



INVESTOR DAY

September 7, 2023

INTRODUCTION

Munjal Shah | VP Investor Relations



SAFE HARBOR STATEMENT

This presentation contains forward-looking statements that are subject to the safe harbors created under the Securities Act of 1933, as amended, and the Securities Exchange Act of 1934, as amended. Forward-looking statements give our current expectations and projections relating to our financial condition, results of operations, plans, objectives, future performance and business, and can be identified by the fact that they do not relate strictly to historical or current facts. Such forward-looking statements may include words such as “expect,” “anticipate,” “intend,” “believe,” “estimate,” “plan,” “target,” “strategy,” “continue,” “may,” “will,” “should,” variations of such words, or other words and terms of similar meaning.

All forward-looking statements reflect our best judgment and are based on several factors relating to our operations and business environment, all of which are difficult to predict and many of which are beyond our control. Such factors include, but are not limited to, the risks as identified in the “Risk Factors,” “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and “Business” sections of our most recent Annual Report on Form 10-K and our most recent Quarterly Report on Form 10-Q; and other risks as identified from time to time in our Securities and Exchange Commission reports.

Forward-looking statements are based on information available to us on the date hereof, and we do not have, and expressly disclaim, any obligation to publicly release any updates or any changes in our expectations, or any change in events, conditions, or circumstances on which any forward-looking statement is based. Our actual results and the timing of certain events could differ materially from the forward-looking statements. These forward-looking statements do not reflect the potential impact of any mergers, acquisitions, or other business combinations that had not been completed as of the date of this presentation.

USE OF NON-GAAP METRICS

In this presentation, Synaptics considers and uses certain non-GAAP financial measures, which are not a measurement of the company’s financial performance under GAAP and should not be considered as an alternative or superior to GAAP financial metrics. The non-GAAP information excludes share-based compensation, acquisition related costs, and certain other non-cash or recurring and non-recurring items. In addition, non-GAAP financial measures are not standardized and may not be comparable to non-GAAP financial measures of other companies.

The company presents non-GAAP metrics as an important supplemental measure of its performance since it facilitates operating performance comparisons from period to period. Non-GAAP financial measures have limitations as an analytical tool and should not be considered in isolation or as a substitute for our GAAP financial measures. The principal limitations of these measures are that they do not reflect the company’s actual expenses and costs and may thus have the effect of inflating or underestimating the non-GAAP financial measure when compared to the company’s operating results reported under GAAP.

Please see our fourth quarter fiscal 2023 press release for additional discussion of our use of non-GAAP financial measures, and the tables attached to the end of this presentation for a complete reconciliation of GAAP to non-GAAP financial measures used in this presentation.

REAFFIRM FISCAL Q1 GUIDANCE

See press release filed today, September 7, 2023

- We are reiterating our guidance for the September quarter given in the August 3, 2023 earnings release
- Webcast and slides of today's presentation are available on the IR section of www.synaptics.com
- Executive team Q&A at the end of the session
- Online audience can submit a question via email to ir@synaptics.com

AGENDA

Growth
Strategy



MICHAEL HURLSTON

President & CEO

Wireless
Connectivity



VENKAT KODAVATI

SVP & GM,
Wireless

IoT
Processors



VIKRAM GUPTA

SVP & GM,
IoT Processors

Enterprise
Workspaces



SALEEL AWSARE

SVP & GM,
Enterprise/Mobile

Automotive



MICHAEL HURLSTON

President & CEO

Financials
for Growth



DEAN BUTLER

CFO

Q & A



EXECUTIVE TEAM

Synaptics

ACCELERATING GROWTH

Michael Hurlston | President & CEO



FOUNDED
Federico Faggin &
Carver Mead



1ST TOUCHPAD



IPO
Nasdaq



iPOD
Capacitive Touch



WORLD'S FIRST
Capacitive touch
screen phone

1 BILLION UNITS
Shipped

MOBILE INVESTMENT
RENEASAS
validity

1986

1995

2002

2004

2007

2011

2014

Synaptics Investor Day 2023

THE SYNAPTICS JOURNEY

2023

ACCELERATING
IoT OPPORTUNITY

IoT SURPASSES
\$1B REVENUE



2022

2021

ENTERED
EDGE AI
DSP
GROUP

2020

BOLSTERED IoT
DisplayLink
BROADCOM

2019

IoT FOCUS
Divested Mobile
LCD TDDI



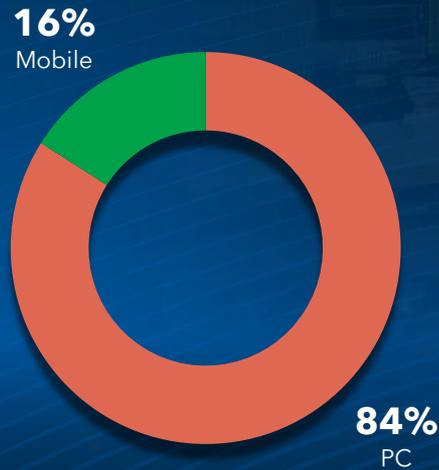
2017

BEGAN IoT INVESTMENT
MARVELL
CONEXANT

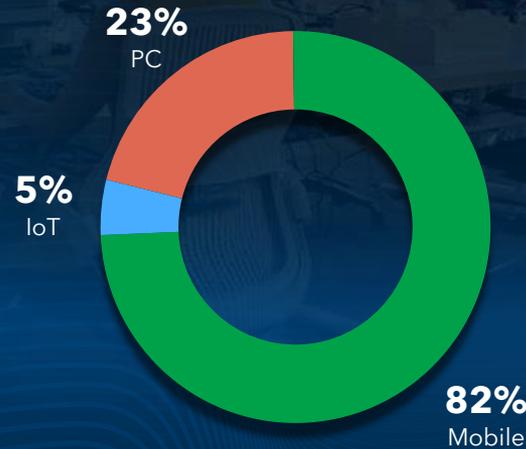
SYNAPTICS' TRANSFORMATION JOURNEY

Long history of successfully transitioning into new markets

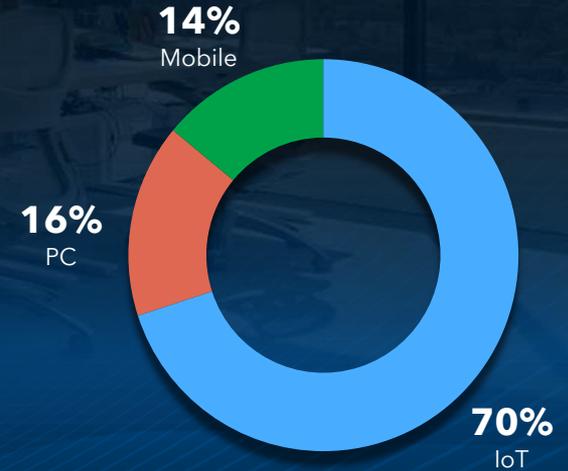
PC PHASE (2004)



MOBILE PHASE (2017)



IoT PHASE (2023+)



VIDEO INTERFACE



**UNIFIED COMMUNICATIONS
AND COLLABORATION (UCC)**



**AUTOMOTIVE
INFOTAINMENT**



**VIRTUAL REALITY
DISPLAY DRIVERS**



ENTERPRISE HEADSETS



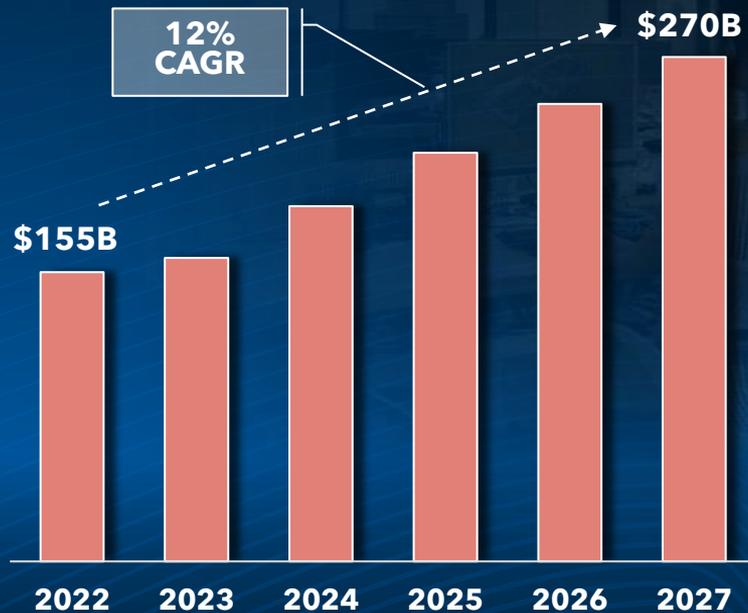
IoT CONNECTIVITY



synaptics
**MARKET
LEADING IoT
PRODUCTS**

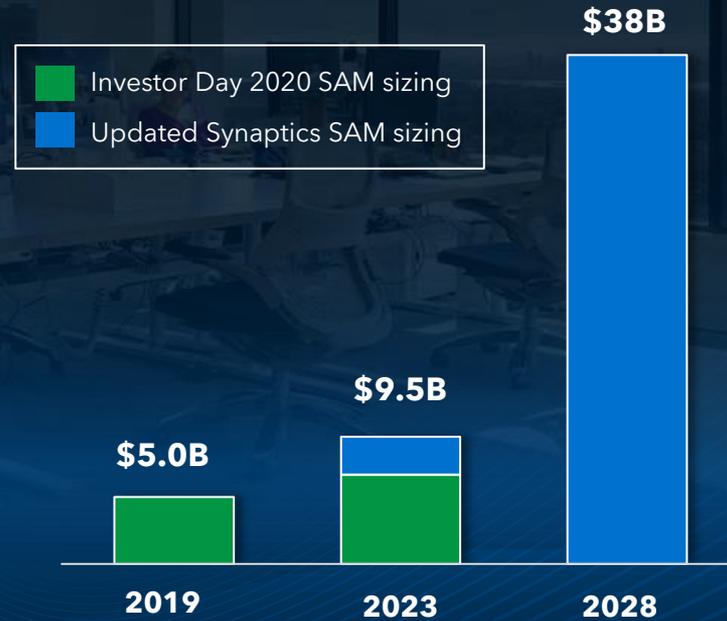
THE RIGHT MARKET

IoT SEMICONDUCTOR MARKET



Source: Gartner IoT Semiconductors, Worldwide, 2Q23 Update, and Synaptics internal estimates

SYNAPTICS SAM EXPANSION



Note: Prior SAM estimates (green color) are as-presented during the Company's June 9, 2020 Investor Day

Source: IDC, Gartner, Frost & Sullivan, Fortune, Omdia, SAR Insight, and Synaptics internal estimates

THE RIGHT TECHNOLOGY

SENSING



Touch

Biometrics

Computer Vision

Intelligent Audio

PROCESSING



AI Accelerators

Low-Power Neural Networks

Audio/Video Processing

MPU MCU

CONNECTING



Wi-Fi

Bluetooth

ZigBee

GPS

THE RIGHT TEAM

ACCESS TO IoT TALENT WORLDWIDE

MANAGEMENT WITH 85 YEARS OF EXPERIENCE
LEADING HIGH-GROWTH IoT TEAMS



IoT TALENT WORLDWIDE

US	NON-US	HW	SW
18%	82%	54%	46%



VENKAT KODAVATI



VIKRAM GUPTA



SALEEL AWSARE



Why IoT?

