## Qualcom

# Akash Palkhiwala

## Chief Financial Officer and Chief Operating Officer Qualcomm Incorporated

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# Qualcom INVESTOR DAY 2024

## Note Regarding Forward-Looking Statements

In addition to historical information, this presentation contains forward-looking statements regarding: our growth and diversification opportunities, including those in automotive and the internet of things (IoT), and opportunities arising from the continued adoption of artificial intelligence (AI) technology strategies, including our diversification strategy; our technologies, technology leadership, technology differentiation and technology roadmap; our products, product performance, product releases, announcements and design wins; our automotive design-win pipeline; the benefits of our technologies, products and research and development efforts; our business and share trends, as well as market and industry trends, as well as SAM expansion in various industries; acquisitions, collaborations or other strategic transactions, including the anticipated demand for our products and technologies; our capital allocation strategy, including anticipated dividend growth and share repurchases; our business outlook; and our estimates, guidance, targets and planning assumptions related to financial performance, including our various five-year revenue targets. Forward-looking statements are generally identified by words such as "estimates," "guidance," "forecast," "target," "expects," "anticipates," "intends," "plans," "believes," "seeks" and similar expressions. Actual results may differ materially from those referred to in the forward-looking statements due to a number of important factors, including but not limited to: our dependence on a small number of customers and licensees, and particularly from their sale of premium-tier handset devices; our customers vertically integrating; a significant portion of our business being concentrated in China, which is exacerbated by U.S./China trade and national security tensions; our ability to extend our technologies and products into new and expanded products; our strategic acquisitions, transactions and investments, and our ability to consummate strategic acquisitions; our dependence on a limited number of third-party suppliers; risks associated with the operation and control of our manufacturing facilities; security breaches of our information technology systems, or other misappropriation of our technology, intellectual property or other proprietary or confidential information; our ability to attract and retain gualified employees; the continue to evolve our patent portfolio and to renew or renegotiate license agreements that are expiring; efforts by some OEMs to avoid paying fair and reasonable royalties for the use of our intellectual property, and other attacks on our licensing business model; potential changes in our patent licensing practices, whether due to governmental investigations, legal challenges or otherwise; adverse rulings in governmental investigations or proceedings; our customers' and licensees' sales of products and services based on CDMA, OFDMA and other communications technologies, including 5G, and our customers' demand for our products based on these technological change, and our ability to adapt to such change and compete effectively; failures in our products or in the products of our customers or licensees, including those resulting from security vulnerabilities, defects or errors; difficulties in enforcing and protecting our intellectual property; our use of open source software; the cyclical nature of the semiconductor industry, declines in global, regional or local economic conditions, or our stock price and earnings volatility; geopolitical conflicts, natural disasters, pandemics and other health crises, and other factors outside of our control; our ability to comply with laws, regulations, policies and standards; our indebtedness; and potential tax liabilities. These and other risks are set forth in our Annual Report on Form 10-K for the fiscal year ended September 29, 2024 filed with the Securities and Exchange Commission (SEC). Our reports filed with the SEC are available on our website at www.qualcomm.com. We undertake no obligation to update, or continue to provide information, future events or otherwise.

This presentation includes "Non-GAAP financial measures" as that term is defined in Regulation G. Further discussion regarding our use of Non-GAAP financial measures, as well as the most directly comparable GAAP (accounting principles generally accepted in the United) States) financial measures and information reconciling these Non-GAAP financial measures to our financial results prepared in accordance with GAAP, are included in this presentation.

