Driving Growth in Diversified Markets

5G Wireless • Embedded Vision • Industrial IoT • Cloud Computing
Forward-Looking Statements

During the course of this presentation, we may provide projections or other forward-looking statements regarding future events and/or future financial performance. Forward-looking statements and projections can be identified by the use of words such as “expect”, “anticipate”, “believe”, and “estimate”. Undue reliance should not be placed on such forward-looking statements and projections, which speak only as of the date they are made. We undertake no duty to update such forward-looking statements. Actual events and results may differ materially from those in the forward-looking statements and are subject to risks and uncertainties. We refer you to the documents the Company files from time to time with the Securities and Exchange Commission, specifically, the Company’s last filed Form 10-K. These documents identify important risk factors that could cause actual results to differ materially from those contained in our projections and other forward-looking statements.

Use of non-GAAP Financial Information

This presentation contains both non-GAAP and GAAP numbers. We provide a reconciliation between non-GAAP and GAAP numbers in the appendix to this presentation, as well as on our website at investor.xilinx.com.

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Agenda

- Driving Growth in Diversified Markets
  ~ Moshe Gavrielov, President & CEO

- Fueling the Growth – Cloud & Embedded Vision
  ~ Victor Peng, EVP & GM of Products

- Fueling the Growth – Industrial IoT & 5G
  ~ Krishna Rangasayee, SVP & GM, Global Sales & Markets

- Investing for Growth and Returns
  ~ Lorenzo Flores, SVP & CFO

- Q&A Session

- Reception
Unprecedented Position of Strength, Opportunity and Momentum
Four Foundational Pillars for Growth

Significant Market Expansion

- Multi-Market High Growth Megatrends
- Breakouts in Integration and Programming
- 3 Generations of Technology Leadership
- Capitalize on Industry Consolidation

Strong PLD Segment Share Gains

Highly Profitable Business Model
Xilinx is Diversified Across Multiple Markets

- Aerospace and Defense
- Industrial and Medical
- Test, Measure and Emulation
- Automotive and Transportation
- Wireless Communications
- Audio, Video and Broadcast
- Consumer
- Wired Comms and Data Center
Enabling Multi-Market High Growth Megatrends

- Cloud Computing
- Embedded Vision
- Industrial IoT
- 5G Wireless

Megatrends and Impacted Markets

- Cloud Computing
  - Data Center
  - Industrial
  - Wired Comms
  - Wireless
  - Broadcast
  - A&D

- Embedded Vision
  - Auto (ADAS)
  - Industrial
  - Medical
  - Broadcast
  - A&D
  - Consumer

- Industrial IoT
  - Industrial
  - Medical
  - Energy
  - Transportation

- 5G Wireless
  - Wireless
  - Automotive
  - Industrial
  - A&D
  - T&M

Xilinx Role in High Growth Megatrends

Cloud Computing

Accelerating Storage, Networking, and Compute

Embedded Vision

Enabling Cars and Machines to See it All

Industrial IoT

Enabling Safe and Secure Connected Machines

5G Wireless

Connecting Any Band, Any Standard, Any Network

The Xilinx Differentiating Advantage

ALL PROGRAMMABLE

Combining Software Intelligence with Flexible Hardware Optimization and Any-to-Any Connectivity
The New Xilinx Portfolio

ALL PROGRAMMABLE

ALL Programmable Devices

Zynq MPSoCs
Accelerated Enhanced FPGAs

Breakout in System Integration

ALL Programming Models

SDx Software Defined Environments

Breakout in Programming Models

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Expanding into ASSP and Acceleration Markets

Enabling FY21 Market Expansion of ~$500M

- >250,000 Embedded & Data Center Software Engineers
- >50,000 Zynq SoC Engineers
- >50,000 FPGA Hardware Engineers