THE RIGHT CUSTOMERS

DELL



lenovo

Microsoft

Google

Meta

Targus

SAMSUNG



swisscom



amazon

GARMIN

logitech



fitbit

arlo



nest

vivint.
SmartHome



Well-established strategic relationships with key players across the IoT space

FOCUS ON PROCESSORS AND WIRELESS

MOVES SYNAPTICS INTO THE LARGEST PIECE OF THE IoT MARKET

PROCESS

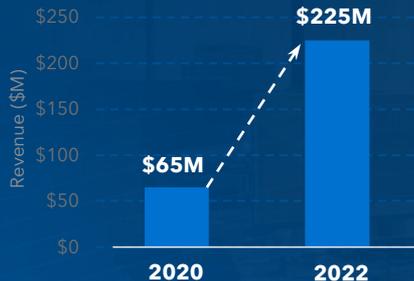


CONNECT

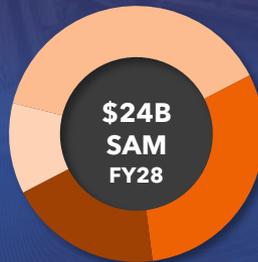
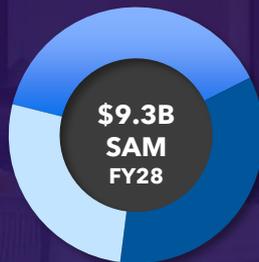


WHY PROCESSORS AND WIRELESS

TRACK RECORD OF SUCCESS



LARGE MARKETS



RIGHT TECHNOLOGY

Best-in-class



End-to-end portfolio

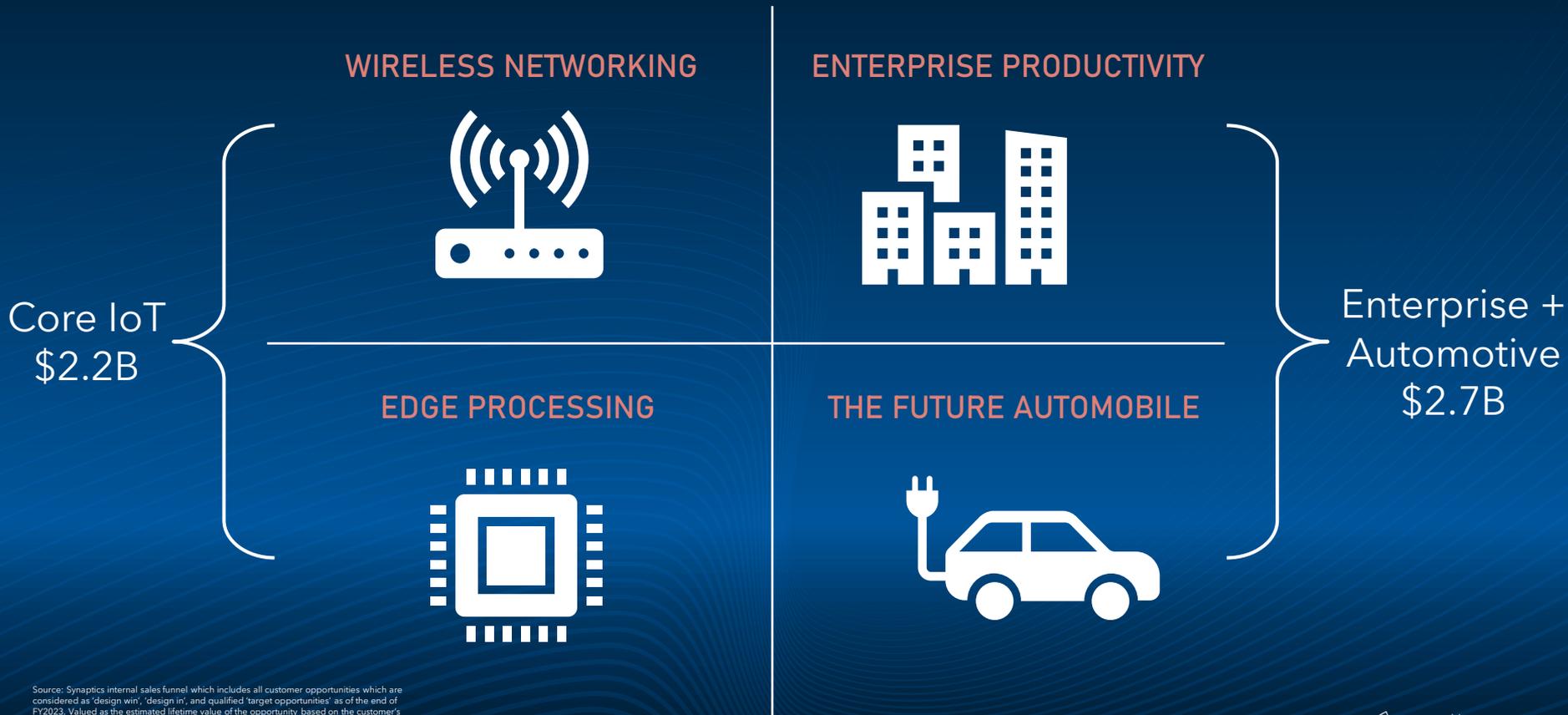


Scalable Software



Efficient AI Network

PROCESSORS AND WIRELESS DRIVE FUNNEL



Source: Synaptics internal sales funnel which includes all customer opportunities which are considered as 'design win', 'design in', and qualified 'target opportunities' as of the end of FY2023. Valued as the estimated lifetime value of the opportunity based on the customer's estimated volume forecast for that opportunity and Synaptics sales estimate of ASP.



BUILDING ON IoT FOUNDATION

Key Takeaways



Synaptics has reinvented itself many times over its history



Focus on IoT has generated the margins and Cash flow that enable further investment



Processors and Wireless: Large Opportunity within IoT



Doubling down leads to outsized growth and shareholder value

WIRELESS CONNECTIVITY

Venkat Kodavati | General Manager, Wireless



OUR BROAD PORTFOLIO

IoT connectivity supplier with deep know-how and best-in-class products

The Wi-Fi logo, consisting of the words "Wi" and "Fi" in white on a black rounded rectangular background.The Bluetooth logo, featuring the blue and white Bluetooth symbol followed by the word "Bluetooth" in black.The GPS logo, featuring a white satellite icon and the word "GPS" in black.The Thread logo, featuring a white stylized "T" icon and the word "THREAD" in black.The ULE UltraLowEnergy logo, featuring a green stylized leaf icon and the text "ULE UltraLowEnergy" in green.The Zigbee logo, featuring a red and white stylized "Z" icon and the word "zigbee" in black.