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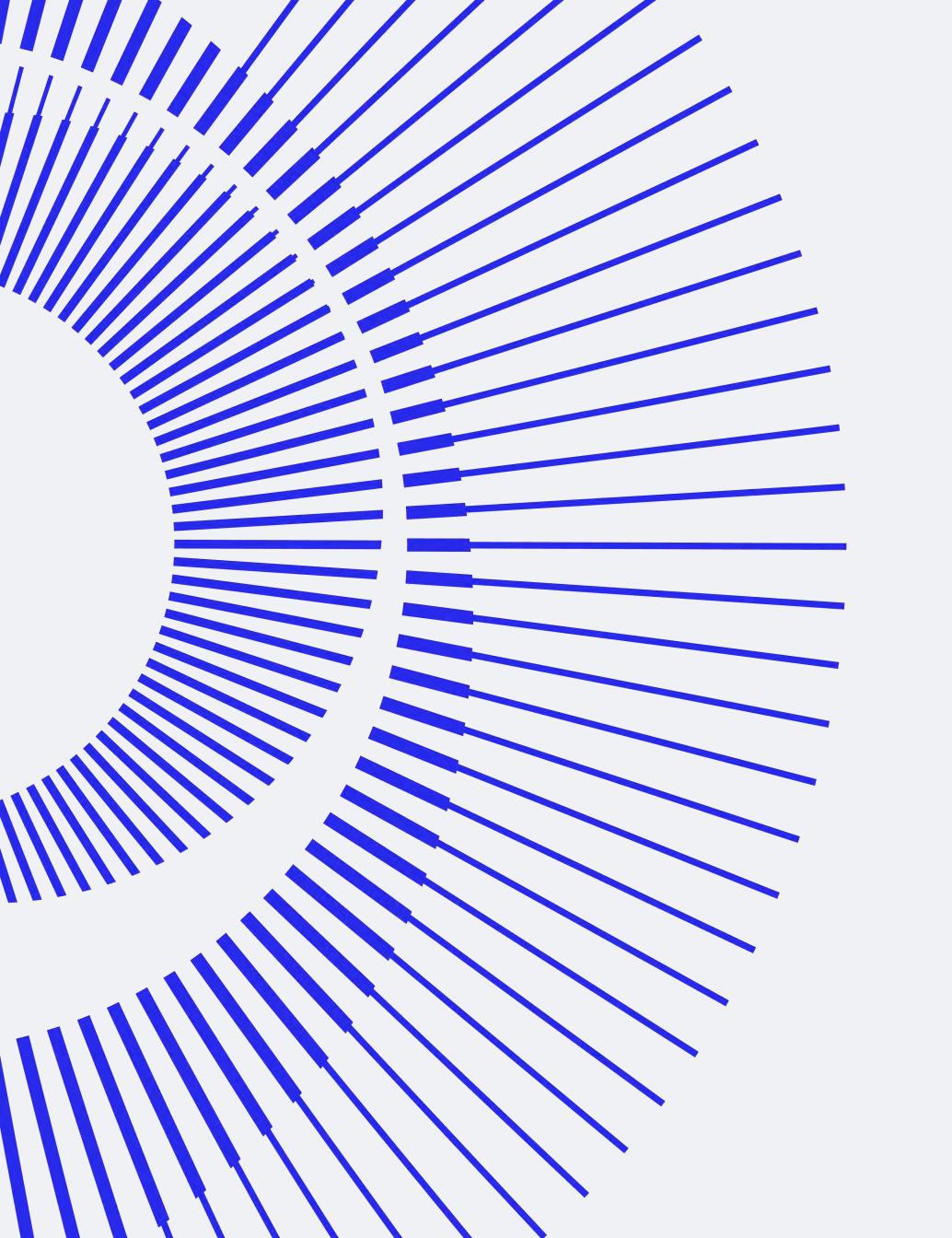
Agenda

