# 1Q17 CFO Commentary <br> SUPPLEMENTAL INFORMATION <br> FEBRUARY 15, 2017 

## FORWARD-LOOKING STATEMENTS

This presentation may be deemed to contain forward-looking statements, which address a variety of subjects, including, for example, financial goals and expectations, including earnings per share goals, shareholder returns, market trends, growth opportunities and business strategy, and expected customer demand for our products. Statements that are not historical facts, including statements about our beliefs and expectations, are forward-looking statements. Such statements are based on our current expectations, beliefs, assumptions, estimates, forecasts, and projections, and are subject to a number of uncertainties and factors, which could cause actual results to differ materially from those described in the forward-looking statements, and such statements should not be relied upon as representing Analog Devices' expectations or beliefs as of any date subsequent to the date of this presentation. Important factors that may affect actual outcomes and results include: any faltering in global economic conditions or the stability of credit financial markets; erosion of consumer confidence and declines in consumer spending; unavailability of raw materials, services or supplies or manufacturing capacity; changes in geographic, product or consumer mix; our ability to successfully integrate acquired businesses and technologies; adverse results in litigation matters; and other risk factors described in our most recent filings with the Securities and Exchange Commission, including the risk factors contained in ADI's most recent Quarterly Report on Form 10-Q. Except as required by law, we do not undertake any obligation to update forward looking statements made by us to reflect subsequent events or circumstances.

## GAAP RECONCILIATION

This presentation includes non-GAAP financial measures that have been adjusted in order to provide investors with useful information regarding our results of operations and business trends. Reconciliations of these non-GAAP measures to their most directly comparable GAAP measures can be found on slides 13 and 14.

## Summary

## 1Q17 Results

- Quarterly revenue of $\$ 984$ million, $-2 \%$ QoQ and $+28 \%$ YoY
- Business to business markets of industrial, automotive, and comms infrastructure: +1\% QoQ, +11\% YoY
- Non-GAAP diluted EPS of $\$ 0.94$ per share
- Non-GAAP diluted EPS -10\% QoQ and +68\% YoY


## 2Q17 Guidance

- Revenue in the range of $\$ 870$ million to $\$ 950$ million, $+12 \%$ YoY to $+22 \%$ YoY
- Non-GAAP diluted EPS in the range of \$0.74 to \$0.86, +16\% YoY to +34\% YoY


## 1Q17 Financial Snapshot

| in millions; except dilluted EPS | 1Q17 | 4Q16 | 1Q16 | QoQ | YoY |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Revenue | $\$ 984$ | $\$ 1,004$ | $\$ 769$ | $-2 \%$ | $+28 \%$ |
| Gross Margin ${ }^{(1)}$ | $66.1 \%$ | $66.6 \%$ | $62.2 \%$ | -50 bp | +390bp |
| Operating Margin ${ }^{(1)}$ | $35.0 \%$ | $38.1 \%$ | $27.8 \%$ | -310 bp | +720 bp |
| Diluted EPS ${ }^{(1)}$ | $\$ 0.94$ | $\$ 1.05$ | $\$ 0.56$ | $-10 \%$ | $+68 \%$ |
| Free Cash Flow $^{(1)(2)}$ (TTM) | $\$ 1,243$ | $\$ 1,153$ | $\$ 1,029{ }^{(3)}$ | -- | -- |
| Cash Return (TTM) | $\$ 759$ | $\$ 880$ | $\$ 800$ | -- | -- |
| $\quad \%$ of FCF (TTM) | $61 \%$ | $77 \%$ | $78 \%$ | -- | -- |

[^0]Revenue (\$M)


Non-GAAP EPS*


- Non-GAAP EPS of $\$ 0.94,-10 \%$ QoQ and $+68 \%$ YoY


## Non-GAAP Gross Margin*



- Non-GAAP gross margins of $66.1 \%$ were above the high-end of our guidance on a better mix of business and higher revenue

Inventory (\$M)
-DOI


Non-GAAP Op-ex* (\$M)


Non-GAAP Operating Profit* (\$M)

6

Cash and Debt (\$B)