LARGEST SAM WITH HIGH GROWTH

AUGMENTS WI-FI & BT IN NICHE IoT APPLICATIONS

WI-FI ANYWHERE, ANYTIME

42 BILLION
Cumulative device
shipments

\$3.4 TRILLION
Economic value

3.8 BILLION
Annual device
shipments

94.6 MILLION
Wi-Fi 6E access
points

19.5 BILLION
Devices in use

628 MILLION
Global public
access points

2.5 BILLION
Wi-Fi 6 device
shipments

473 MILLION
Wi-Fi 6E device
shipments

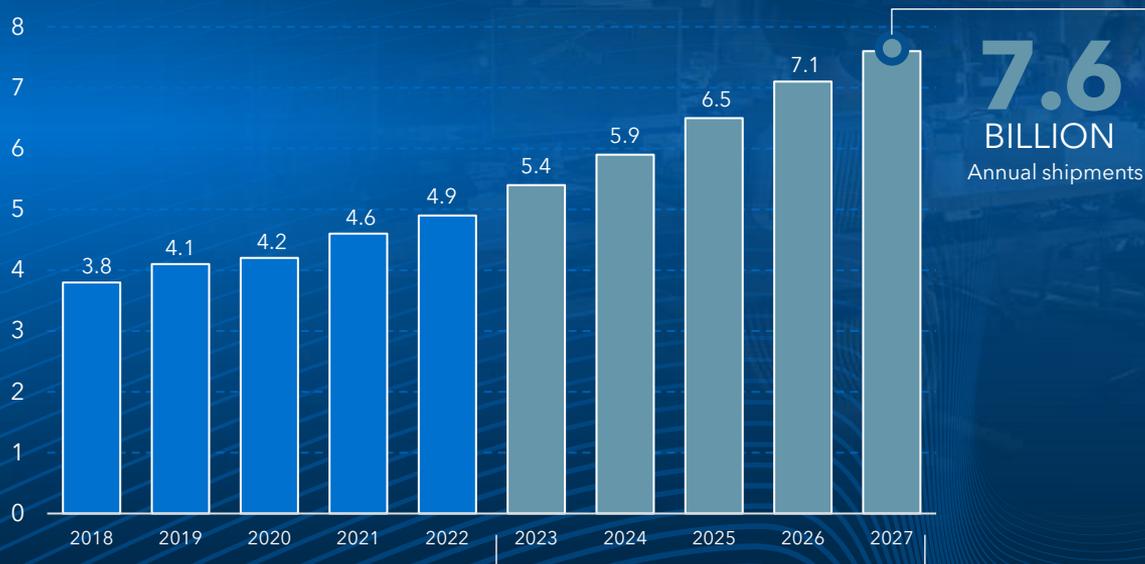


Synaptics Wireless BLUETOOTH® EVERYDAY CONNECTIONS



Total Annual Bluetooth® Device Shipments

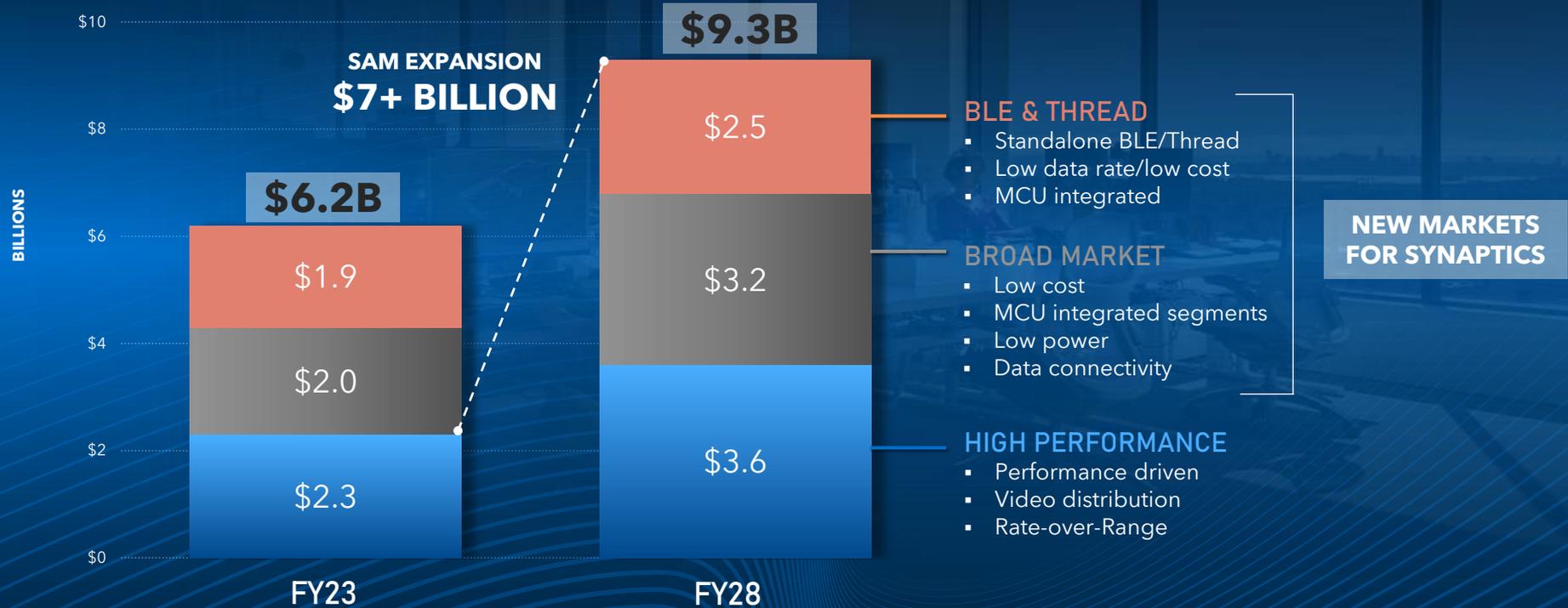
NUMBERS IN BILLIONS



7.6
BILLION
Annual shipments

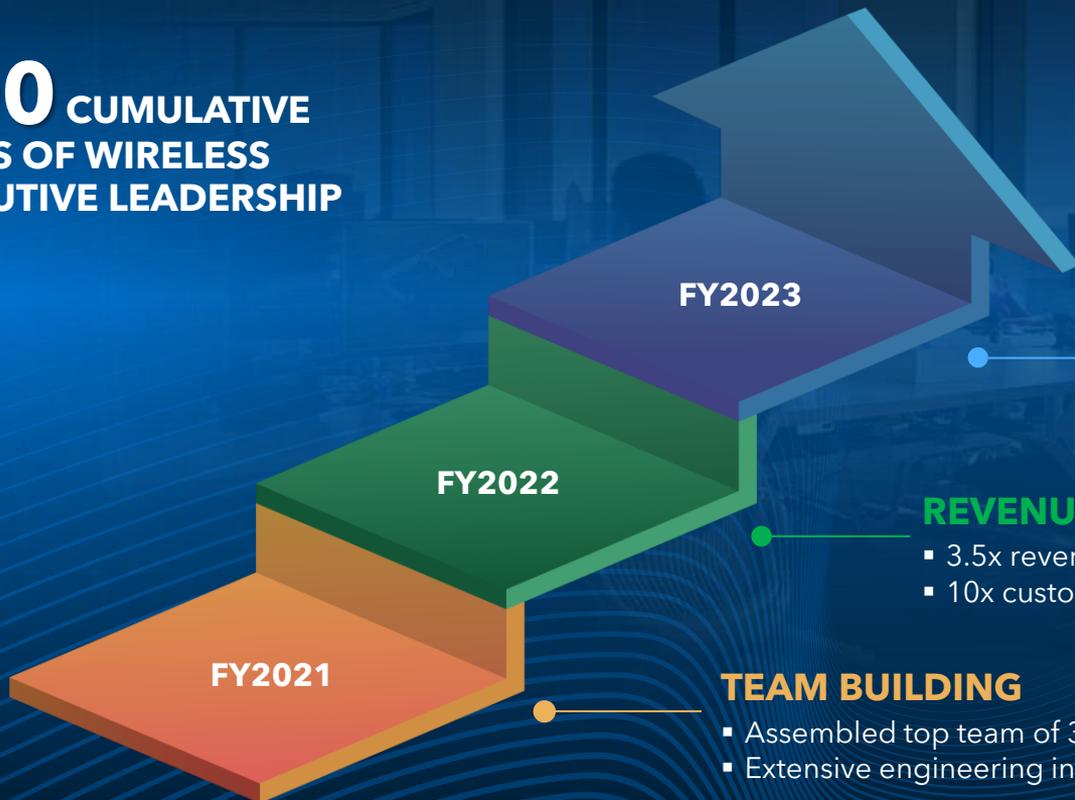
9% CAGR

WI-FI & BT CONNECTIVITY MARKET



WIRELESS FOUNDATION

300 CUMULATIVE
YEARS OF WIRELESS
EXECUTIVE LEADERSHIP



ORGANIC DEVELOPMENT

- Delivered 4 high-performance SoCs
- Branching out to broad market

REVENUE GROWTH

- 3.5x revenue
- 10x customers

TEAM BUILDING

- Assembled top team of 350+
- Extensive engineering infrastructure build

HIGH PERFORMANCE MARKET

OTT/STB/TV



HOME SECURITY



SMART DISPLAY/SPEAKER



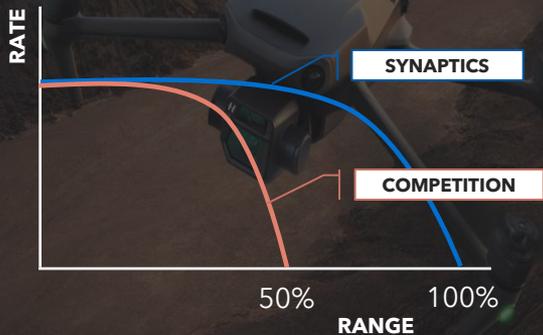
DRONES/ROBOTICS



High speed • Reliable connection • Wi-Fi/BT co-existence • Rate-over-Range

LONG RANGE

- Enhanced Spatial diversity algos for 2x range
- Consistent video delivery over large range



IC INNOVATION

- 16nm process for low power & size
- Lowest power consumption by 25%



WI-FI/BT COMBO LEADERSHIP

- First Wi-Fi 7 and Bluetooth® 6.0 product for IoT market
- World's first innovative Bluetooth MIMO



INDUSTRY-LEADING PERFORMANCE

SYNAPTICS WI-FI/BT CO-EX ENGINE: 20 YEARS OF EXCELLENCE



25x

WIDER
CHANNEL

50%

HIGHER
THROUGHPUT



MORE
WIRELESS TECH



LEADING
SECURITY



DEVICE
UPDATES



WFA
CERTIFIED

BEST IN CLASS INTEROPERABILITY



High Performance Wireless

WHY WE WIN



WORLD'S BEST WI-FI & BLUETOOTH® IP

Unmatched Interoperability



CUTTING EDGE CMOS RF DESIGN

High reliability and low system cost



EASY HOST INTEGRATION

Lightweight host driver. Robust SW performance



LEADING FEATURES

Wi-Fi 6E, RSDB, HADM, LE Audio, Triple Combo Co-Existence

BROAD MARKET APPLICATIONS

HOME AUTOMATION



SENSORS



WEARABLES



APPLIANCES



Low-cost • Small size • Low power • Turnkey System

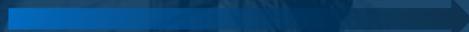
INNOVATION FOR BROAD MARKET

HIGH PERFORMANCE

BROAD MARKET



COMPONENT SIZE

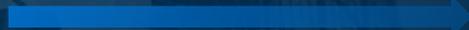


40%

SMALLER
CHIP SIZE



INTEGRATION LEVEL

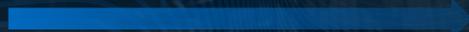


50%

LOWER
SYSTEM COST



POWER DRAW

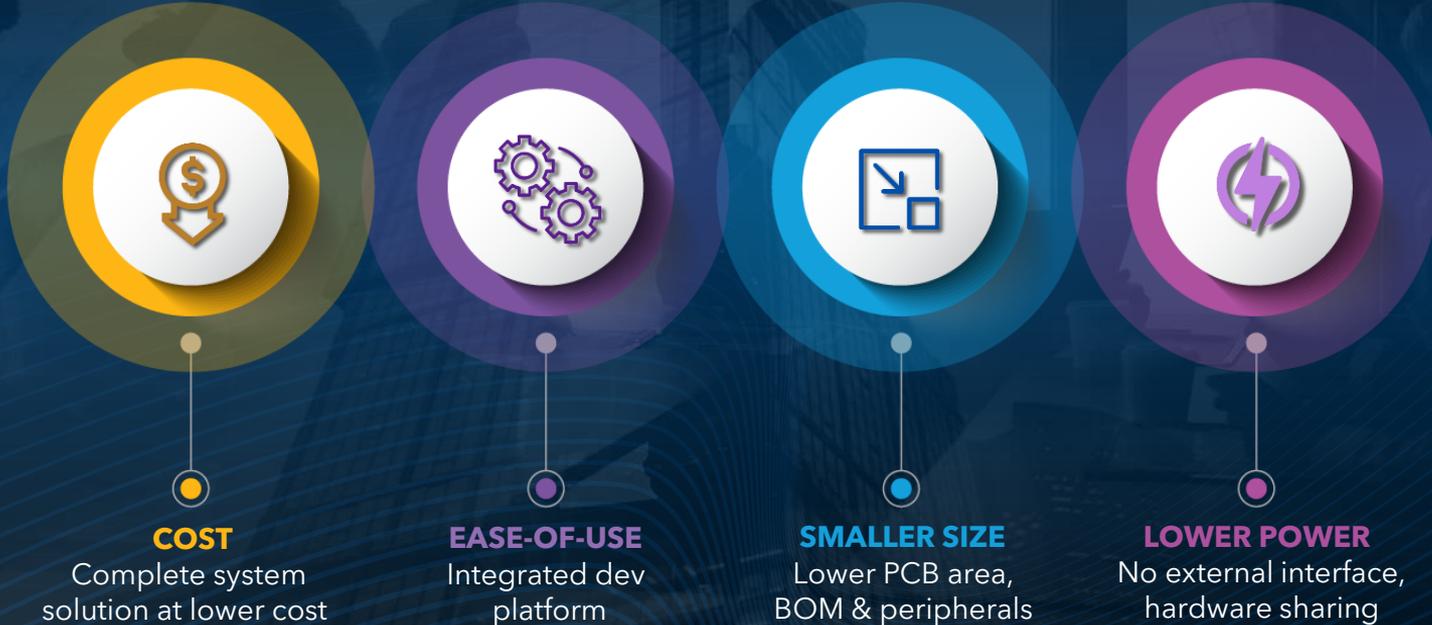


50%

LOWER
POWER DRAW

WI-FI/BT MCU INTEGRATION

Next-gen creates MCU and wireless connectivity application overlap



Broad Market Applications

WHY WE WIN



INDUSTRY-LEADING PERFORMANCE

Bringing high performance to Broad Market with best interoperability



CUTTING EDGE FEATURES

Delivering first-to-market features



MARKET COMPETITIVE COST AND POWER

Enables rapid customer expansion



MCU + AI INTEGRATION

Reduces BOM cost and expands to new applications

BLE & THREAD MARKET

LOCATION SERVICE



CONSUMER



HEALTH CARE



INDUSTRIAL



Distance measure • High quality • Low power • Range extension

FIRST-RATE BLE FOUNDATION



DUAL CORE

WORLD'S FIRST DUAL CORE

- Both MIMO or Dual BLE mode
- MIMO increases range 2x
- Dual mode lowers latency 2x



SOFTWARE EXCELLENCE

MODULAR ARCHITECTURE

- Code 5x more compact than competition
- Multi-OS compatible



CHANNEL SOUNDING

INDUSTRY'S MOST ACCURATE

- Tracker, automotive, wearable



LOW ENERGY AUDIO

LOWEST LATENCY

- Multiple connections (Unicast, Broadcast)