Historical perspective

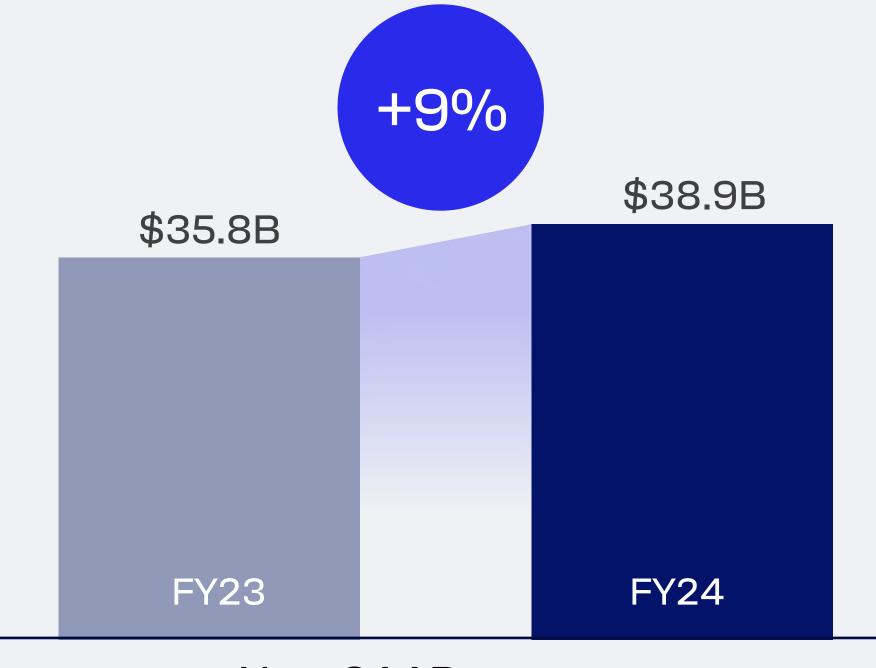
Revenue growth and diversification

Operating discipline

Capital allocation

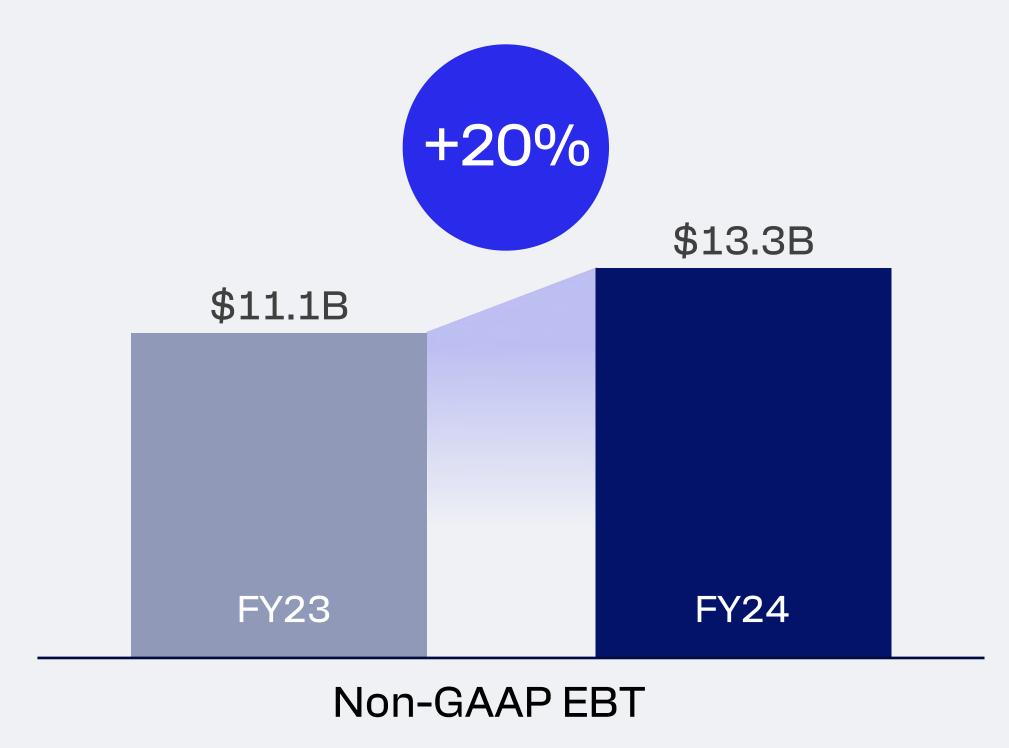


## Strong financial performance and execution in FY24 Reflects the benefit of operating leverage



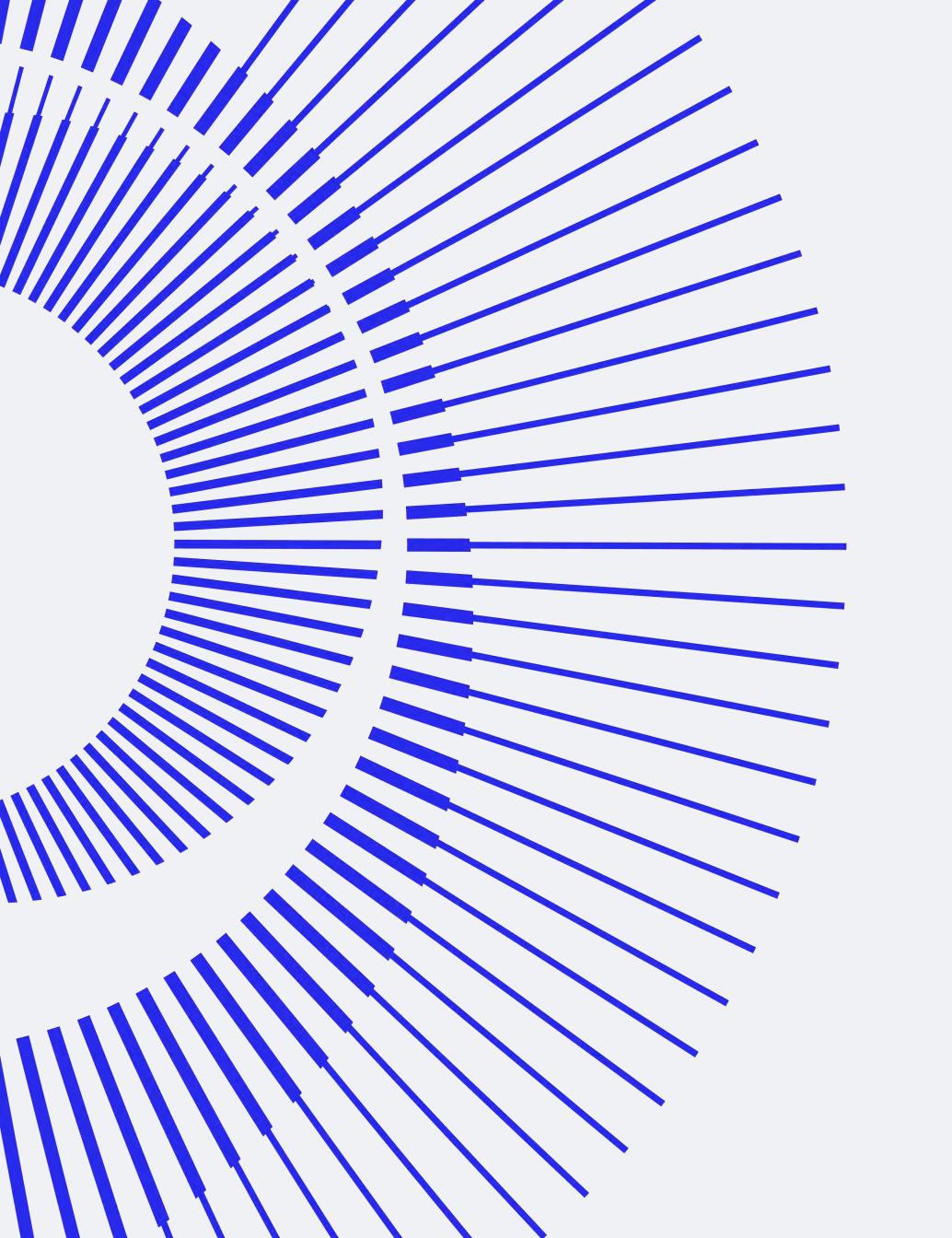
#### Non-GAAP revenues

Non-GAAP information excludes our QSI (Qualcomm Strategic Initiatives) segment and certain share-based