FPGA

Zynq MPSoC

Acceleration Enhanced FPGAs

SDx

$8B Incremental ASSP and Acceleration SAM

$10B SAM Beyond PLD

$2B Incremental ASSP SAM

$5B PLD SAM
3 Generations of Leadership for Share Gain

FY11: ~53%  FY16: ~57%

- 28nm
  - Xilinx: ~65%
  - Competition: ~35%
- 20nm
  - Xilinx: ~80%
  - Competition: ~20%
- 16nm
  - Xilinx: 100%
  - ~1 Year Lead

Enabling FY21 Share Gain of ~$250M

Note: All numbers derived from Altera and Xilinx Only
Source: Public Reports and Xilinx Estimates
Capitalizing on Industry Consolidation Trends

2005

125+

2015

>20 MoUs with Strategic Customers in Last 6 Months

Driving Share Gains Through FY21

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Four Foundational Pillars for Growth

- **Significant Market Expansion**
  - Multi-Market High Growth Megatrends
  - Breakouts in Integration and Programming
  - 3 Generations of Technology Leadership
  - Capitalize on Industry Consolidation

- **Strong PLD Segment Share Gains**

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Highly Profitable Business Model
Incremental R&D for Expansion and Share Gains

Significant Market Expansion
- Accelerated 16nm Tape-Out Plan
- Integration Breakthrough for Pre-5G and 5G
- New Acceleration Enhanced FPGAs

Strong PLD Segment Share Gains
- New 28nm Low End FPGAs
- Ramp of 7nm for New Class of Devices
Sources of Incremental Growth: >$750M in FY21

Significant Market Expansion

>$500M Market Expansion

>$250M PLD Share Gain

Strong PLD Segment Share Gains
All Programmable

- Unprecedented Position of Strength, Opportunity and Momentum
- Portfolio Breakouts Driving End Market and User Expansion
- 3Peat and Consolidation Driving Significant Share Gains
- Investing While Retaining Highly Profitable Business Model
- The Time is Now to Capitalize and Monetize
Fueling the Growth Drivers

5G Wireless • Embedded Vision • Industrial IoT • Cloud Computing
3Peat Leadership
Momentum

- >65% 28nm Segment Share
- $660M Record 28nm FY16 Revenue
- >80% 20nm Segment Share
- ~$100M Record 20nm FY16 Revenue
- >1 Year, 3X Lead at 16nm, Broadest Portfolio
Technology Break-outs
Momentum

3D on 3D
Acceleration Enhanced FinFET FPGAs

19 Billion
Transistors in Largest 3D IC

>2X
Zynq SoC Revenue from FY15 to FY16

>5X
Zynq MPSoC Performance/Watt Boost

>700
SDx Customer Licenses
New Products Tailored for Growth Drivers

Cloud Computing
Acceleration Enhanced with HBM and CCIX

Embedded Vision
Zynq MPSoC with H.265, GPU and Safety

Industrial IoT
Zynq MPSoC with Any-to-Any I/O, Security and Safety

3Peat

5G Wireless
Zynq MPSoC with Architecture and Integration Breakthroughs

Software-Defined Development Environments
Momentum in Multi-Market Growth Drivers

Cloud Computing

Embedded Vision

Industrial IoT

5G Wireless

Enabling Cloud Computing

On Demand, Scalable, Virtualized, Self-Learning
Xilinx Role in Growth Drivers

Cloud Computing

Embedded Vision

Industrial IoT

5G Wireless

Accelerating Storage, Networking, and Compute

Enabling Cars and Machines to See it All

Enabling Connected, Intelligent, and Precise Control

Creating More Bandwidth at any Band in Any Network

Xilinx Acceleration Opportunities in the Cloud

Cloud Computing

Storage
- Storage Class Memory
- Scalable Storage
- Interface/Control for SSDs
- Interface/Control for Flash Arrays