Linux android

BlackBerry

Zephyr™

RTOS

INNOVATION FOR BLE & THREAD

CURRENT GENERATION

NEXT GENERATION



50%

SMALLER
SIZE



ULTRA-LOW
POWER

50%

SMALLER
TX @ 8dBm



WHY WE WIN



HIGH-PERFORMANCE STARTING POINT

Solves interoperability and software problems



LEVERAGE EXISTING BLE IP

To contain cost & drive revenue growth



ULTRA-LOW COST & POWER BLE

With more robust RF



FIRST-TO-MARKET IN IOT

With multi-core Bluetooth®

BILLION DOLLAR GROWTH TARGET



WIRELESS CONNECTIVITY

Key Takeaways



HIGH PERFORMANCE LEADERS

Synaptics world class wireless talent



EXPANDING INTO BROAD MARKET & BLE

Additional \$7B+ connectivity SAM



PROCESSORS + CONNECTIVITY

Facilitates & accelerates Broad Market IoT expansion



MAJOR REVENUE GROWTH

Poised to hit \$1B in the next 5 years

PROCESSORS

Vikram Gupta | General Manager, IoT Processors



The Future of the IoT

EDGE PROCESSING & AI

SENSE

PROCESS

CONNECT



EDGE PROCESSORS EXPECTED TO INCREASINGLY BECOME AI ENABLED



MORE
PRIVATE



LOWER
LATENCY



MORE
AVAILABLE



MORE
INTELLIGENT



MORE
AWARE

A \$24 BILLION DEVICE EDGE OPPORTUNITY

Expanded SAM opportunity targeting Edge AI IoT devices

DEVICE EDGE



ON-PREMISES EDGE



ACCESS & METRO EDGE



CLOUD



Smart Home Appliances



IP Cameras



Smart Buildings



Connected Field Devices



Smart Audio & Display



Drones and Robotics

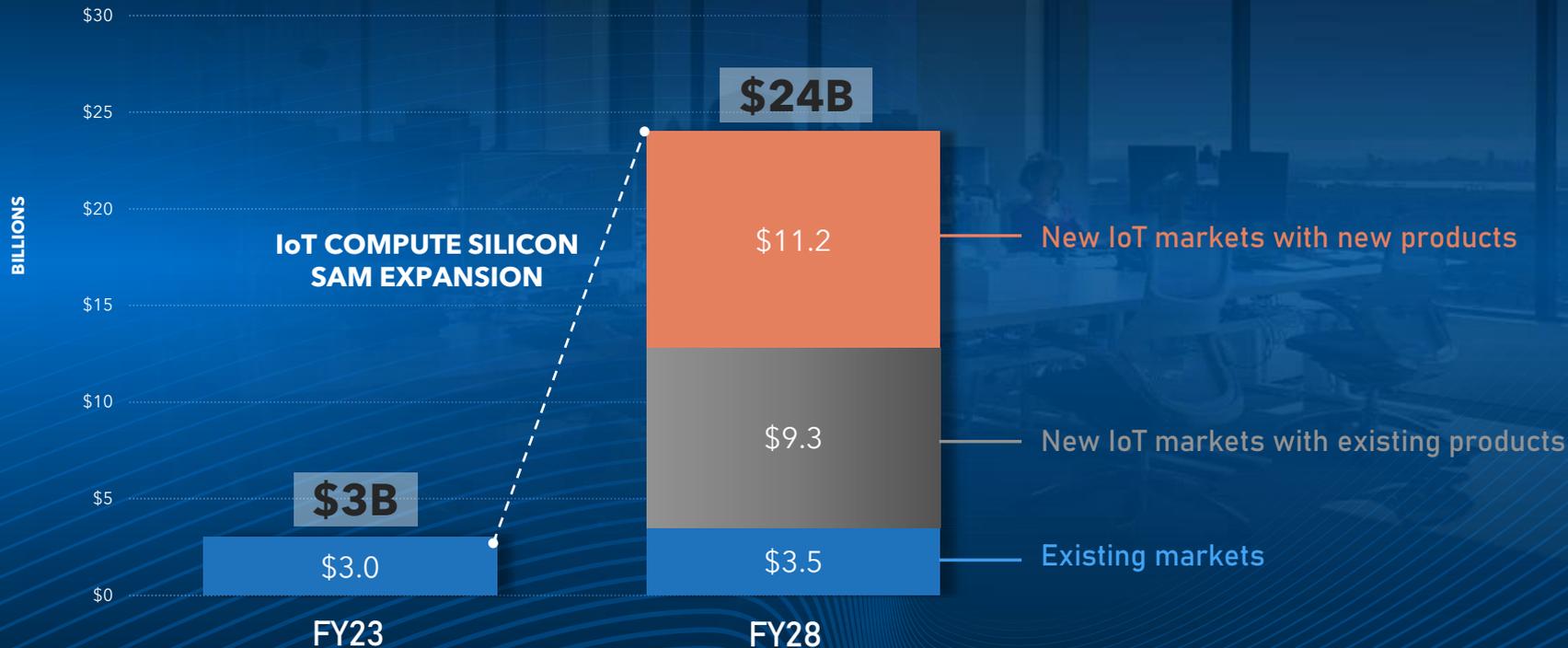


Wearables



Healthcare

ADDRESSING BROADER IoT MARKETS



Established in Market with Key Customers

WE PROVIDE EDGE PROCESSORS TODAY

ADVANCED STREAMERS & STB



MULTIMEDIA PHONES



SMART DISPLAYS



LEADING 12nm
SILICON



INDUSTRY
STANDARD CORES



AI ENGINES
SINCE 2018



INDUSTRY
CERTIFICATIONS



KEY SEGMENT
SW PROFILES

NEW CUSTOMER PULL FOR OUR SOLUTIONS

SECURITY SYSTEMS



SMART SIGNAGE



COST, POWER,
PERFORMANCE
ADVANTAGE

AI
DIFFERENTIATION

CUSTOMER
INTIMACY &
ATTENTION

FOCUSED
SUPPLIER

FAMILY OF EDGE AI PROCESSORS FOR IoT

SCALABLE COMPUTE SOLUTIONS FOR CONSUMER & INDUSTRIAL IoT MARKETS



HIGH PERFORMANCE MPUs



RELEASING SOON

AI-Native Compute



HIGH PERFORMANCE MCUs



IN DEVELOPMENT

AI Compute



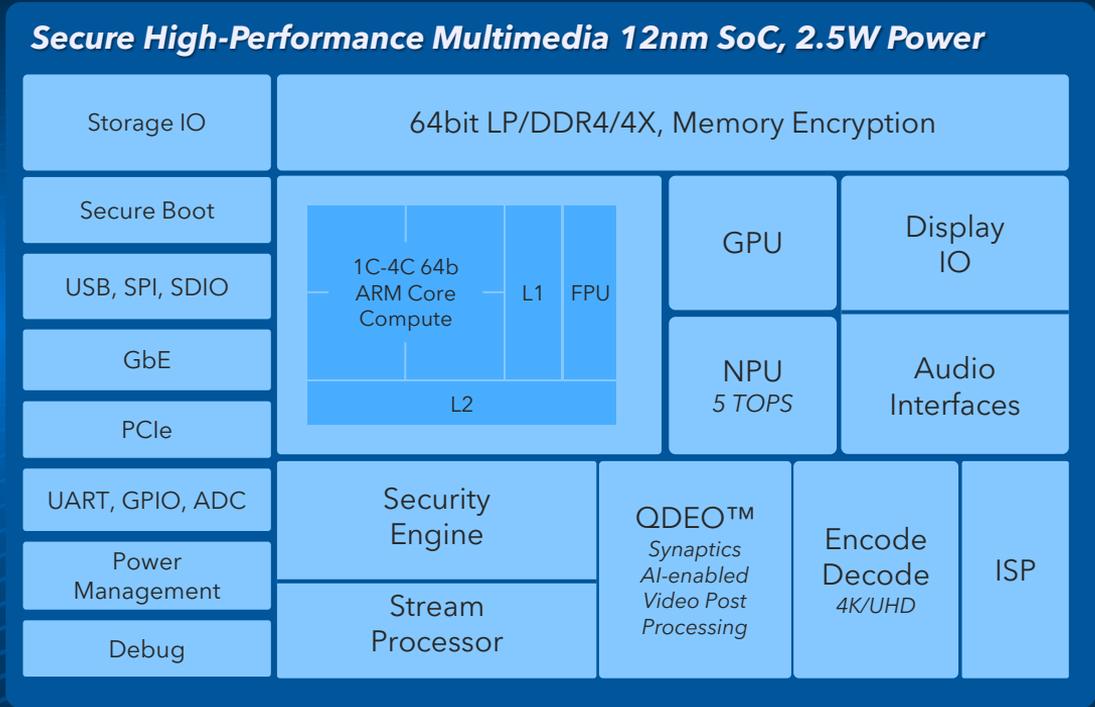
CONNECTIVITY MCUs



IN DEVELOPMENT

Low-Power AI Compute

ANATOMY OF A HIGH PERFORMANCE SYNAPTICS MPU



EDGE AI SENSING, VIDEO, AUDIO

HARDENED SECURITY ENGINE

MULTIPLE AI ENGINES

PROPRIETARY DISPLAY, VIDEO PIPELINES

HIGH PERFORMANCE MPUS

STB & STREAMERS



Multi-core accelerated SoCs

HOME AUTOMATION



Graphics, video, DSP subsystems

PROCESS CONTROL



AI engines 5+ TOPS

POS & SCANNERS



Industry standard HW security

SMART APPLIANCES



Yocto, Linux, Android

**SYNAPTICS
VALUE-ADD**



ADVANCED
SILICON
PROCESS
NODES



**MULTI-CORE
COMPUTE**
GPU, DSP, AI



SYNAPTICS
AI MODELS &
TOOLS



HIGH-
PERFORMANCE
CONNECTIVITY
PAIRING

Multi-modal AI-enabled Solution

HIGH PERFORMANCE MCUs

HOME CONTROL



High-performance
Standard cores

SECURITY & VISION



Audio, graphics,
imaging

WEARABLES



Context-aware
computing

POS & SCANNERS



Always-on
sensing

PROCESS CONTROL



Standard HW
security

Zephyr, Free
RTOS

**SYNAPTICS
VALUE-ADD**



**INNOVATIVE
LOW-POWER
SCHEME**



**BEST-IN-CLASS
CORES
GPU, DSP**



**SYNAPTICS
AI MODELS &
TOOLS**



**OPTIMAL
CONNECTIVITY
PAIRING**

Power-Efficient, AI-enabled Solution

CONNECTIVITY MCUs

WEARABLES



Ultra-low power 32bit
Standard cores

APPLIANCES



Integrated connectivity:
Wi-Fi, BT, BLE

ASSET TRACKING



AI engines
10s of GOPS

SENSORS



Matter
compliant

HEALTHCARE



Standard HW
security

**SYNAPTICS
VALUE-ADD**



**COST-OPTIMIZED
LOW POWER
PROCESSORS**



**BEST-IN-CLASS
CONNECTIVITY
INTEGRATED**



**SYNAPTICS
EMBEDDED
SDK & TOOLS**



**SYNAPTICS
AI MODELS &
TOOLS**

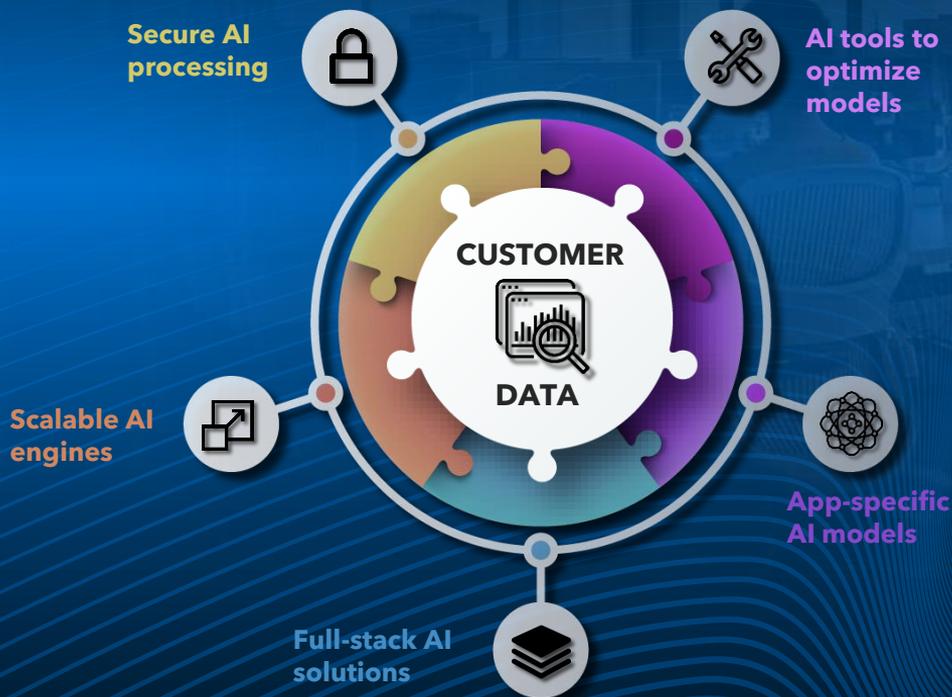
SOFTWARE PLATFORM OF CHOICE

ENABLE SOFTWARE REUSE WITH A SEAMLESS EXPERIENCE ACROSS THE PORTFOLIO



EASY AI INTEGRATION FOR CUSTOMERS

BUILDING A UNIVERSAL PLATFORM TO ENABLE AI USE-CASES ACROSS OUR IoT PRODUCTS



Customers incorporate market-specific AI-enhanced use-cases

VIDEO & IMAGE ENHANCEMENT

PREDICTIVE MAINTENANCE

USER PRESENCE DETECTION

SMART ENERGY MANAGEMENT

SMART MEDICAL INSIGHTS

WI-FI SENSING

PROCESSORS

Key Takeaways



UNLOCK A \$24 BILLION OPPORTUNITY

Capitalize on AI trends to disrupt IoT verticals & considerably expand SAM



WE ARE AN EXISTING PROVIDER

Already supplying Edge Processing Solutions for the IoT market



CUSTOMER-CENTRIC FOCUS

Streamline customer experience by creating an industry-leading IoT Software and AI platform