compensation, acquisition-related items, and other items. Further discussion regarding our use of Non-GAAP financial measures and reconciliations between GAAP and Non-GAAP results are included in this presentation. EBT: earnings before taxes. EPS: diluted earnings per share.





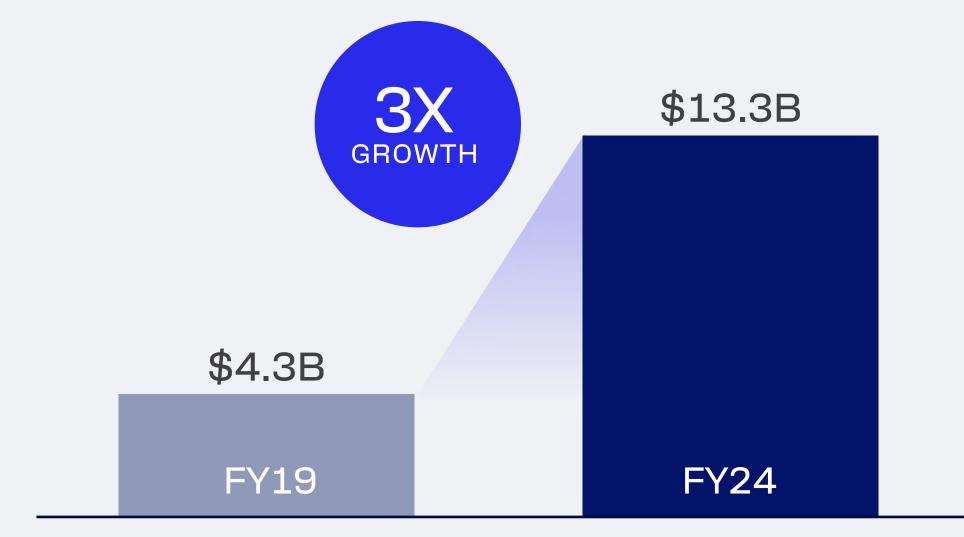
#### Non-GAAP EPS



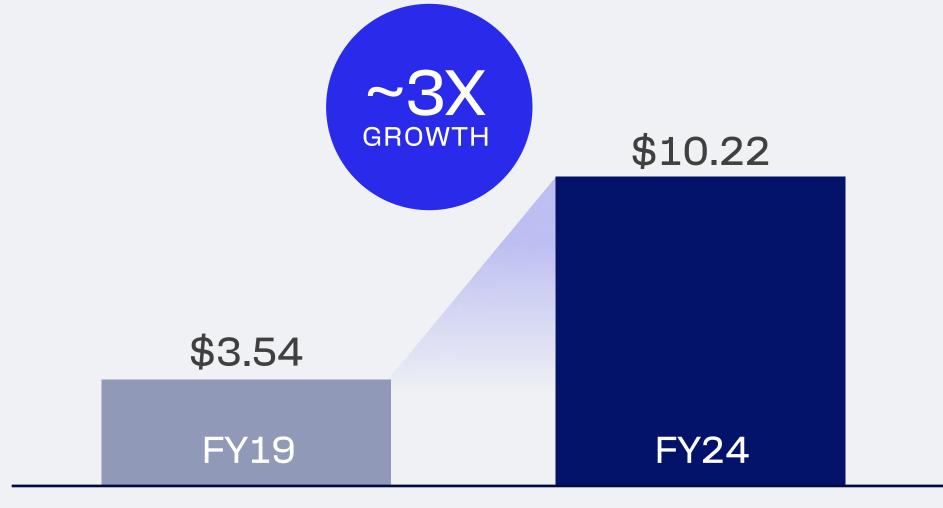
## Historical performance validates strategy Strong revenue and earnings growth