Networking
- Metro
- Core

Reconfigurable Compute
- Big Data
- Machine Learning
- HPC
- Video

$6.0B SAM in 5 Years
Programmable Hardware Acceleration Advantages

Application Examples

- **Database**
  - Key-Value Store

- **Image Processing**
  - Image Resizing

- **Machine Learning**
  - Convolutional Neural Networks

10-35X Performance/Watt Gain and Reconfigurable
Multiple System Configurations for Acceleration

Flexible Accelerated Servers

CPU + FPGA or Standalone FPGA Accelerators

Scalable Acceleration Appliance

Multi-FPGA Based Appliances

Savings of 10’s of CPUs per Single FPGA
Multiple Architectures and Expanding Ecosystem

- ARM
- Power
- X86

All 3 Architectures

- Application Frameworks
- Tools & Libraries
- Silicon & Boards

Expanding Ecosystem
Technology Leaders Join Forces to Bring an Open Acceleration Framework to Data Centers and Other Markets

AMD, ARM, Huawei, IBM, Mellanox, Qualcomm, and Xilinx collaborate on new Cache Coherent Interconnect for Accelerators (CCIX) that will allow multiple processor architectures and accelerators to seamlessly share data.
Xilinx Momentum in the Data Center

Average Value of Design Win

- 2011: 1X
- 2016: 3.5X

3.5X in 5 years

World’s Top 7 Hyperscale Data Centers

- 3 in Production
- 2 in Trials

* Xilinx sales reports
Xilinx Expands its 16nm UltraScale+ Product Roadmap to Include Acceleration Enhanced Technologies for the Data Center

Combines 16nm UltraScale+ programmable logic with HBM memory and new accelerator interconnect technology for heterogeneous computing
5 Differentiating Advantages
"Economics with Performance"

1. Multiple Configurations for Increased Compute/$
2. Reconfigurable Accelerators for Dynamic Workloads
3. Efficient Performance/Watt for Multiple Workloads
4. Software Defined Reconfigurable Acceleration
5. Enablement of x86, ARM and Power
Cloud Computing Momentum

- **3.5X**
  Data Center Design Value Increase (5 Yrs)

- **3, >10**
  Production Deployments, Engagements

- **3 of 3**
  X86, ARM, Power Architectures Enabled

- **7**
  Industry Leaders Driving CCIX

- **10-35X**
  Performance/Watt Over CPUs
Enabling Embedded Vision

ADAS, Machine Vision, Surveillance, Drones, Medical, ProAV, Displays...
Xilinx Role in Growth Drivers

Cloud Computing

Embedded Vision

Industrial IoT

5G Wireless

Accelerating Storage, Networking, and Compute

Enabling Cars and Machines to See it All

Enabling Connected, Intelligent, and Precise Control

Creating More Bandwidth at any Band in Any Network

Xilinx Opportunities in Embedded Vision

**Embedded Vision**

**Automotive**
- Front Cameras
- Machine Learning
- Surround View
- AR in HUDs
- Driver / Passenger Monitoring

**ISM**
- Industrial AR
- Inspection & Detection
- Medical Diagnostics
- Surveillance
- Robotics

**A&D, AVB, Consumer**
- Military ISR & AR
- Guidance Systems
- Drones
- Virtual Reality
- Cameras & Displays

$4.0B SAM in 5 Years
Expanding Xilinx Role in Automotive

Sensor Fusion

Radar  Lidar  Forward Camera  Multi-camera  Interior Camera

Systems in Production
- 3D Surround View
- Rear View Camera
- Rear Cross Traffic
- Blind Spot Detection
- Lane Departure Warning
- Intelligent Headlamp Control
- Traffic Sign Recognition
- Forward Collision Warning
- Intelligent Speed Control
- Pedestrian Detection
Xilinx ADAS Market Momentum