POSITIVELY IMPACT FINANCIALS

Generate significant growth by taking a share of the Edge Processing SAM

ENTERPRISE WORKSPACES

Saleel Awsare | General Manager, Enterprise & Mobile



Insightful Solutions to Enable Enterprise

TOTAL WORKSPACE PLATFORM

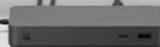
30M DOCKS

180M NOTEBOOKS

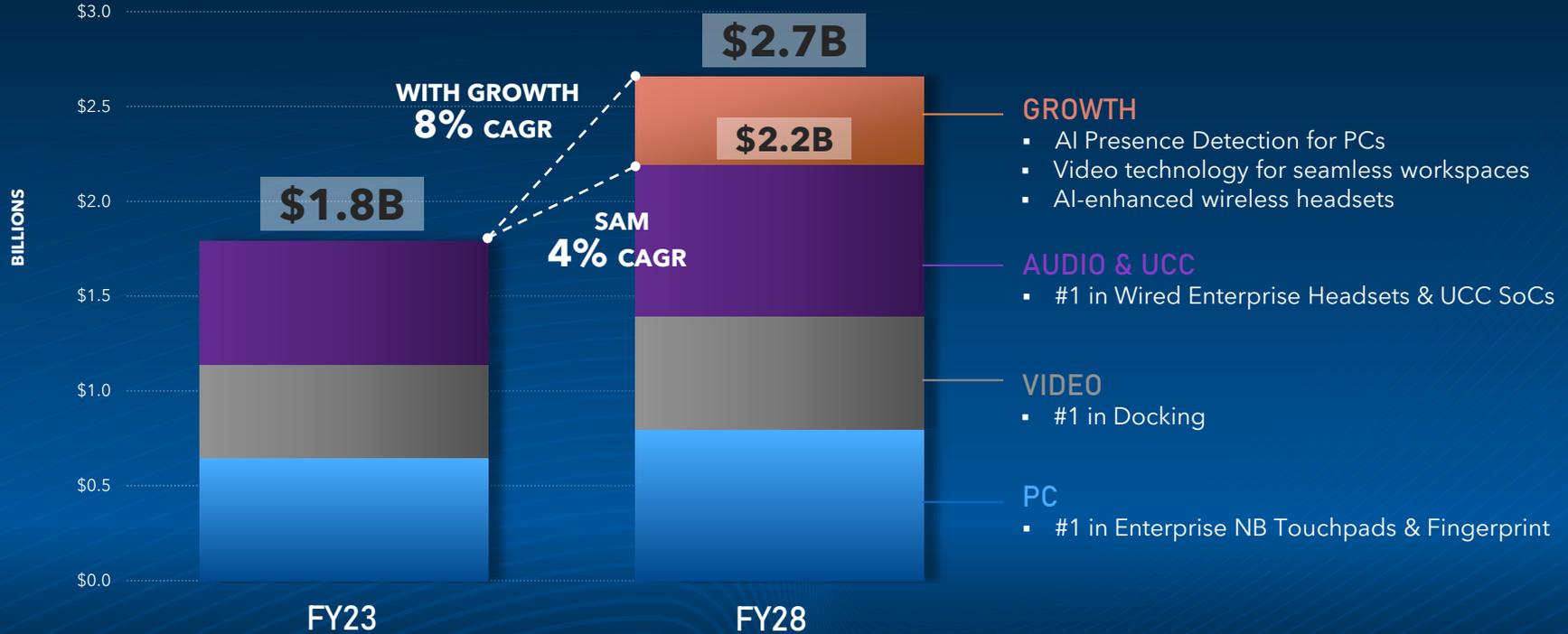
120M MONITORS

20M CONFERENCE PHONES

90M HEADSETS



LEADERSHIP IN A GROWING MARKET



Key Partner for Enterprise Leaders

MARQUEE CUSTOMERS

- Trusted partner with 35+ years of strategic relationships
- Unparalleled commercial reach & scale supporting customers wherever they are
- Enabling multiple different products
- Cross-selling solutions

DELL



lenovo

Microsoft

Google

logitech

Targus®

acer®



Kensington®

EPOS

FUJITSU

brother®

belkin™

ASUS®

TOSHIBA

EPSON



Panasonic

VIDEO & DATA TRANSPORT

High-speed, low latency 40G Serdes & DisplayLink® Video



BEST-IN-CLASS SECURITY

Enterprise-grade security in all workspace solutions



synaptics DIFFERENTIATED TECHNOLOGY

Synergistic portfolio
enabling market
leadership

LEADING BIOMETRICS

AI presence detection & MoS fingerprint



ADVANCED AUDIO

Unmatched ENC for enterprise productivity



EDGE AI PROCESSING

Low-power hardware + advanced ML algorithms



TOUCH SENSING

Industry's leading portfolio for PCs, Mobile & Automotive





Multiscreen Productivity for Enterprise

LEADERSHIP IN DOCKING



FIRST-TO-MARKET
DISPLAYPORT 2.1



FIRST-TO-MARKET
HDMI 2.1



FIRST-TO-MARKET
SMART
DOCK-ON-A-CHIP



PIONEERED
UNIVERSAL
DOCKING



No. 1 IN
DOCKING

Enterprise Workspaces are Evolving

UNIVERSALITY IS PIVOTAL



ANY PC • ANY OS • ANY CONNECTOR

¹Source: IDC estimate, 2021

²Source: Zippia, Hybrid Work Statistics, 2023

³Source: Cybersecurity Insiders BYOD report, 2021

Driving Workspace Mobility

THE FUTURE OF ENTERPRISE

Synaptics is **uniquely** positioned to enable seamlessly connected, wireless workspaces

LOW LATENCY VIDEO COMPRESSION + MA-USB + WIRELESS + AI PRESENCE DETECTION

WIRELESS DOCKING



CONNECTED MONITORS



FLEXIBLE MEETING ROOMS





Broadest Portfolio of Mechanical Clickpads & Haptic Forcepads

LARGE TOUCHPADS

MECHANICAL



HAPTICS



SEAMLESS



COLLABORATION



LIGHTING



TOUCH + FORCE + HAPTICS + CLICK-ANYWHERE + AI ACM

EXPERIENCE-DEFINING TECHNOLOGY

- Market moving to large touchpads with higher ASPs ~ 40% of market by '28
- 3x content value with new haptic forcepads ~17% of market by '28
- Superior UX with AI-based palm rejection algorithms



Best-in-Class Biometrics

NEXT-GEN SECURE FINGERPRINT

SIDE WALL



POWER BUTTON



KEY-CAP



C-DECK



WIRELESS



Security focus growing

In Enterprises & Governments



Steady attach & growing ASP

Match-On-Chip value-add



Secure & resilient firmware

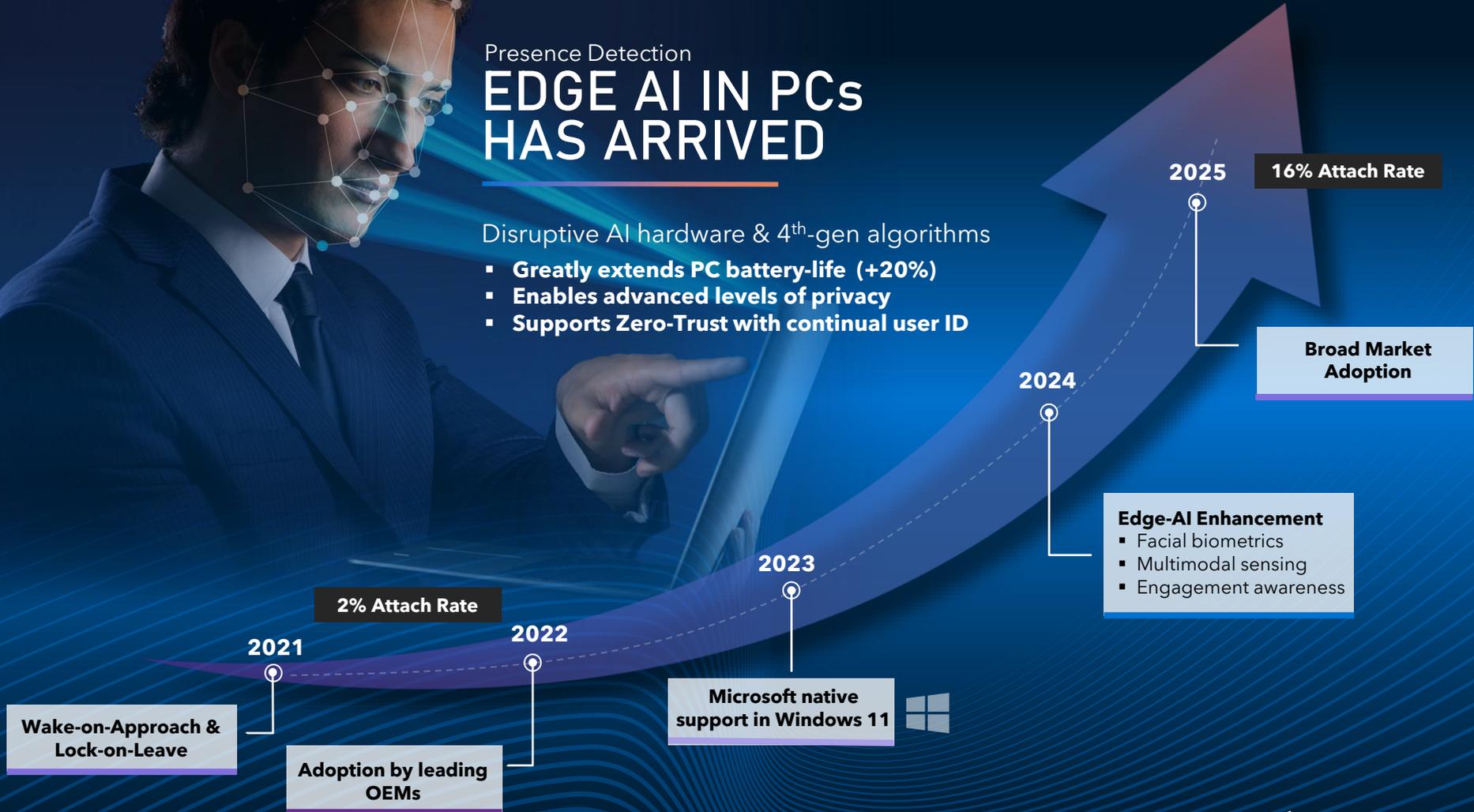
NIST, FIDO2, & FIDO NEXT Certified

Presence Detection

EDGE AI IN PCs HAS ARRIVED

Disruptive AI hardware & 4th-gen algorithms

- **Greatly extends PC battery-life (+20%)**
- **Enables advanced levels of privacy**
- **Supports Zero-Trust with continual user ID**



World's Leading Supplier of Enterprise Collaboration Solutions

UNIFIED COMMUNICATIONS & COLLABORATION

HEADSETS



PHONES



MONITORS



SPEAKERPHONES



VIDEO PHONES



AUDIO + VIDEO + AI + WIRELESS + SOCS

MARKET & TECHNOLOGY LEADERSHIP

- No. 1 in Enterprise Collaboration products
- Full stack SoC, software and AI algorithm solution
- Leading transition to Video Collaboration

Leading Enterprise Audio Performance

NEXT-GEN HEADSETS



Enterprise-quality audio and connectivity



GROWTH

- Market expansion
- ASP uplift in growing wireless segment



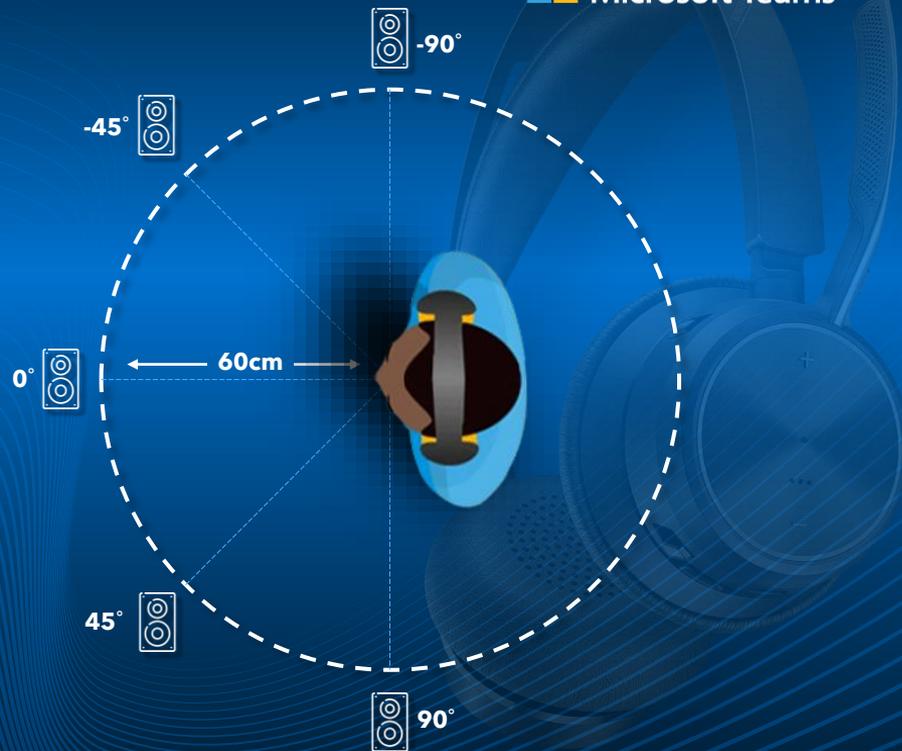
DIFFERENTIATION

- Only provider of unified software platform
- Multi-protocol connectivity: BT, DECT, USB