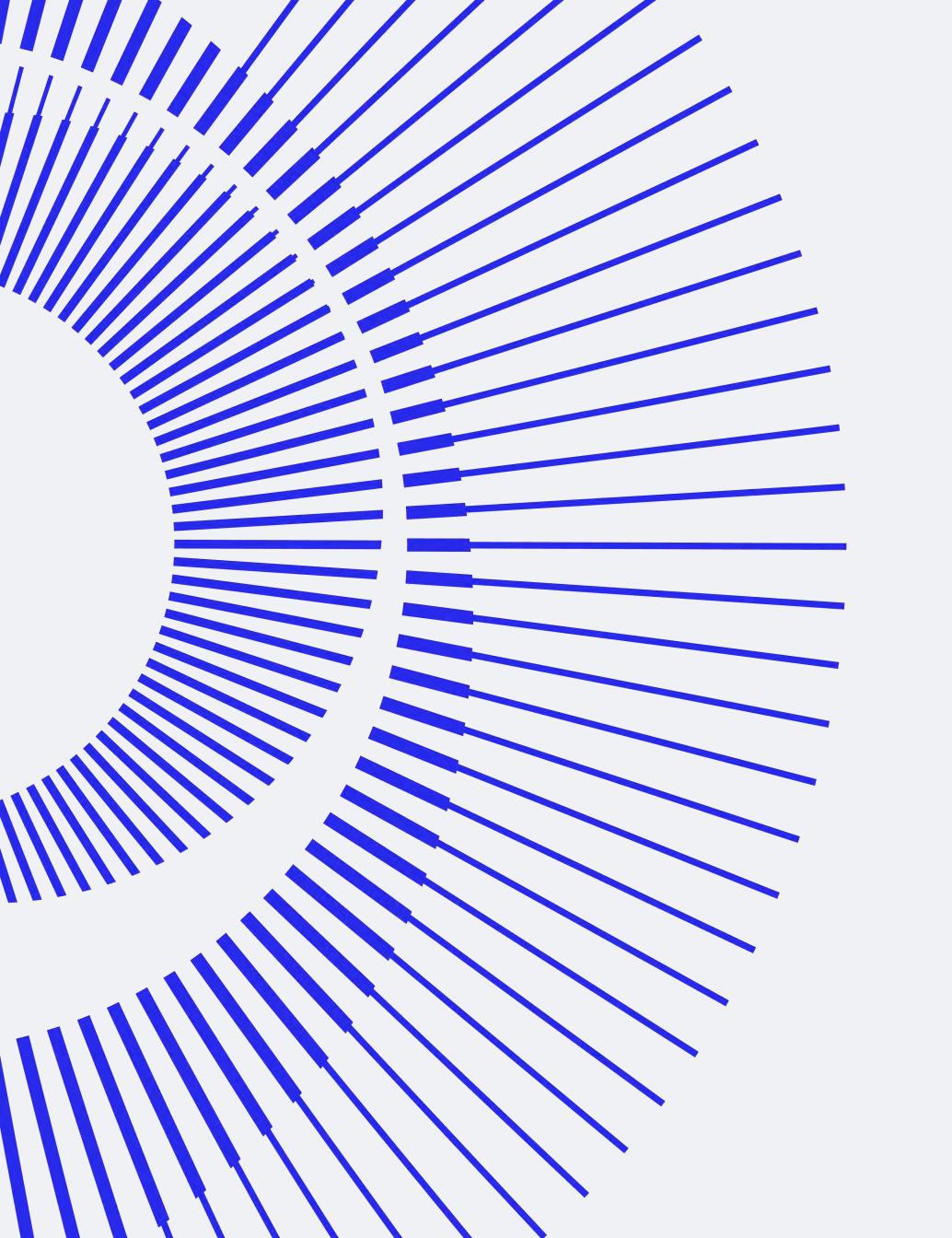
Non-GAAP revenues



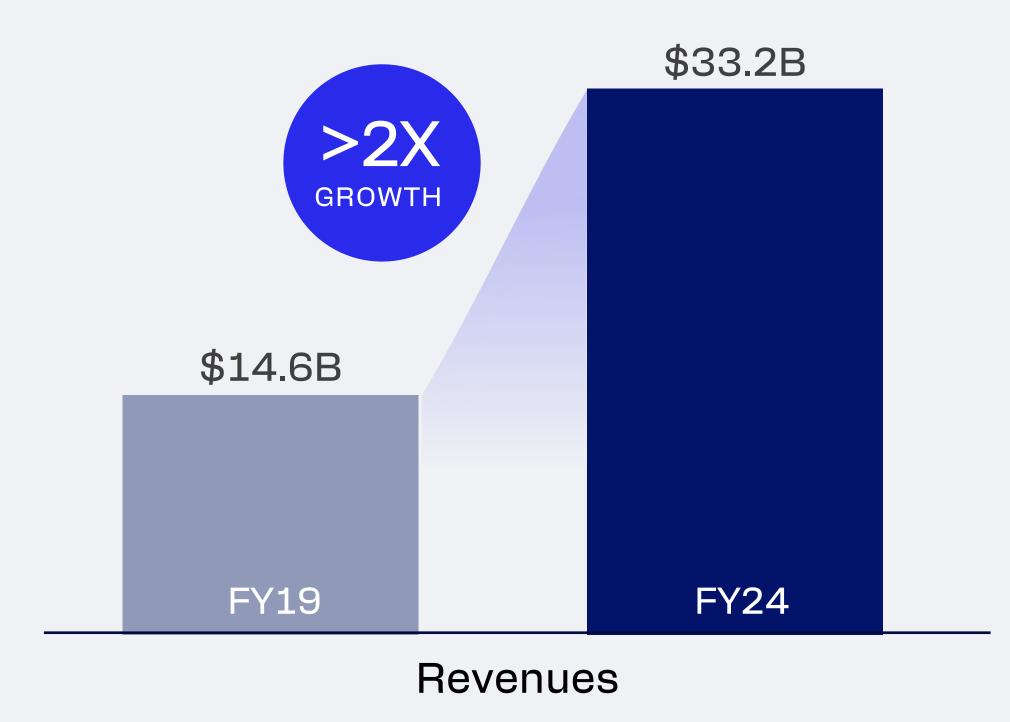
#### Non-GAAP EBT



#### Non-GAAP EPS