Cumulative Shipments

<table>
<thead>
<tr>
<th>Year</th>
<th>Makes</th>
<th>Models</th>
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<tbody>
<tr>
<td>2013</td>
<td>9</td>
<td>13</td>
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<tr>
<td>2014</td>
<td>14</td>
<td>29</td>
</tr>
<tr>
<td>2015</td>
<td>19</td>
<td>64</td>
</tr>
<tr>
<td>2016</td>
<td>23</td>
<td>85</td>
</tr>
</tbody>
</table>

4 Additional Makes, 21 Models
2016 North American Automotive PLDs for ADAS Product Leadership Award

“Xilinx Will Be Instrumental in Enabling the Future Goals of Automated Driving”
Xilinx: Best Platform for Embedded Vision

Real-Time Vision Analytics at the Edge

ARM Processor Sub System

Safety and Security

Any-to-Any

FPGA

Sensor Fusion

Zynq

Real-Time Vision Analytics at the Edge

......
Beyond ADAS: Rapid Growth of Vision Systems

Vision System Shipments

Billions

Source: Synopsys, consolidated from multiple sources
>200 Customers Powered by Xilinx

**Camera**
- >30 Camera Brands

**ADAS**
- 23 Auto Makers, 85 Models

**Industrial**
- >50 Equipment Manufacturers

**Broadcast**
- 8 Major Broadcasters

**ProAV**
- >70 Equipment Makers

**Drones**
- >5 Drone Companies

**VR/AR**
- 8 VR/AR Companies

**Medical**
- >10 Medical Companies

**Display**
- >30 Major Brands
5 Differentiating Advantages
"Vision with Precision"

1. Real-time Image Recognition and Analytics
2. All Programmable Platform Reuse
3. Scalable Sensor Fusion
4. Highest Performance/Watt
5. Only Single Chip Safety and Security
Embedded Vision
Momentum

24 Million, 3X
ADAS Unit Shipments, Increase (2 Years)

>80
FY17 Auto Models Shipping ADAS w/ Xilinx

>200
Customers Delivering Vision with Xilinx

$100B to $350B
5 Yr Growth of Vision System Shipments
Enabling Industrial IoT

Factory Automation, Medical, Energy, Surveillance, Scientific
Xilinx Role in Growth Drivers

Cloud Computing

Embedded Vision

Industrial IoT

5G Wireless

Accelerating Storage, Networking, and Compute

Enabling Cars and Machines to See it All

Enabling Safe and Secure Connected Machines

Connecting Any Band, Any Standard, Any Network

Segmenting the Internet of Things

Huge Industrial IoT Opportunity

- $30B Fuel Cost Savings
- $66B Fuel Cost Savings
- $63B Productivity Gains
- $90B CAPEX
- $27B Productivity Gains

Aviation | Gas Fleets | Healthcare | Gas Exploration | Rail industry

1% Savings Eliminates 10’s Billions of Costs

Source: Datawatch and GE
Xilinx Opportunities

Industrial IoT

Smart Factory
- Motion/Motor Control
- AR Enabled Maintenance
- M2M & Secure Connectivity
- Sensor Fusion & Analytics

Smart Energy
- Smart Grid
- Power Conversion & Management
- Alternative Energy Systems

Smart Cities & Medical
- Medical Diagnostics
- Secure Connectivity
- Public Safety
- Transportation

$2.5B SAM in 5 Years
Customer Mandates

Reducing time-to-market
- Shorter innovation cycles
- More complex products
- Bigger but smarter data volumes

Enhancing flexibility
- Mass customization
- Volatile markets
- Highest productivity

Increasing efficiency
- Optimal capacity utilization
- Highest quality standards
- Efficient resource utilization

Source: Siemens
Pioneering Innovative Customer Solutions

- **Time to Market**: 15X – 50X Software Defined Productivity
- **Flexibility**: ‘All Programmable’ Platform Reuse
- **Efficiency**: Performance/Watt, Sensor Fusion & Analytics
Xilinx: Best Platform for Industrial IoT