PERFORMANCE

- AI-enhanced noise cancellation algorithms
- Highest audio performance for lowest power



ENTERPRISE WORKSPACES

Key Takeaways



NO. 1 IN EVERY MARKET WE SERVE



GROWING CONTENT VALUE WITH INNOVATION



BROADEST PORTFOLIO OF UNIQUE TECHNOLOGY



SUCCESSFULLY CROSS-SELLING MULTIPLE SOLUTIONS

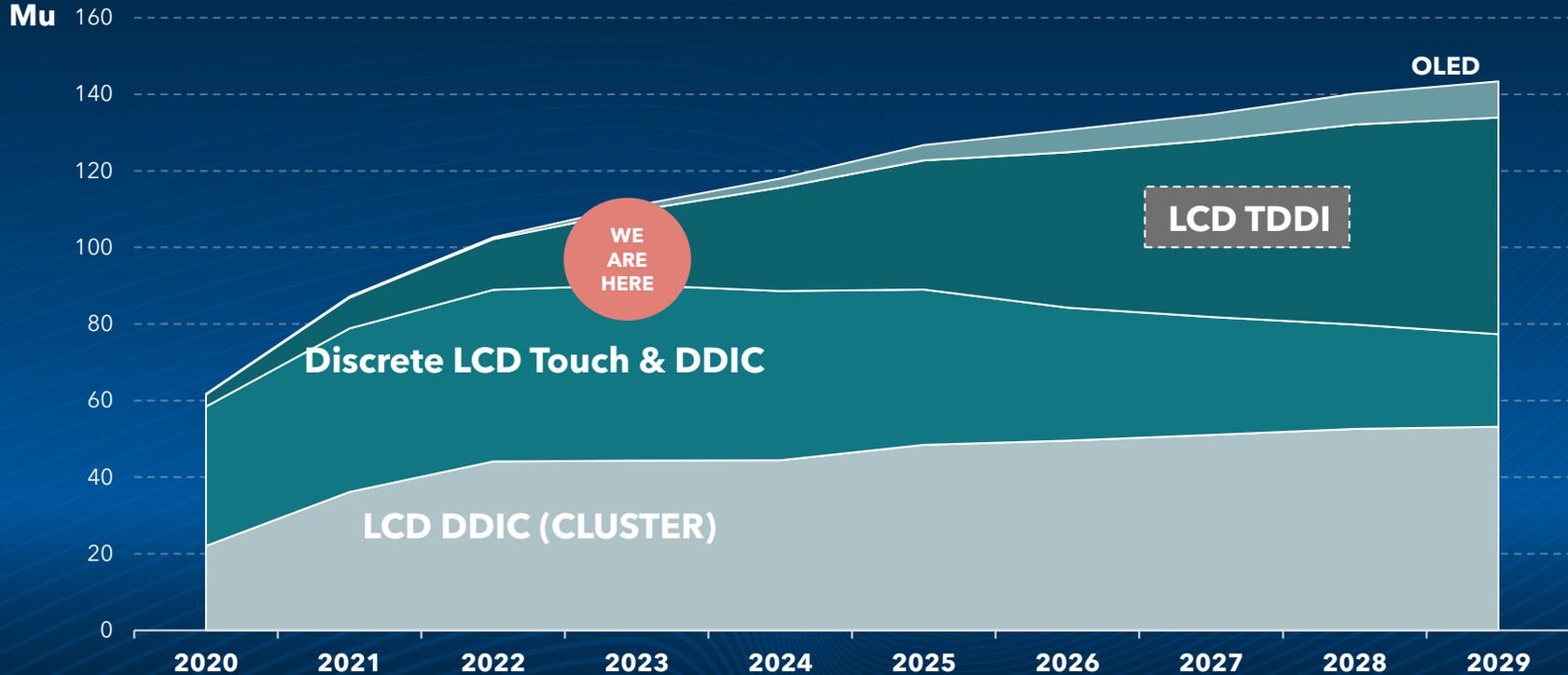
AUTOMOTIVE

Michael Hurlston | President & CEO



INFOTAINMENT MARKET DYNAMICS

Automotive Displays 8" and Up – TAM



AUTOMOTIVE: TRENDS IN THE DIGITAL COCKPIT

2010-2020

Digital Displays



6-8"
Discrete Touch
Discrete DDIC

\$4-10

2020-2025

Larger, Touch enabled



8-14"
2- 3 TTDIs

\$12-25

2026+

Pillar to Post w/ Vivid Resolution



20"+
3-6 TDDIs
Smartbridge

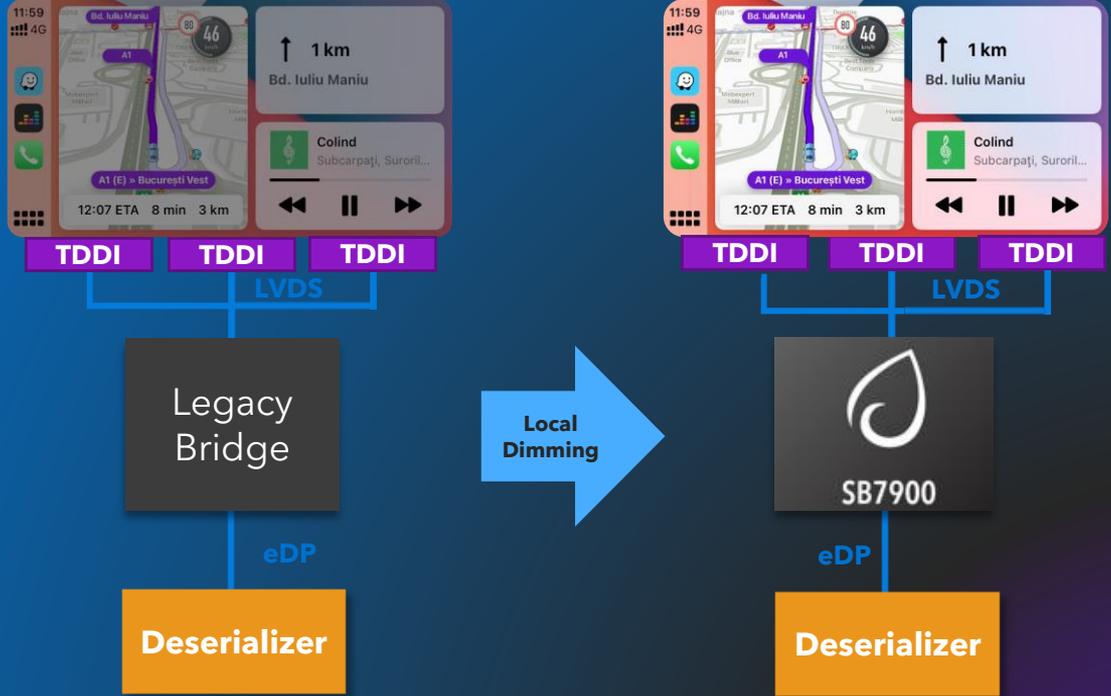
\$20-30

Introducing

SMARTBRIDGE

Advanced Automotive Display Processor

- **OLED-like Contrast Ratios at LCD panel prices**
- **Advantages of LCD:**
 - **Longer Lifetime**
 - **Lower Cost**
 - **Lower Power**
- **Synaptics SmartBridge: rBOM savings of >\$10**