Free Cash Flow* (TTM, \$M)
—Margin


- Generated $\$ 286$ million of free cash flow in the first quarter, an increase of $46 \%$ over the prior year
- Over the past twelve months, free cash flow generated was $\$ 1.2$ billion, or $34 \%$ of sales


## 1Q17 Revenue by End-Market



1Q17 Revenue: \$984M

Industrial (\$M)


- Industrial sales +1\% QoQ and +15\% YoY
- Very strong results in the seasonally slower first quarter - broad based strength across all industrial sectors year-over-year.
- On a sequential basis, Industrial Instrumentation applications outperformed, with particular strength in ATE, and Factory Automation saw continued improvement

Automotive (\$M)


- Automotive sales -2\% QoQ and +10\% YoY
- Broad-based strength year-over-year across content-rich Infotainment, Powertrain, and ADAS applications
- Sequential results better-than-seasonal


## Consumer (\$M)



- Consumer sales $-8 \%$ QoQ and $+113 \%$ YoY
- Portable consumer applications strength continued in the seasonally slower Consumer-revenue first quarter

Communications Infrastructure (\$M)


- Comms infrastructure sales $+1 \%$ QoQ and $+4 \%$ YoY
- Optical networking drove the year-on-year revenue increase, and both wireless and wireline infrastructure were stable sequentially, a good result in what is typically a seasonally weaker quarter


## 2Q17 Guidance

- Revenue estimated to be in the range of $\$ 870$ million to $\$ 950$ million
- Non-GAAP gross margin expected to increase to between approximately $66.5 \%$ and approximately 67\%
- Non-GAAP operating expenses expected to be down approximately $3 \%$ to up approximately $1 \%$ sequentially
- Non-GAAP interest and other expense expected to be approximately $\$ 30$ million
- Non-GAAP tax rate expected to be approximately $8 \%$
- Non-GAAP diluted EPS estimated to be $\$ 0.74$ to $\$ 0.86$ per share

 Company's pending acquisition of Linear Technology Corporation, which is expected to close by the end of the Company's second fiscal 2017 quarter. Known reconciling items are
- Non-GAAP gross margin excludes $\$ 2.7$ million of amortization of purchased intangible assets and depreciation of step up value on purchased fixed assets;
- Non-GAAP operating expenses exclude $\$ 18.2$ million of amortization of purchased intangible assets and depreciation of step up value on purchased fixed assets;
- Non-GAAP tax rate excludes $\$ 1.0$ million provision for income taxes which represents the tax effects of the reconciling items noted in the two bullets above; and
 assets, net of tax, associated with the non-GAAP adjustments noted above on a per share basis.


## Historical End-Market Revenue Breakdown



## (1) The sum of the individual amounts may not equal the total due to rounding.

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

## Reconciliation of Non-GAAP Measures to GAAP Measures

| (millions, except per share amounts) | Q116 |  | Q216 |  | Q316 |  | Q416 |  | Q117 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Margin | \$ | 477.3 | \$ | 510.9 | \$ | 572.3 | \$ | 666.7 | \$ | 648.5 |
| Acquisition Related Expenses | \$ | 1.4 | \$ | 1.5 | \$ | 1.9 | \$ | 2.0 | \$ | 2.2 |
| Non-GAAP Gross Margin (1) \% Revenue | \$ | $\begin{gathered} \hline 478.7 \\ 62.2 \% \end{gathered}$ | \$ | $\begin{gathered} \hline 512.4 \\ 65.8 \% \end{gathered}$ | \$ | $\begin{gathered} \hline 574.2 \\ 66.0 \% \end{gathered}$ | \$ | $\begin{gathered} \hline 668.7 \\ 66.6 \% \end{gathered}$ | \$ | $\begin{aligned} & \hline 650.7 \\ & 66.1 \% \end{aligned}$ |


| FY 2016 |  |
| :---: | :---: |
| $\$$ | $\mathbf{2 , 2 2 7 . 2}$ |
| $\$$ | 6.8 |
| $\$$ | $\mathbf{2 , 2 3 4 . 0}$ |
|  | $\mathbf{6 5 . 3} \%$ |