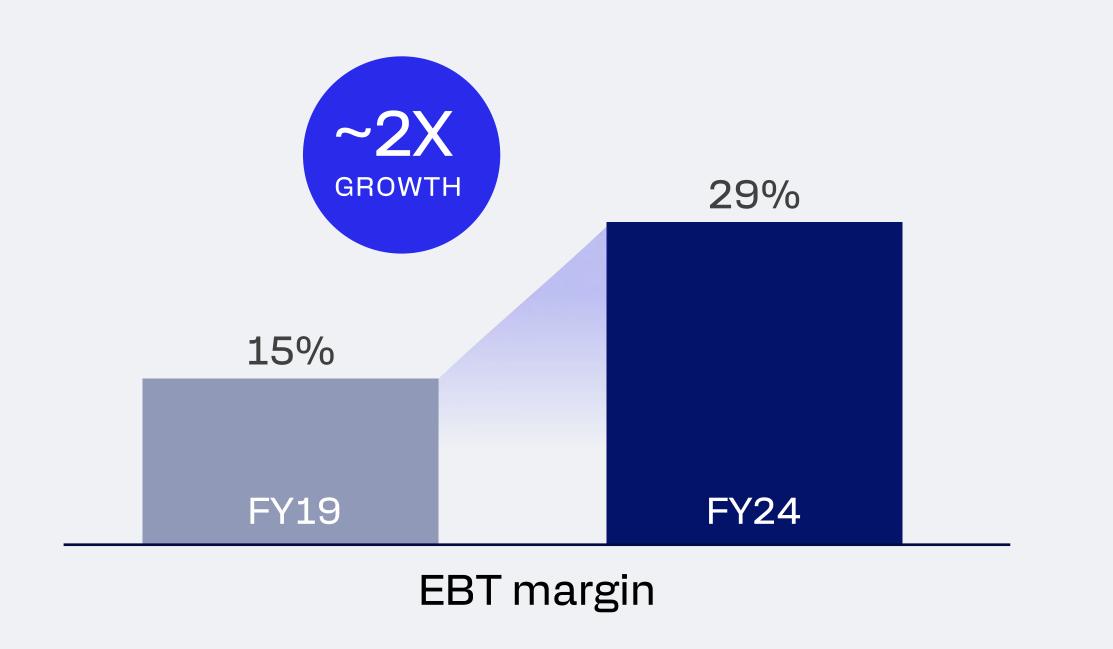


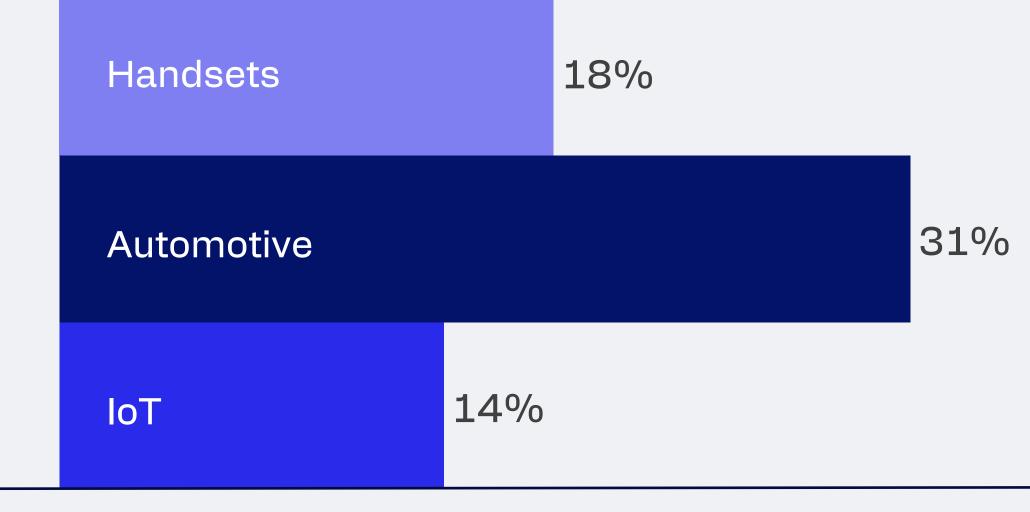
## QCT revenue growth and margin expansion Acceleration across all revenue streams