Synaptics Automotive

DESIGN WIN TRACTION



AUTOMOTIVE TDDI



**Car Model
Design Wins**



MERCEDES BENZ GLE



LUCID AIR



**OEM
Design Wins**

CORPORATE RESPONSIBILITY

ENVIRONMENTAL



Established Climate Targets
Energy efficient operations

SOCIAL



Culturally diverse workforce
Socially responsible supply chain

GOVERNANCE



High ethics and integrity standards
Leading governance practices

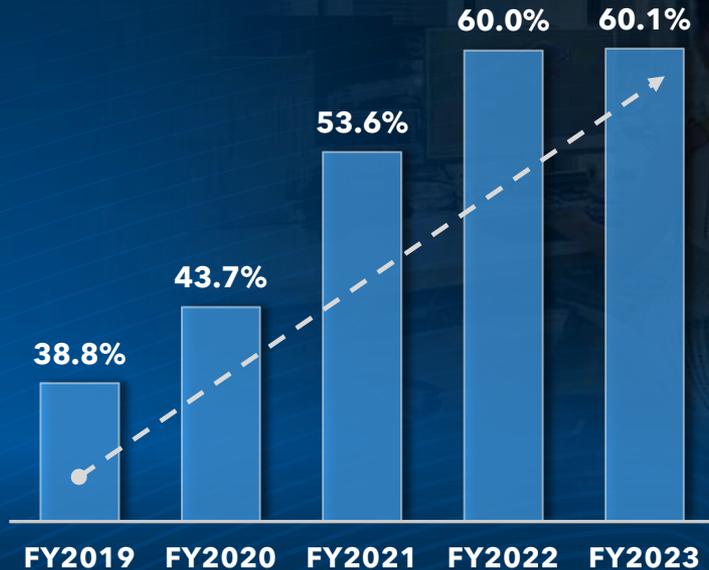
FINANCIAL MODEL

Dean Butler | Chief Financial Officer

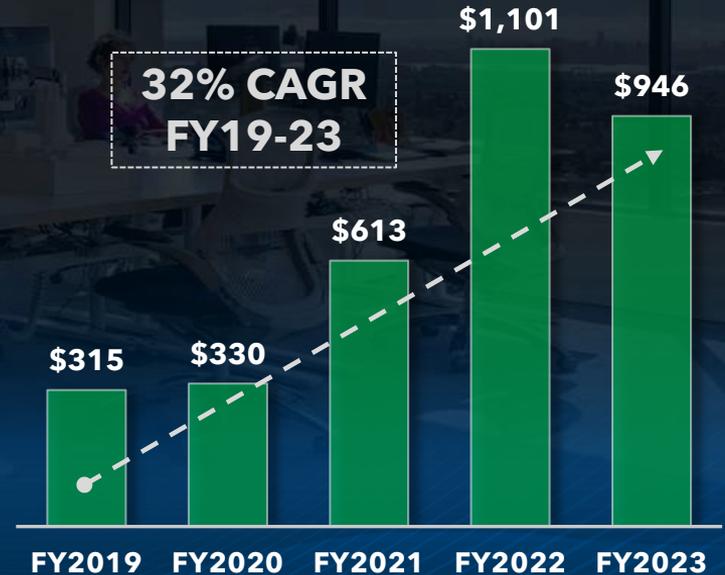


TRACK RECORD OF FINANCIAL EXECUTION

NON-GAAP GROSS MARGIN EXPANSION

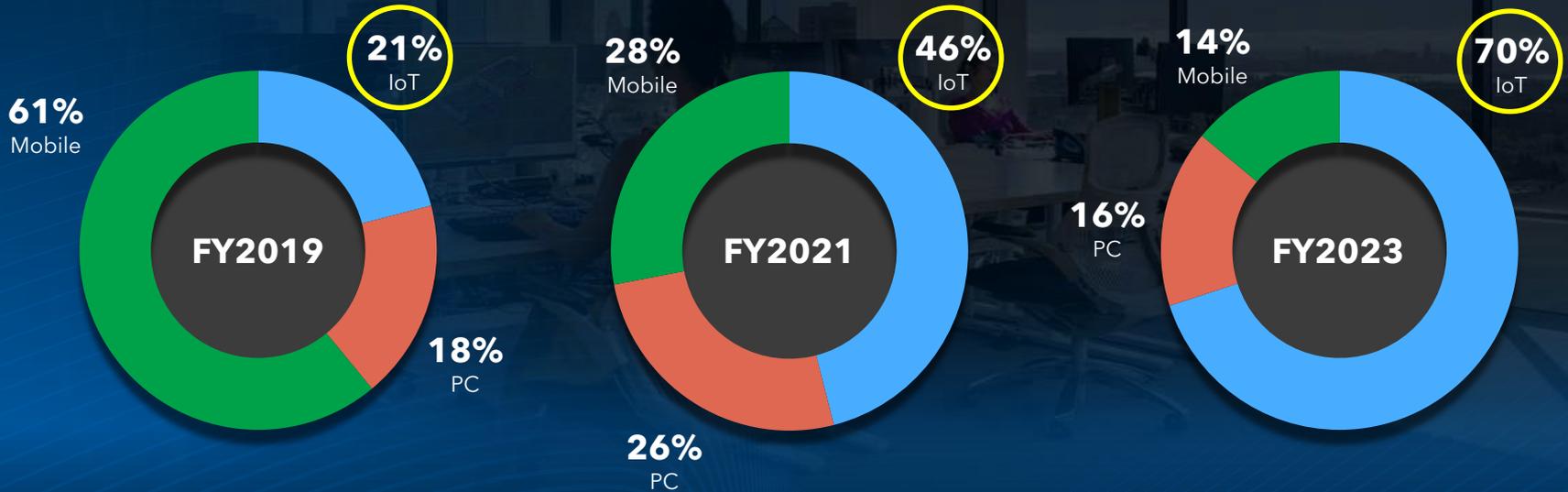


REVENUE GROWTH OF IoT PRODUCTS



Note: AS-reported, not proforma for any acquisition/divestiture activity over this timeframe
See financial appendix for GAAP to Non-GAAP reconciliations

SUCCESSFUL PIVOT TO IoT (2019-2023)



Note: As-reported, not proforma for any acquisition/divestiture activity over this timeframe. See Company's filings with the SEC

DIVERSIFIED INDUSTRY STRUCTURE

TRADITIONAL PC ~3 OEMs



SMARTPHONES ~6 OEMs



AUTOMOTIVE ~20-30 OEMs



ENTERPRISE 100's of OEMs

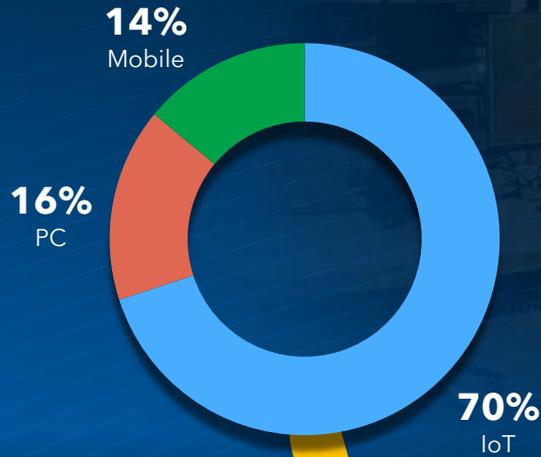


CORE IoT 1,000's of OEMs



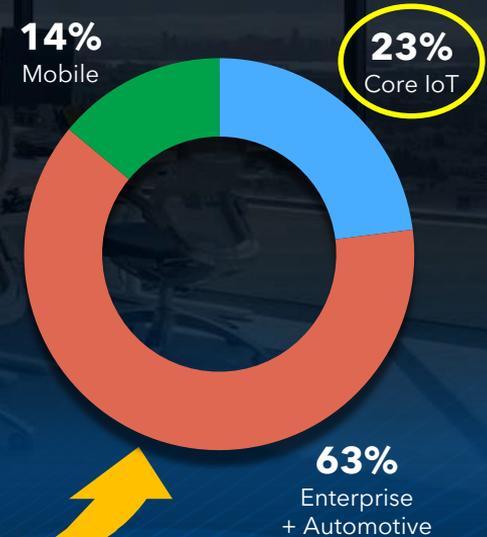
ENHANCED ACCOUNTABILITY : INTRODUCING “CORE IoT”

CURRENT REPORTING
(FY2023 ACTUALS)



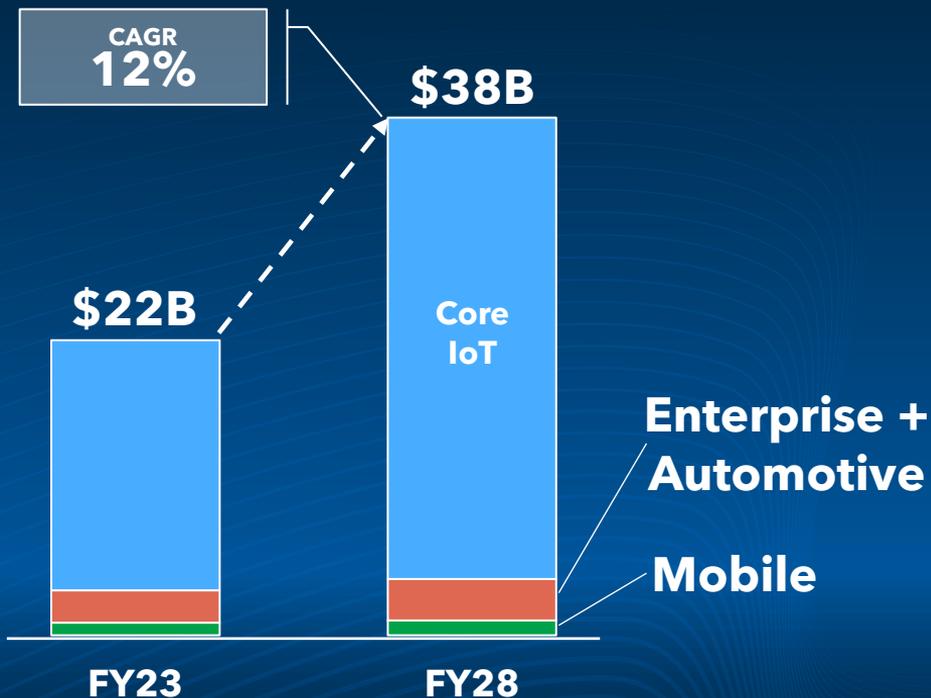
CORE IoT	<ul style="list-style-type: none">• Wireless• Processors
ENTERPRISE + AUTOMOTIVE	<ul style="list-style-type: none">• Enterprise Workspace• Automotive• PC (commercial laptops)
MOBILE	<ul style="list-style-type: none">• Mobile Touch• Legacy Customer

NEW REPORTING
(FY2023 ACTUALS)



**CORE IoT =
PROCESS & CONNECT**

SIGNIFICANT SERVICEABLE ADDRESSABLE MARKET



Core IoT

- 10-15% % CAGR*
- Wireless \$9B SAM*
- Processors \$24B SAM*

Enterprise + Automotive (and Mobile)

- 3-6% CAGR*
- \$5B SAM*

CORE IoT : NEW PRODUCTS DRIVE GROWTH UPSIDE

Core IoT Revenue: Tremendous Growth Prospects



Note: Graphic not to scale and for illustrative purposes only. Core IoT products only. Synaptics internal estimates

*Existing Products Sales Funnel growth as FY2023 vs FY2022 per Synaptics identified customer opportunities expressed in estimated lifetime value

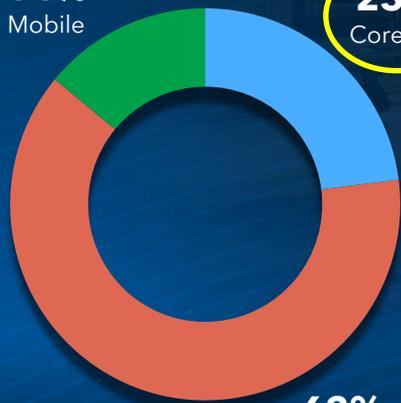
MEASURING THE GROWTH

Synaptics almost **doubles** revenue by FY2028* – driven primarily by Core IoT

FY2023

14%
Mobile

23%
Core IoT



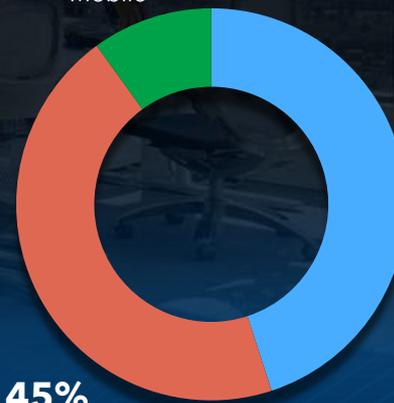
63%
Enterprise
+ Automotive

	5-Year Revenue CAGR**
CORE IoT	25-30%
ENTERPRISE + AUTOMOTIVE	4-6%
MOBILE	3-5%
SYNAPTICS	10-15%

FY2028

10%
Mobile

45%
Core IoT



45%
Enterprise
+ Automotive

*Note: Revenue CAGR as estimate of FY2023 through FY2028 timeframe
 **5-Year Revenue CAGR is estimate as of the date of this presentation

GROSS MARGIN PROFILE

Long-term blended Gross Margin target : **57%** of Sales (Non-GAAP)



Note: Graphic not to scale and for illustrative purposes only.

Capital Allocation

INORGANIC INVESTMENT



OUR THESIS

- IoT semiconductor market consolidates & rationalizes over time
- Our growth rate & business model allows us to meaningfully participate



RECENT INVESTMENTS



M&A CRITERIA

Core IoT Acceleration:

- Further scale in Processors
- Industrial end market access
- Expansive go-to market capabilities

Enterprise + Automotive Acceleration:

- Bill-of-Material expansion at large customers
- Accretive to Growth and/or Accretive to Earnings





ORGANIC GROWTH

Prioritize fastest growing Core IoT

\$1.7B
Total R&D
Investments
FY18-23
16% ROIC



INORGANIC INVESTMENT

Heavy bias for accretive opportunities

\$1.4B
M&A Activity
FY18-23



DEBT MANAGEMENT

Target gross leverage of 1.5x

Leverage
FY2023 Ending
Gross : 2.2x
Net : 0.2x



SHARE REPURCHASES

Opportunistic depending on
market conditions

\$425M
Repurchased
FY18-23
9.7% CAGR ROI

Synaptics 3.0

CAPITAL ALLOCATION PRIORITIES



***Notes:**

Please see the appendix of this presentation for a reconciliation of these Non-GAAP financial measures to the most comparable GAAP measures.

1. R&D investments as total Non-GAAP R&D operating expenses cumulative over this time period, as reported and not proforma for any acquisitions or divestitures
2. ROIC defined as Non-GAAP Operating Income over the cumulative FY18-23 period, divided by Non-GAAP R&D operating expenses
3. M&A activity as the sum of enterprise value of acquisition and divestitures closed from FY18-23
4. Leverage calculated as year-end FY2023 outstanding Debt balance divided by Adjusted EBITDA from the preceding 4 quarters, a Non-GAAP metric which is defined per the company's Credit agreement. Net Leverage refers to the outstanding debt balance as of year end 2023 minus cash & cash equivalents as of year end 2023, divided by Adjusted EBITDA. See appendix for reconciliation of Adjusted EBITDA
5. CAGR ROI refers to the compounded return on investment for each of the company's repurchases during FY2018-2023 using the blended average repurchase price relative to the closing price of \$88.23 on 08/18/2023

Synaptics, Inc.