| GAAP Operating Expense | \$ | 282.2 | \$ | 303.5 | \$ | 303.6 | \$ | 309.7 | \$ | 382.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Less: Acquistion-Related Expenses | \$ | (17.5) | \$ | (17.5) | \$ | (17.6) | \$ | (18.0) | \$ | (18.2) |
| Less: Acquistion-Related Transaction Costs | \$ | - | \$ | - | \$ | (8.3) | \$ | (5.2) | \$ | (8.0) |
| Less: Restructuring-Related Expense | \$ | - | \$ | (13.7) | \$ | - | \$ | - | \$ | (49.5) |
| Non-GAAP Operating Expense (1) \% Revenue | \$ | $\begin{gathered} \hline 264.8 \\ 34.4 \% \end{gathered}$ | \$ | $\begin{aligned} & \hline 272.3 \\ & 35.0 \% \end{aligned}$ | \$ | $\begin{gathered} \hline 277.7 \\ 31.9 \% \end{gathered}$ | \$ | $\begin{gathered} 286.5 \\ 28.5 \% \end{gathered}$ | \$ | $\begin{gathered} \hline 306.5 \\ 31.1 \% \end{gathered}$ |


| $\$$ | $\mathbf{1 , 1 9 9 . 1}$ |
| :--- | ---: |
| $\$$ | $(70.6)$ |
| $\$$ | $(13.5)$ |
| $\$$ | $(13.7)$ |
| $\$$ | $\mathbf{1 , 1 0 1 . 3}$ |
|  | $\mathbf{3 2 . 2} \%$ |


| GAAP Operating Income from Continuing | $\$$ | $\mathbf{1 9 5 . 0}$ | $\$$ | $\mathbf{2 0 7 . 4}$ | $\$$ | $\mathbf{2 6 8 . 7}$ | $\$$ | $\mathbf{3 5 7 . 0}$ | $\$$ | $\mathbf{2 6 6 . 3}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Add: Acquistion-Related Expenses | $\$$ | 18.9 | $\$$ | 19.0 | $\$$ | 19.5 | $\$$ | 20.0 | $\$$ | 20.4 |
| Add: Acquistion-Related Transaction Costs | $\$$ | - | $\$$ | - | $\$$ | 8.3 | $\$$ | 5.2 | $\$$ | 8.0 |
| Restructuring-Related Expense | - | $\$$ | 13.7 | $\$$ | - | $\$$ | - | $\$$ | 49.5 |  |
| Non-GAAP Operating Income from Continuing | $\$$ | $\$$ | $\mathbf{2 1 3 . 9}$ | $\$$ | $\mathbf{2 4 0 . 1}$ | $\$$ | $\mathbf{2 9 6 . 5}$ | $\$$ | $\mathbf{3 8 2 . 2}$ | $\$$ |
| \% Revenue | $\mathbf{3 4 4 . 2}$ |  |  |  |  |  |  |  |  |  |
|  |  | $\mathbf{2 7 . 8} \%$ | $\mathbf{3 0 . 8} \%$ |  | $\mathbf{3 4 . 1} \%$ | $\mathbf{3 8 . 1} \%$ | $\mathbf{3 5 . 0} \%$ |  |  |  |


| $\$$ | $\mathbf{1 , 0 2 8 . 1}$ |
| :--- | ---: |
| $\$$ | 77.4 |
| $\$$ | 13.5 |
| $\$$ | 13.7 |
| $\$$ | $\mathbf{1 , 1 3 2 . 7}$ |
|  | $\mathbf{3 3 . 1} \%$ |


| GAAP Other (Income) Expense | \$ | 12.9 | \$ | 12.5 | \$ | 12.3 | \$ | 33.5 | \$ | 33.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Loss on Extinguishment of Debt | \$ | (3.3) | \$ | - | \$ | - | \$ |  | \$ |  |
| Amortization of Deferred Financing Costs | \$ | - | \$ | - | \$ | - | \$ | (13.7) | \$ | (7.2) |
| Non-GAAP Other (Income) Expense (1) | \$ | 9.6 | \$ | 12.5 | \$ | 12.3 | \$ | 19.9 | \$ | 25.7 |
| \% Revenue |  | 1.2 \% |  | 1.6 \% |  | 1.4 \% |  | 2.0 \% |  | 2.6 \% |