Arm Processor Sub System

Safety and Security

FPGA

Any-to-Any

Sensor Fusion

Analytics and Cloud Connectivity

Zynq
2.5X Increase in Design Value per Socket

2010
Standalone Systems

Today
I-IoT Systems
10X Increase in Design Value per Platform

Present with Zynq Based Platforms

- Compact or Low-End: ~60%
- Standard or Mid-Range: ~30%
- Premium or High-End: ~10%

Past with FPGAs

Unit Volume
Xilinx Industrial IoT Platform Breadth

- Medical
- Robotics
- Transportation
- Digital Factory
- Smart Grids
- Surveillance

Zynq
5 Differentiating Advantages
"Precise, Predictive, Secure, Safe and Connected"

1. Sensor Fusion and Analytics
2. Any-to-Any Connectivity
3. Highest Precision Motion Control
4. All Programmable Platform for Reuse
5. Only Single Chip Safety and Security Platform
I-IoT Momentum

2.5X
Increase in Socket Win Value with Zynq

10X
Increase in Platform Win Value with Zynq

~80%
Xilinx in Market Leaders I-IoT Platforms

$10B’s
Savings from Each 1% Efficiency Gain
Enabling 5G Wireless

- 10x – 100x Connected Devices
- 5x Lower Latency
- 10x-100x End-user Data Rates
- 1000x Mobile Data Volumes
- 10x Battery Life for Low Power Devices

Source: Metis

1000X Network Capacity with 100X Connected Devices
Xilinx Role in Growth Drivers

Cloud Computing

- Smarter
- Connected
- Differentiated

- Accelerating Storage, Networking, and Compute

Embedded Vision

- Enabling Cars and Machines to See it All

Industrial IoT

- Delivering Connected Intelligence. Safe and Secure

5G Wireless

- Connecting Any Band, Any Standard, Any Network

Driving Forces Behind 5G

Industry 4.0  Autonomous Car  Virtual Reality  Smart Cities  Digital Health

5G is Much More than Mobile Broadband
Xilinx Wireless Leadership

✓ Industry Leader for LTE (4G)
✓ In Production with all OEMs
✓ $1B+ shipped to-date
✓ $2B+ over lifetime
Xilinx Opportunities

5G Wireless

Baseband
- CRAN Accel
- MEC
- EPC
- L1 Baseband

Connectivity
- Gateway
- Fronthaul
- Backhaul
- CPRI Switching

Radio
- Small Cell
- Repeater & DAS
- AAS
- M-MIMO
- Macro RRU

$2.1B SAM in 5 Years
5G Mandate: Fill Demand Gaps and Monetize

Demand (Exabytes Per Day)

5G Builds Upon a Growing 4G

Demand & Capacity Gap
3G/4G
Wi-Fi

Source: Nokia
5G vs. 4G: Customer Challenges

*Uniquely Enabled by Xilinx*

- **Capacity**: 1000x Increase
- **Data Rates**: 100Gbps Peak
- **Compute**: 3-5X Increase
- **Bandwidth**: 5X Increase
- **Bands**: 2X Lower
- **Power**: Lower
- **Latency**: Lower
- **TTM**: 1/2 Time
Xilinx Products and Roadmap

3G and 4G
- 28nm

4G and Pre-5G
- 20nm & 16nm

5G
- 16nm & 7nm

Disruptive Integration and Architectural Breakthrough
5 Differentiating Advantages

"Massive Performance at Any Band"

1. 1-2 Year Time to Market Advantage vs. ASICs
2. Enabling 5X Bandwidth at 3X Bands at ½ Power
3. Scalable and Flexible Future Proof Platforms
4. <50% Total Cost of Ownership
5. Disruptive Technology Breakthroughs
5G Wireless
Momentum

