director or employee of the Registrant and is serving or has served as a director of another organization at the request of the Registrant or in any capacity with respect to an employee benefit plan of the Registrant, against all liabilities and expenses, including judgments, fines, penalties, amounts paid or to be paid in settlement, and reasonable attorneys' fees, imposed upon or incurred by any such person in connection with, or arising out of, the defense or disposition of any action, suit or other proceedings, whether civil or criminal, to which such individual may be made a defendant or with which such individual may become involved or threatened, directly or indirectly, by reason of having been an officer or director of the Registrant or as a result of his having served with respect to any such employee benefit plan. Article 6A further provides that the Registrant shall provide no indemnification with respect to any matter as to which any director or officer shall be finally adjudicated in such action, suit or proceeding not to have acted in good faith in the reasonable belief that his action was in the best interests of the Registrant or, if the matter relates to an employee benefit plan, the participants or beneficiaries of such employee benefit plan. The right to indemnification conferred by Article 6A includes the right to be paid by the Registrant for liabilities and expenses incurred in connection with settlement or compromise of any such action pursuant to a consent decree or otherwise, unless a determination is made by the board of directors that such settlement or compromise is not in the best interests of the Registrant or, if the matter relates to an employee benefit plan, the participants or beneficiaries of such employee benefit plan.

Article 6A of the Restated Articles includes the right to payment by the Registrant of expenses, including reasonable attorney's fees, incurred in defending a civil or criminal action, suit or proceeding in advance of its final disposition, subject to receipt of an undertaking by the individual person to repay such payment if it is ultimately determined that such person is not entitled to indemnification under the Restated Articles. However, no advance may be made if the board of directors reasonably and promptly determines, by a majority vote of a quorum consisting of disinterested directors (or, if such quorum is not obtainable, by a majority of the disinterested directors of the Registrant or if two disinterested directors are not then in office, by independent legal counsel in a written opinion), based on facts known to the board of directors or such independent legal counsel at such time, that such person did not act in good faith in the reasonable belief that his action was in the best interest of the Registrant or the participants or beneficiaries of such employee benefit plan, as the case may be.

Under Article 6A of the Restated Articles, if an individual is entitled under any provision of Article 6 of the Restated Articles to indemnification by the Registrant for some or a portion of the liabilities or expenses imposed upon or incurred by such individual in the investigation, defense, appeal or settlement of any action, suit or proceeding but not, however, for the total amount thereof, the Registrant shall nevertheless indemnify such individual for the portion of such liabilities or expenses to which such individual is entitled. The Registrant's obligation to provide indemnification under the Restated Articles shall be offset to the extent of any other source of indemnification or any otherwise applicable insurance coverage under a policy maintained by the Registrant or any other person.

Under Article 6D of the Restated Articles, to the fullest extent permitted by the Massachusetts Business Corporation Act, as may be amended from time to time, no director shall be personally liable to the Registrant or its stockholders for monetary damages for breach of his fiduciary duty as a director, notwithstanding any provision of law imposing such liability.

The Registrant has also entered into indemnification agreements with its directors and executive officers, each of which creates a direct contractual obligation of the Registrant to indemnify the individual under certain circumstances. Each agreement generally provides that the Registrant will indemnify the director or officer to the fullest extent permitted under Massachusetts law for claims arising in such individual's capacity as a director or officer of the Registrant or in connection with his or her service at the request of the Registrant for another entity. Each agreement, among other things, establishes certain remedies for claims and contains deadlines and procedures to be followed in connection with a request for indemnification and/or advancement of expenses, including in the event of a change in control of the Registrant.

In addition, the Registrant has directors and officers liability insurance for the benefit of its directors and officers.

Item 7. Exemption from Registration Claimed.

Not Applicable.

Item 8. Exhibits.

- 4.1 Analog Devices, Inc. Amended and Restated 2010 Equity Incentive Plan (incorporated by reference to Exhibit 4.2 of the Company's Post-Effective Amendment to Form S-4 on Form S-8, filed with the Commission on March 15, 2017).
- 5.1 Opinion of Wilmer Cutler Pickering Hale and Dorr LLP, counsel to the Registrant.
- 23.1 Consent of Wilmer Cutler Pickering Hale and Dorr LLP (included in Exhibit 5.1).
- 23.2 Consent of Ernst & Young LLP (independent registered public accounting firm of Analog Devices, Inc.).
- 23.3 Consent of Ernst & Young LLP (independent registered public accounting firm of Linear Technology Corporation).
- 24 Power of Attorney is included on the signature page.

Item 9. Undertakings.

(a) The undersigned Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933, as amended (the "Securities Act");

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized in the Town of Norwood, Commonwealth of Massachusetts, on this 14th day of March, 2017.

ANALOG DEVICES, INC.

By: /s/ Vincent Roche
Vincent Roche
President and Chief Executive Officer

POWER OF ATTORNEY AND SIGNATURES

We, the undersigned officers and directors of Analog Devices, Inc., hereby severally constitute and appoint Vincent Roche, David A. Zinsner and Margaret K. Seif, and each of them singly, our true and lawful attorneys with full power to them, and each of them singly, to sign for us and in our names in the capacities indicated below, the registration statement on Form S-8 filed herewith and any and all subsequent amendments to said registration statement, and generally to do all such things in our names and on our behalf in our capacities as officers and directors to enable Analog Devices, Inc. to comply with the provisions of the Securities Act of 1933, as amended, and all requirements of the Securities and Exchange Commission, hereby ratifying and confirming our signatures as they may be signed by our said attorneys, or any of them, to said registration statement and any and all amendments thereto.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Ray Stata</u> Ray Stata	Chairman of the Board of Directors	<u>March 14, 2017</u>
<u>/s/ Vincent Roche</u> Vincent Roche	President, Chief Executive Officer and Director (Principal Executive Officer)	<u>March 14, 2017</u>
<u>/s/ David A. Zinsner</u> David A. Zinsner	Senior Vice President, Finance and Chief Financial Officer (Principal Financial Officer)	<u>March 14, 2017</u>
<u>/s/ Eileen Wynne</u> Eileen Wynne	Vice President and Chief Accounting Officer (Principal Accounting Officer)	<u>March 14, 2017</u>
<u>/s/ James A. Champy</u> James A. Champy	Director	<u>March 14, 2017</u>
<u>/s/ Bruce R. Evans</u> Bruce R. Evans	Director	<u>March 14, 2017</u>