| $\$$ | $\mathbf{7 1 . 2}$ |
| :---: | :---: |
| $\$$ | $(3.3)$ |
| $\$$ | $(13.7)$ |
| $\$$ | $\mathbf{5 4 . 2}$ |
|  | $\mathbf{1 . 6} \%$ |


| GAAP Diluted EPS from Continuing Operations | \$ | 0.52 | \$ | 0.55 | \$ | 0.74 | \$ | 0.95 | \$ | 0.69 | \$ | 2.76 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Add: Acquistion-Related Expenses | \$ | 0.06 | \$ | 0.06 | \$ | 0.06 | \$ | 0.06 | \$ | 0.07 | \$ | 0.25 |
| Add: Acquistion-Related Transaction Costs | \$ | - | \$ | - | \$ | 0.03 | \$ | 0.02 | \$ | 0.03 | \$ | 0.04 |
| Add: Amortization of Deferred Financing Costs | \$ | - | \$ | - | \$ | - | \$ | 0.04 | \$ | 0.02 | \$ | 0.04 |
| Add: Restructuring-Related Expense | \$ | - | \$ | 0.04 | \$ | - | \$ | - | \$ | 0.16 | \$ | 0.04 |
| Add: Loss on Extinguishment of Debt | \$ | 0.01 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | 0.01 |
| Less: Income Tax Effect of Above Items | \$ | - | \$ | (0.01) | \$ | (0.01) | \$ | (0.02) | \$ | (0.03) | \$ | (0.06) |
| Less: Impact of Reinstatement of R\&D Tax Credit | \$ | (0.02) | \$ | - | \$ | - | \$ | - | \$ | - | \$ | (0.02) |
| Non-GAAP Diluted EPS from Continuing | \$ | 0.56 | \$ | 0.64 | \$ | 0.82 | \$ | 1.05 | \$ | 0.94 | \$ | 3.07 |
| Diluted Shares |  | 314.8 |  | 312.3 |  | 310.6 |  | 311.6 |  | 313.1 |  | 312.3 |

## Supplemental Cash Flow Measures

| (millions) | Q116 |  | Q216 |  | Q316 |  | Q416 |  | Q117 |  | FY 2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net cash provided by operating \% of revenue Capital expenditures | \$ | $\begin{gathered} 219.7 \\ 28.6 \% \\ (23.1) \end{gathered}$ | \$ | $\begin{aligned} & 320.2 \\ & 41.1 \% \\ & (25.5) \end{aligned}$ | \$ | $\begin{aligned} & 254.0 \\ & 29.2 \% \\ & (37.5) \end{aligned}$ | \$ | $\begin{aligned} & 487.0 \\ & \mathbf{4 8 . 5} \% \\ & (41.2) \end{aligned}$ | \$ | $\begin{aligned} & 314.5 \\ & 31.9 \% \\ & (28.3) \end{aligned}$ | \$ | $\begin{gathered} \mathbf{1 , 2 8 0 . 9} \\ \mathbf{3 7 . 4} \% \\ (127.4) \end{gathered}$ |
| Adjusted free cash flow (1) | \$ | 196.6 | \$ | 294.7 | \$ | 216.5 | \$ | 445.8 | \$ | 286.2 | \$ | 1,153.5 |
| \% of revenue |  | 25.5 \% |  | 37.8 \% |  | 24.9 \% |  | 44.4 \% |  | 29.1 \% |  | 33.7 \% |

(1) The sum of the individual amounts may not equal the total due to rounding.

## Contact Information

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[^0]:    (1) Financial results are presented on a non-GAAP basis. Non-GAAP results exclude special items. See slides 13 and 14 for a reconciliation of our non-GAAP to GAAP results.
    (2) Free cash flow is defined as cash provided by (used in) operating activities less capital expenditures. See slide 14 for the calculation of free cash flow.
    (3) Excludes one-time payment of $\$ 224$ million relating to the conversion of the Company's Irish defined benefit pension plan.