6 of 6
Proof of Concept Programs with Leaders

>90%
Pre-5G Deployments Planned with Xilinx

>80%
5G Test Equipment with Xilinx

3-5X
Expected 5G vs. 4G More Radios
Market Expansion Summary

Cloud Computing
- Acceleration Driving:
  - 3.5X design value
  - Hyperscale ramp

Embedded Vision
- Zynq Driving:
  - >80 ADAS models
  - >200 Vision customers

Industrial IoT
- Zynq Driving:
  - 2.5X socket value
  - 10X platform value

5G Wireless
- 28 thru 7nm Driving:
  - >90% of pre-5G
  - 3-5X radios

... with tailored products for each megatrend
5 Year Market Expansion Implications

- Cloud Computing
- Embedded Vision
- Industrial IoT
- 5G Wireless

Incremental

>$500M
Market Segment Share Summary

3Peat Driving:
Unprecedented share at advanced nodes

Consolidation Driving:
>20 MoUs with strategic customers
5 Year Market Segment Share Implications

Incremental
>$250M
Sources of Incremental Growth: >$750M in FY21

- Significant Market Expansion
- Strong PLD Segment Share Gains

- >$500M Market Expansion
- >$250M PLD Share Gain
ALL PROGRAMMABLE

ANY MEDIA

5G

ANY MACHINE

5G Wireless • Embedded Vision • Industrial IoT • Cloud Computing

ANY STANDARD

4K/8K

ANY NETWORK

X

Investing for Growth and Returns
Continued Commitment to Cash Returns
Commitment to Shareholder Return

- Increased dividend by 6%
- 11th consecutive year of dividend growth
- Buyback authorization increased by $1B

>100% Returned to Shareholders in Past Ten Years
Durability of Cash Flow

Free Cash Flow Margin

Cash Flow Margin presented is non-GAAP and defined as (Operating Cash Flow less Capital expenditures)/TTM sales. Complete reconciliations can be found in the appendix in this presentation and at investor.xilinx.com
Resilient Business Model

Gross Margin

<table>
<thead>
<tr>
<th>Year</th>
<th>FY13</th>
<th>FY14</th>
<th>FY15</th>
<th>FY16</th>
<th>FY17E</th>
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<tbody>
<tr>
<td>Gross Margin</td>
<td>66%</td>
<td>69%</td>
<td>70%</td>
<td>70%</td>
<td>68-70%</td>
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Operating Margin

<table>
<thead>
<tr>
<th>Year</th>
<th>FY13</th>
<th>FY14</th>
<th>FY15</th>
<th>FY16</th>
<th>FY17E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Margin</td>
<td>27%</td>
<td>31%</td>
<td>32%</td>
<td>30%</td>
<td>~29%</td>
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Multi-Market Portfolio Enables Durable Cash Flows

FY16 Sales by End Market

- Communications and Data Center: 42% (32% in FY11) (53% in FY11)
- Broadcast, Consumer and Auto: 41%
- Industrial and A&D: 17%

Industrial and A&D
- Aerospace and Defense
- Industrial, Scientific and Medical
- Test, Measurement and Emulation

Communications and Data Center
- Wired Communications
- Data Center
- Wireless Communications

Broadcast, Consumer and Auto
- ADAS and Infotainment
- Audio, Video and Broadcast
- Consumer
Multi-Node Portfolio Enables Durable Cash Flows

FY16 Sales by Node

- 90nm and Older
- 40/45/65nm
- 28/20/16nm
Timely Investment = Share Gain & Market Expansion

More Products | Leadership Technology | Faster to Market

Revenue

28nm
Virtex 7 and Kintex 7

Over 2X

40nm
Virtex 6

Q-1 Q0 Q4 Q8 Q12 Q16

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Directed Investment to Accelerate R&D