<u>/s/ Edward H. Frank</u> Edward H. Frank	Director	<u>March 14, 2017</u>
<u>/s/ Mark Little</u> Mark Little	Director	<u>March 14, 2017</u>
<u>/s/ Neil Novich</u> Neil Novich	Director	<u>March 14, 2017</u>
<u>/s/ Kenton J. Sicchitano</u> Kenton J. Sicchitano	Director	<u>March 14, 2017</u>
<u>/s/ Lisa Su</u> Lisa Su	Director	<u>March 14, 2017</u>
<u>Robert H. Swanson, Jr.</u>	Director	<u></u>

EXHIBIT INDEX

<u>Exhibit Number</u>	<u>Description</u>
4.1	Analog Devices, Inc. Amended and Restated 2010 Equity Incentive Plan (incorporated by reference to Exhibit 4.2 of the Company's Post-Effective Amendment to Form S-4 on Form S-8, filed with the Commission on March 15, 2017).
5.1	Opinion of Wilmer Cutler Pickering Hale and Dorr LLP, counsel to the Registrant.
23.1	Consent of Wilmer Cutler Pickering Hale and Dorr LLP (included in Exhibit 5.1).
23.2	Consent of Ernst & Young LLP (independent registered public accounting firm of Analog Devices, Inc.).
23.3	Consent of Ernst & Young LLP (independent registered public accounting firm of Linear Technology Corporation).
24	Power of Attorney is included on the signature page.

March 14, 2017

Analog Devices, Inc.
One Technology Way
Norwood, Massachusetts 02062

Joseph B. Conahan

+1 617 526 6000 (t)
+1 617 526 5000 (f)
wilmerhale.com

Re: Registration Statement on Form S-8

Ladies and Gentlemen:

This opinion is furnished to you in connection with a Registration Statement on Form S-8 (the "Registration Statement") to be filed by Analog Devices, Inc., a Massachusetts corporation (the "Company"), with the Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Securities Act"), relating to an aggregate of 829,144 shares of common stock, \$0.16 2/3 par value per share (the "Shares"), of the Company issuable under the Analog Devices, Inc. Amended and Restated 2010 Equity Incentive Plan (the "Plan"), which was assumed by the Company in connection with the completion of the transactions contemplated by the Agreement and Plan of Merger, dated as of July 26, 2016 (the "Merger Agreement"), by and among the Company, Linear Technology Corporation and Tahoe Acquisition Corp.

We have examined the Articles of Organization and By-Laws of the Company, each as amended and restated to date, and originals, or copies certified to our satisfaction, of all pertinent records of the meetings of the directors of the Company, the Registration Statement, the Plan, the Merger Agreement and such other documents relating to the Company as we have deemed material for the purposes of this opinion.

In our examination of the foregoing documents, we have assumed the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as certified, photostatic or other copies, the authenticity of the originals of any such documents and the legal competence of all signatories to such documents.

We assume that the appropriate action will be taken, prior to the offer and sale of the Shares in accordance with the Plan, to register and qualify the Shares for sale under all applicable state securities or "blue sky" laws.

We express no opinion herein as to the laws of any state or jurisdiction other than the state laws of the Commonwealth of Massachusetts.

It is understood that this opinion is to be used only in connection with the offer and sale of the Shares while the Registration Statement is in effect.

Please note that we are opining only as to the matters expressly set forth herein, and no opinion should be inferred as to any other matters.

Wilmer Cutler Pickering Hale and Dorr LLP, 60 State Street, Boston, Massachusetts 02109

Beijing Berlin Boston Brussels Denver Frankfurt London Los Angeles New York Palo Alto Washington

Based on the foregoing, we are of the opinion that the Shares have been duly authorized for issuance and, when the Shares are issued and paid for in accordance with the terms and conditions of the Plan, the Shares will be validly issued, fully paid and nonassessable.

We hereby consent to the filing of this opinion with the Commission in connection with the Registration Statement in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act. In giving such consent, we do not hereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission.

Very truly yours,

Wilmer Cutler Pickering Hale and Dorr LLP

By: /s/ Joseph B. Conahan

Joseph B. Conahan, a Partner

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Analog Devices, Inc. Amended and Restated 2010 Equity Incentive Plan of our reports dated November 22, 2016, with respect to the consolidated financial statements and schedule of Analog Devices, Inc. and the effectiveness of internal control over financial reporting of Analog Devices, Inc. included in its Annual Report (Form 10-K) for the year ended October 29, 2016, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Boston, Massachusetts

March 14, 2017

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Analog Devices, Inc. Amended and Restated 2010 Equity Incentive Plan of our report dated August 25, 2016, with respect to the consolidated financial statements and schedule of Linear Technology Corporation for the year ended July 3, 2016, included in Analog Devices, Inc.'s Current Report on Form 8-K dated November 30, 2016 filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

San Jose, California

March 14, 2017