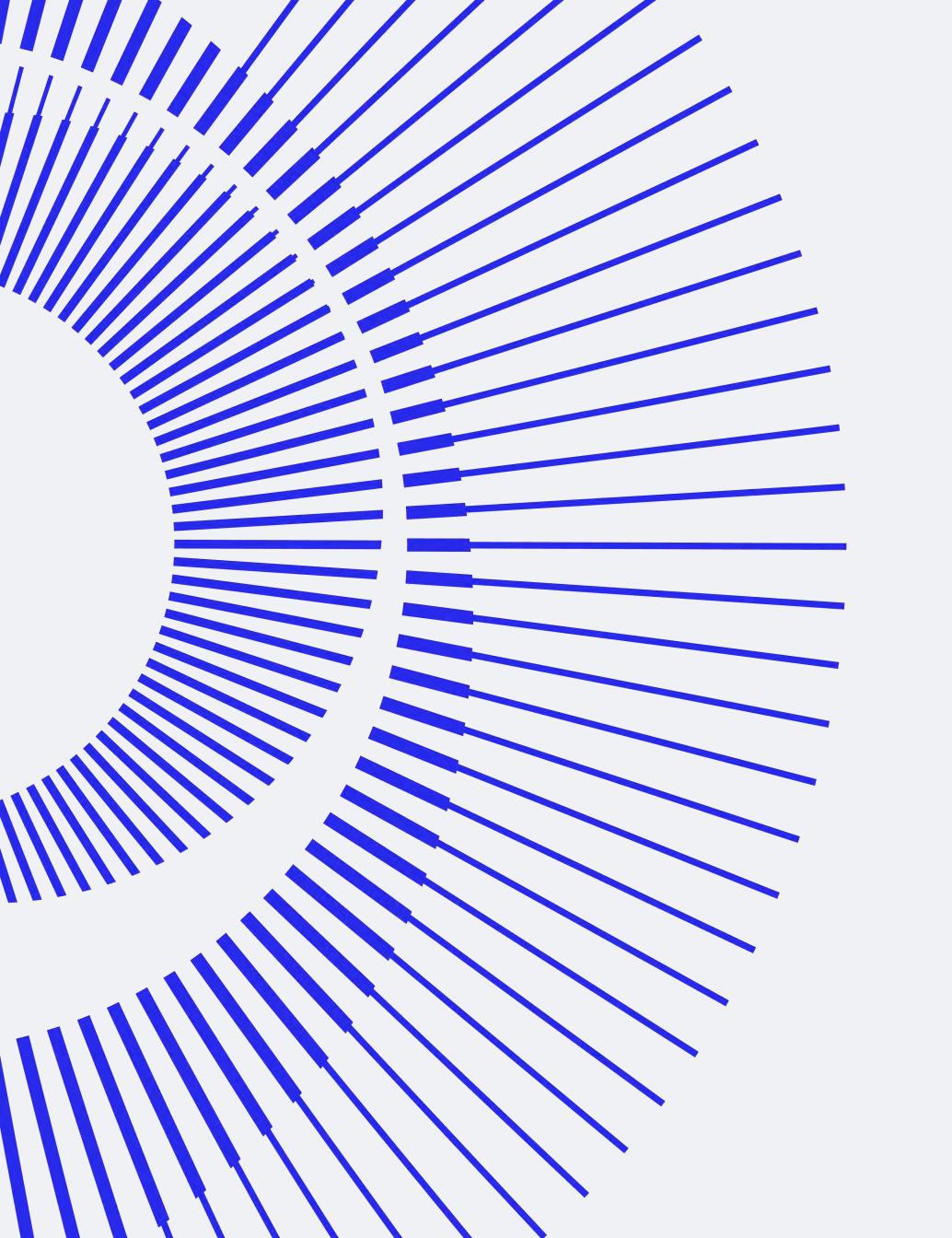
Beginning in the first quarter of fiscal 2023, QCT RFFE (radio frequency front-end) revenues, which were previously presented as a separate revenue streams as applicable. Prior period information has been recast to reflect this change.