% of SG&A and R&D

<table>
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<tr>
<th>Year</th>
<th>SG&amp;A</th>
<th>R&amp;D</th>
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<tr>
<td>FY13</td>
<td>44%</td>
<td>56%</td>
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<td>FY14</td>
<td>43%</td>
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<tr>
<td>FY15</td>
<td>42%</td>
<td>58%</td>
</tr>
<tr>
<td>FY16</td>
<td>39%</td>
<td>61%</td>
</tr>
<tr>
<td>FY17E</td>
<td>36%</td>
<td>64%</td>
</tr>
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Continue to Maintain Strong Operating Margins
Investing for Market Expansion and Share Gain

FY17E R&D Investment by Node

- **16nm**
  - Multiple products for market expansion & accelerated tapeouts for share gain

- **7nm**
  - New class of devices for market expansion & share gain

- **28nm**
  - Extend 28nm low-end family with Spartan-7 for share gains
Driving Share Gain and Growth

R&D Investment ($M)

FY13 | FY14 | FY15 | FY16 | FY17E

0 | 200 | 400 | 600 |
Driving Share Gain and Growth

Share Gains

- **Xilinx**
  - 28nm: ~65%
  - 20nm: ~80%
  - 16nm: 100%

- **Competition**
  - 28nm: ~35%
  - 20nm: ~20%

Xilinx has a ~1 Year Lead in technology and market share.
Driving Share Gain and Growth

28/20/16nm Growth ($M)
Multi-Market Growth Drivers—FY17E

- Zynq momentum in platform-based designs
- High-end leadership enables Test and Measure strength
- Breadth of A & D programs provides stability

Communications and Data Center
- 28nm/20nm ramp in access, cable, OTN
- Modest wireless recovery, 5G prototypes
- Data Center traction in acceleration and cloud

Broadcast, Consumer and Auto
- Zynq momentum in ADAS platforms across industry
- Early adoption in AR/VR, drones
- Growth in hi-res video and Pro/AV offset by consolidation

FY17 revenue expected to increase 4-8%
## Financial Guidance – FY17E

<table>
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<tr>
<th>Category</th>
<th>Guidance</th>
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<tr>
<td>Sales</td>
<td>~4-8%</td>
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<tr>
<td>Gross Margin</td>
<td>~68-70%</td>
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<tr>
<td>Operating Expenses</td>
<td>~$930 - $950M</td>
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<tr>
<td>Amortization of Intangibles</td>
<td>~$4M</td>
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<tr>
<td>Other Income</td>
<td>~(14 - 18M)</td>
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<tr>
<td>Tax Rate</td>
<td>~14%</td>
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<td>Capex</td>
<td>$50 - $55M</td>
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Sources of Incremental Growth: >$750M in FY21

- Significant Market Expansion
- Strong PLD Segment Share Gains

- Zynq in Vision, I-IoT, 5G
- >$500M Market Expansion
- FPGAs & Zynq in the Cloud

- Advanced Node Share
- >$250M PLD Share Gain
- Consolidation and MoUs
All Programmable

- Unprecedented Position of Strength, Opportunity and Momentum
- Portfolio Breakouts Driving End Market and User Expansion
- 3Peat and Consolidation Driving Significant Share Gains
- Investing While Retaining Highly Profitable Business Model
- The Time is Now to Capitalize and Monetize
Unprecedented Position of Strength, Opportunity and Momentum
Appendix
# Free Cash Flow Reconciliation

<table>
<thead>
<tr>
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<th>Fiscal Years Ended</th>
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<tbody>
<tr>
<td>(in thousands)</td>
<td></td>
</tr>
<tr>
<td>Cash flows from operations (GAAP)</td>
<td>$ 275,486</td>
</tr>
<tr>
<td>Capital expenditures</td>
<td>(61,377)</td>
</tr>
<tr>
<td>Free cash flows (non-GAAP)</td>
<td>$ 214,109</td>
</tr>
<tr>
<td>Revenue</td>
<td>$1,573,233</td>
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<tr>
<td>Free cash flows as a percentage of revenue (non-GAAP)</td>
<td>13.61%</td>
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