Xilinx Investor Presentation

Investor Relations Update
August 2019
Forward-Looking Statements

This presentation 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”, “believe,” “may,” “will,” “could,” “anticipate,” “estimate,” “continue,” “plan,” “intend,” “project,” or other similar expressions. Statements that refer to or are based on projections, uncertain events or assumptions also identify forward-looking statements. Such forward looking statements specifically include, without limitation, information pertaining to longer-term revenue and profitability performance, and future market developments, such as total available or total serviceable markets. Undue reliance should not be placed on any 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. For a discussion of some of the risks and important factors that could affect such forward-looking statements, we refer you to the Company’s most recent Forms 10-K and 10-Q and other filings filed with the Securities and Exchange Commission. 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.
Xilinx Strategy
Era of Pervasive Connected Intelligence

Drives rapid, unstructured data growth that is stressing existing infrastructure

Requires adaptable platforms with an array of high performance, energy efficient domain specific architectures (DSA’s)

Enables diverse AI models and Neural Networks (NN) applications which drive performance requirements

Mainframe Era Units (M)
PC Era Units (100M’s)
Mobile Era Units (B’s)
Pervasive Intelligence Era Units (10B’s-100B’s)
Explosion of Unstructured Data
Key Growth Drivers

- 5G
- Data Center
- Automotive
Xilinx Targeting Fast Growing SAM

Source: IHS & Xilinx Estimates
Megatrends, Growing Diverse SAM, and Share Gains Drive Sustained High Growth

- 3-4X versus 4G
- $1B+ by FY23
- 4X content by FY24

Core Markets SAM FY20-24 CAGR of 10%
Enabling End-to-End Computational, Networking and Communications Infrastructure Upgrades
Xilinx Transformation

From Devices to Platforms to handle the rapid growth of dynamic workloads
Xilinx Versal is the first generation of ACAP

Industry’s 1st Adaptive Compute Acceleration Platform (ACAP) and a new class of device from Xilinx

Versal employs adaptable heterogeneous system architecture
- New SW programmable AI Engine for diverse compute acceleration workloads
- New High-bandwidth Network-on-Chip integrated w/ hardened DDR Subsystem
- Processor System in all Versal devices
- Re-architected Programmable Logic

Xilinx first 7nm device: Versal AI Core VC1902
- 133TOPs AI Engines, 12TOPs DSP Engines, and 900K LUTs
- 256b DDR4/LPDDR4, PCIe Gen4 & CCIX up to 25Gpbs
- 1st product with 37 billion transistors, taped out in 2018, sampling in 2019
Zynq Based Platforms a Key Growth Driver
Demonstrating customer platform adoption

Zynq share of total revenue is growing rapidly

FY19 Xilinx Total Revenue
- 17% SoC
- 83% FPGA

FY19 Design Win Value
- 37% SoC
- 64% FPGA

Note: Total Xilinx Zynq Revenue

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Platform Transformation = Growth

FY16–19 CAGR %
- Platform: 70% (↑)
- Advanced: 30% (↑)
- Core: 10% (↓)

Note: Platform products include all Zynq based products and Alveo products.
Over $3 Billion in FY19 Revenue – 24% YoY Growth

FY2017 - $2.349B (1)
FY2018 - $2.467B (2)
FY2019 - $3.059B

Notes:
(1) FY2017 quarterly and yearly revenue shown are based on ASC 605 and has not been restated for ASC 606. FY2017 annual revenue data adjusted to reflect ASC 606 is $2.356B and has been published in Company’s 10Q filing.
(2) FY 2018, FY 2019, FY 2020 quarterly and annual data are based on ASC606 © Copyright 2019 Xilinx
Prudent R&D Investment + Sustained Execution = Compounding Growth

Illustration of Xilinx R&D investment in Silicon & Software vs Advanced Products Revenue by node
R&D Investment Drives Growth

3 Year (FY17-20E) Revenue vs R&D Expense CAGR

Source: FactSet & Xilinx analysis

Companies included: ADI, AMD, AVGO, CY, INTC, MCHP, MU, MXIM, NVDA, NXPI, ON, QCOM, QRVO, SLAB, SWKS, and TXN

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Capital Allocation to Support Strategy

**Invest in Business**
- Emphasis on investing in our strategy to drive revenue growth
  - Organic investment
  - Inorganic accelerators
- Increase Balance Sheet flexibility

**Shareholder Returns**
- Maintain dividend with modest growth
  - Now at $1.48 per share
- Share repurchases to hold share count flat
  - FY19 repurchased 2.4M shares
Execute the Strategy

Deliver Excellent Results

Data Center First

Accelerate Core Markets

Drive Adaptive Computing
Adaptable. Intelligent.