UPDATED FINANCIAL MODEL



SYNAPTICS 3.0

Accelerate growth while delivering on an established financial model

SYNAPTICS 2.0

Pivot portfolio to IoT, improve profitability

SYNAPTICS 1.0

Smartphone & PC focused

EVOLUTION OF THE FINANCIAL MODEL

Non-GAAP Measures*	JUN 2020	FEB 2021	UPDATED MODEL SEPT 2023
REVENUE	4-6%	8-10%	10-15%
GROSS MARGIN*	>50%	57%	57%
OPERATING EXPENSES*	26-30%	n/a	25-29%
OPERATING MARGIN*	20%	30%	>30%

OPERATING MARGIN* >30% AT REVENUE ≥\$1.6B

*Note: Gross Margin, Operating Expenses, and Operating Margin are presented as Non-GAAP measurements. See the appendix in this presentation for GAAP to Non-GAAP reconciliations for prior results. June 2020 and February 2021 represent dates upon which the Company updated its prior long-term financial model, the Company has not presented any other long-term financial model(s) during this timeframe (CY2020-Sept 2023).

BRINGING IT ALL TOGETHER

Key Takeaways



HUGE OPPORTUNITY IN CORE IoT MARKET

Significant growth accelerator



ENTERPRISE LEADERSHIP UNDERPINS INVESTMENT

Strong financial basis to fund Core IoT expansion



TRACK-RECORD OF SUCCESS

Established team history of delivering strong financial results



COMPELLING FINANCIAL MODEL

>30% Operating Margin



Online audience can submit a question via email to ir@synaptics.com

FINANCIAL APPENDIX

Synaptics Investor Day 2023

Synaptics Investor Day 2023

GAAP TO NON-GAAP RECONCILIATIONS

	FY23 Actual	FY22 Actual	FY21 Actual	FY20 Actual	FY19 Actual	FY18 Actual
GAAP gross margin	\$ 715.9	\$ 943.1	\$ 611.2	\$ 543.1	\$ 497.1	\$ 480.1
Acquisition related costs	95.0	97.0	103.4	39.7	62.6	109.7
Loss/(recovery) on supply commitment	-	-	(0.6)	(3.0)	9.0	-
Retention costs	-	-	-	0.5	0.1	-
Share-based compensation	4.0	4.2	3.4	2.1	3.1	3.2
Non-GAAP gross margin	\$ 814.9	\$ 1,044.3	\$ 717.4	\$ 582.4	\$ 571.9	\$ 593.0
GAAP gross margin - percentage of revenue	52.8%	54.2%	45.6%	40.7%	33.8%	29.4%
Acquisition related costs - percentage of revenue	7.0%	5.6%	7.7%	3.0%	4.2%	6.8%
Loss/(recovery) on supply commitment - percentage of revenue	0.0%	0.0%	0.0%	-0.2%	0.6%	0.0%
Retention costs	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Share-based compensation - percentage of revenue	0.3%	0.2%	0.3%	0.3%	0.2%	0.2%
Non-GAAP gross margin - percentage of revenue	60.1%	60.0%	53.6%	43.7%	38.8%	36.4%
	FY23 Actual	FY22 Actual	FY21 Actual	FY20 Actual	FY19 Actual	FY18 Actual
GAAP operating expense	\$ 561.6	\$ 592.7	\$ 464.2	\$ 474.2	\$ 503.4	\$ 542.0
Share-based compensation	(118.6)	(128.8)	(89.7)	(58.3)	(55.9)	(68.1)
Acquisition related costs	(37.2)	(43.2)	(36.0)	(15.9)	(14.6)	(26.3)
Restructuring costs	-	(18.3)	(7.4)	(33.0)	(17.7)	(13.6)
Retention program costs	-	-	(5.1)	(13.4)	(2.5)	-
Vendor settlement accrual	(4.0)	-	-	-	-	-
Amortization of prepaid development costs	(5.8)	(10.0)	(9.2)	-	-	-
Gain on sale of audio technology assets	-	-	34.2	-	-	-
In-process research and development charge	-	-	-	(2.4)	-	-
CEO severance costs	-	-	-	-	(2.2)	-
Arbitration settlement/costs, net	-	-	-	-	1.7	(2.8)
Non-GAAP operating expense	\$ 396.0	\$ 392.4	\$ 351.0	\$ 351.2	\$ 412.2	\$ 431.2
	FY23 Actual	FY22 Actual	FY21 Actual	FY20 Actual	FY19 Actual	FY18 Actual
GAAP research and development expense	\$ 351.2	\$ 367.3	\$ 313.4	\$ 300.1	\$ 340.0	\$ 357.3
Share-based compensation	(52.7)	(69.7)	(45.4)	(32.3)	(33.7)	(38.6)
Retention program costs	-	-	(4.0)	(8.4)	-	-
Amortization of prepaid development costs	(5.8)	(10.0)	(9.2)	-	-	-
Integration related costs	-	-	(0.9)	-	-	(0.4)
Non-GAAP research and development expense	\$ 292.7	\$ 287.6	\$ 253.9	\$ 259.4	\$ 306.3	\$ 318.3
	FY23 Actual	FY22 Actual	FY21 Actual	FY20 Actual	FY19 Actual	FY18 Actual
GAAP selling, general, and administrative expense	\$ 175.0	\$ 168.4	\$ 144.9	\$ 127.0	\$ 129.8	\$ 147.7
Share-based compensation	(65.9)	(59.1)	(44.3)	(26.0)	(22.2)	(29.5)
Retention program costs	-	-	(1.1)	(5.0)	-	-
Vendor settlement accrual	(4.0)	-	-	-	-	-
Arbitration settlement/costs, net	-	-	-	-	1.7	(2.8)
Transaction/Integration related costs	(1.8)	(4.5)	(2.4)	(4.2)	(3.4)	(2.5)
Non-GAAP selling, general, and administrative expense	\$ 103.3	\$ 104.8	\$ 97.1	\$ 91.8	\$ 105.9	\$ 112.9

Synaptics Investor Day 2023

GAAP TO NON-GAAP RECONCILIATIONS

	FY23 Actual	FY22 Actual	FY21 Actual	FY20 Actual	FY19 Actual	FY18 Actual
GAAP operating income (loss)	\$ 154.3	\$ 350.4	\$ 147.0	\$ 68.9	\$ (6.3)	\$ (61.9)
Recovery on supply commitment	-	-	(0.6)	(3.0)	9.0	-
Acquisition & transaction/integration related costs	132.2	140.2	139.4	55.6	77.3	136.0
Share-based compensation	122.6	133.0	93.1	60.4	59.0	71.3
Restructuring costs	-	18.3	7.4	33.0	17.7	12.0
Retention program costs	-	-	5.1	13.9	2.5	-
Amortization of prepaid development costs	5.8	10.0	9.2	-	-	-
Vendor settlement accrual	4.0	-	-	-	-	-
Other items, net	-	-	-	-	0.5	4.4
In-process research and development charge	-	-	(34.2)	2.4	-	-
Non-GAAP operating income	\$ 418.9	\$ 651.9	\$ 366.4	\$ 231.2	\$ 159.7	\$ 161.8

	FY23 Actual	FY22 Actual	FY21 Actual	FY20 Actual	FY19 Actual	FY18 Actual
GAAP net income	\$ 73.6	\$ 257.5	\$ 79.6	\$ 118.8	\$ (22.9)	\$ (124.1)
Acquisition & transaction/integration related costs	132.2	140.2	139.4	55.6	77.3	136.0
Loss/(recovery) on supply commitment	-	-	(0.6)	(3.0)	9.0	-
Share-based compensation	122.6	133.0	93.1	60.4	59.0	71.3
Restructuring costs	-	18.3	7.4	33.0	17.7	13.6
Retention program costs	-	-	5.1	13.9	2.5	-
Amortization of prepaid development costs	5.8	10.0	9.2	-	-	-
In-process research and development charge	-	-	-	2.4	-	-
Gain on sale of assets	-	-	-	(105.1)	-	-
Gain on sale and leaseback transaction	-	(5.4)	-	-	-	-
Gain on sale of audio technology assets	-	-	(34.2)	-	-	-
Gain on supplier settlement	-	(1.8)	-	-	-	-
Vendor settlement accrual	4.0	-	-	-	-	-
CEO severance costs	-	-	-	-	2.2	-
Other items, net	2.6	11.6	20.1	18.8	13.5	21.6
Equity investment (gain) / loss	-	(1.6)	9.1	2.0	1.8	1.8
Non-GAAP tax adjustments	(14.4)	(10.6)	(11.8)	10.4	(18.9)	21.2
Non-GAAP net income	\$ 326.4	\$ 551.2	\$ 316.4	\$ 207.2	\$ 141.2	\$ 141.4

	FY23 Actual	FY22 Actual	FY21 Actual	FY20 Actual	FY19 Actual	FY18 Actual
GAAP net income per share - diluted	\$ 1.83	\$ 6.33	\$ 2.08	\$ 3.41	\$ (0.66)	\$ (3.63)
Acquisition & transaction/integration related costs	3.29	3.44	3.64	1.60	2.23	3.98
Loss/(recovery) on supply commitment	-	-	(0.01)	(0.09)	0.26	-
Share-based compensation	3.05	3.27	2.43	1.73	1.71	2.07
Restructuring costs	-	0.45	0.19	0.95	0.51	0.34
Retention program costs	-	-	0.13	0.40	0.07	-
Amortization of prepaid development costs	0.14	0.24	0.24	-	-	-
In-process research and development charge	-	-	-	0.1	-	-
Gain on sale of assets	-	-	-	(3.0)	-	-
Gain on sale and leaseback transaction	-	(0.13)	-	-	-	-
Gain on sale of audio technology assets	-	-	(0.89)	-	-	-
Gain on supplier settlement	-	(0.04)	-	-	-	-
Vendor settlement accrual	0.10	-	-	-	-	-
CEO severance costs	-	-	-	-	0.06	-
Other items, net	0.06	0.29	0.52	0.54	0.31	0.60
Equity investment (gain) / loss	-	(0.04)	0.24	0.06	0.05	0.05
Non-GAAP tax adjustment	(0.35)	(0.27)	(0.31)	0.30	(0.54)	0.64
Non-GAAP net income per share - diluted	\$ 8.12	\$ 13.54	\$ 8.26	\$ 5.95	\$ 4.00	\$ 4.05

Reconciliation of R&D ROIC to nearest GAAP measure

(\$ millions)	Totals FY18-23
GAAP R&D Expense	\$2,029
Non-GAAP R&D Expense	\$1,718
GAAP Operating Income	\$652
Non-GAAP Operating Income	\$1,990
GAAP ROIC on R&D	-68%
Non-GAAP ROIC on R&D	16%

ROIC = Operating Income / R&D Expense - 1

Synaptics Investor Day 2023

GAAP TO NON-GAAP RECONCILIATIONS

Reconciliation of GAAP Net Income to Adjusted Earnings Before Interest Depreciation and Amortization (Adjusted EBITDA)

Consolidated EBITDA (trailing four quarters) (\$ millions)	Q1 FY2023	Q2 FY2023	Q3 FY2023	Q4 FY2023	FY2023
Consolidated GAAP Net Income	64.6	22.0	10.4	(23.4)	73.6
+ plus income and franchise taxes	39.1	17.4	16.8	(20.9)	52.4
+ plus Consolidated Interest Expense	11.3	12.6	15.8	15.9	55.6
+ plus amortization and depreciation	41.7	41.1	40.6	40.2	163.6
+ plus extraordinary, unusual, non-recurring charges or losses	2.1	(1.5)	-	4.0	4.6
+ plus integration costs for Acquisitions	-	1.8	-	-	1.8
+ plus expenses associated with stock plans and similar arrangements	30.5	31.5	29.8	30.3	122.1
- minus interest income	3.0	5.8	8.4	10.8	28.0
Consolidated EBITDA	186.3	119.1	105.0	35.3	445.7

Provided August 3, 2023

FISCAL Q1 2024 GUIDANCE

	GAAP	NON-GAAP ADJUSTMENT	NON-GAAP
REVENUE	\$215M to \$245M	N/A	N/A
GROSS MARGIN*	43.5% to 47.5%	\$18M	52.0% to 55.0%
OPERATING EXPENSE**	\$139M to \$147M	\$42M to \$47M	\$97M to \$100M

Notes:

*Projected Non-GAAP gross margin excludes \$17.0 million of intangible asset amortization and \$1.0 million of share-based compensation

**Projected Non-GAAP operating expense excludes \$29.0 million to \$31.0 million of share-based compensation, \$7.0 million to \$10.0 million restructuring costs, and \$6.0 million of intangible asset amortization