	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21
Industrial	\$738	\$778	\$756	\$748	\$689	\$716	\$777	\$813	\$856	\$972
Comms	\$348	\$363	\$319	\$262	\$241	\$277	\$364	\$311	\$281	\$277
Auto	\$243	\$234	\$226	\$225	\$205	\$181	\$162	\$229	\$246	\$258
Consumer	\$213	\$152	\$178	\$208	\$168	\$143	\$154	\$173	\$176	\$155
Total	\$1,541	\$1,527	\$1,480	\$1,443	\$1,304	\$1,317	\$1,456	\$1,526	\$1,558	\$1,661
QoQ										
Industrial	-	5%	-3%	-1%	-8%	4%	9%	5%	5%	14%
Comms	-	4%	-12%	-18%	-8%	15%	31%	-14%	-10%	-1%
Auto	-	-4%	-3%	0%	-9%	-12%	-11%	42%	7%	5%
Consumer	-	-29%	17%	17%	-19%	-15%	7%	13%	1%	-12%
Total	-	-1%	-3%	-2%	-10%	1%	11%	5%	2%	7%
YoY										
Industrial	-	-	-	-	-7%	-8%	3%	9%	24%	36%
Comms	-	-	-	-	-31%	-24%	14%	19%	16%	0%
Auto	-	-	-	-	-15%	-22%	-29%	2%	20%	42%
Consumer	-	-	-	-	-21%	-6%	-14%	-17%	5%	8%
Total	-	-	-	-	-15%	-14%	-2%	6%	20%	26%

Notes:

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 and the Company's methodology 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. The sum and/or computation of the individual amounts may not equal the total due to rounding.

(1) These results are unaudited.