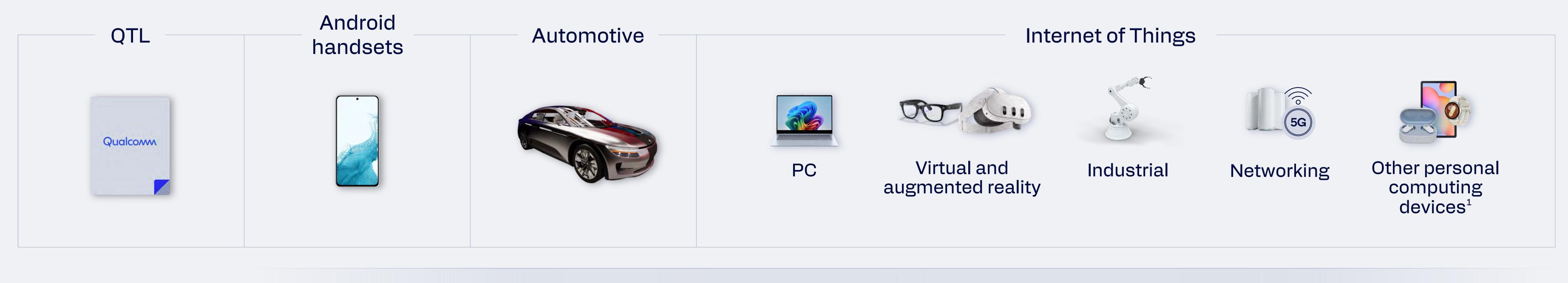




#### Five-year revenue CAGRs



## **Current business priorities**



1. Includes tablets, headphones and smartwatches.

#### EDGE AI



## ANDROID HANDSETS Scale of Android handsets

**B20/0** of CY24e global handset shipments<sup>1</sup>

Counterpoint Research, August 2024.
A combination of third-party and internal estimates.



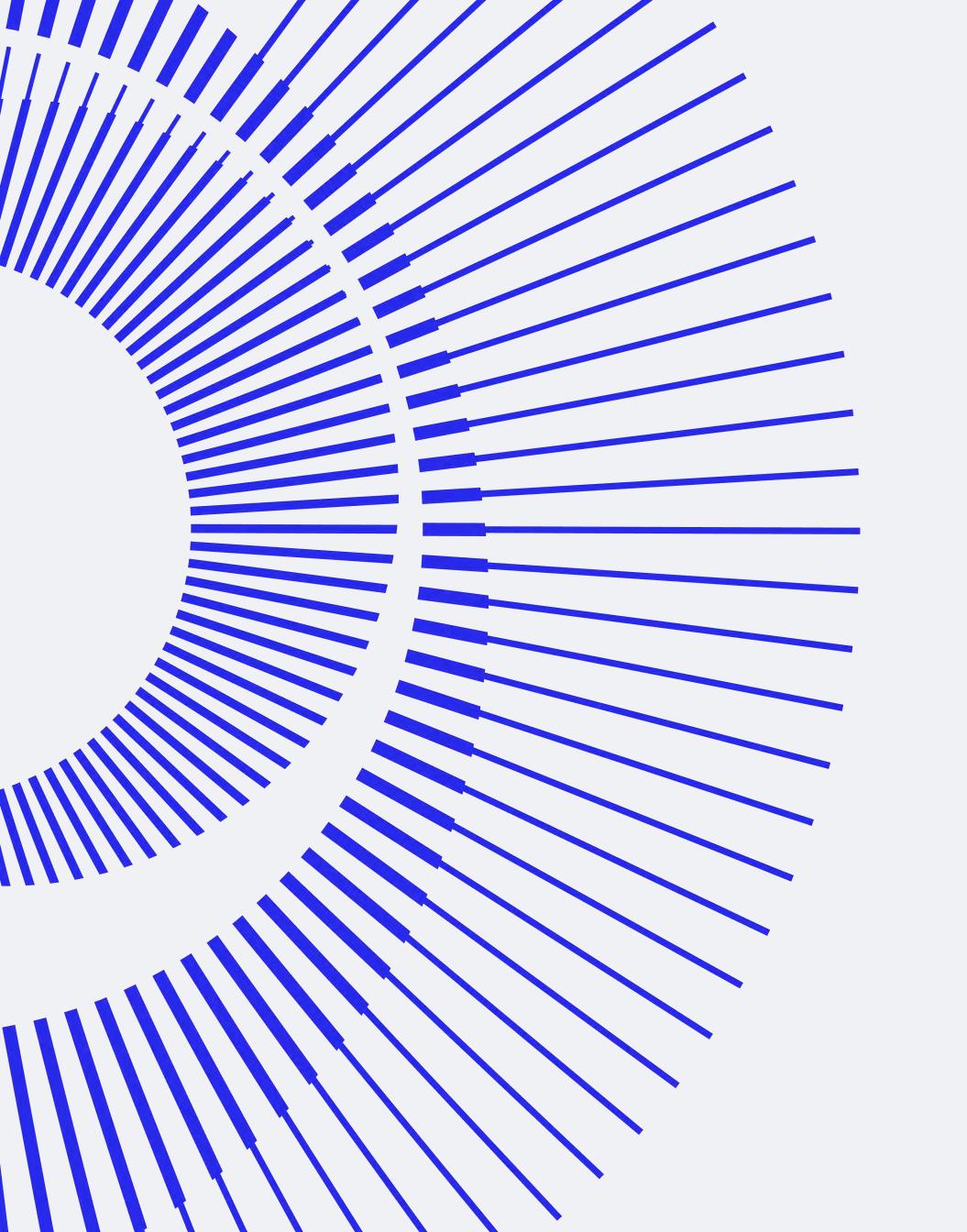
## The leader in Android revenues



### QCT FY24 scale relative to primary competitor<sup>2</sup>



>55 Premium-tier (Snapdragon 8) revenues

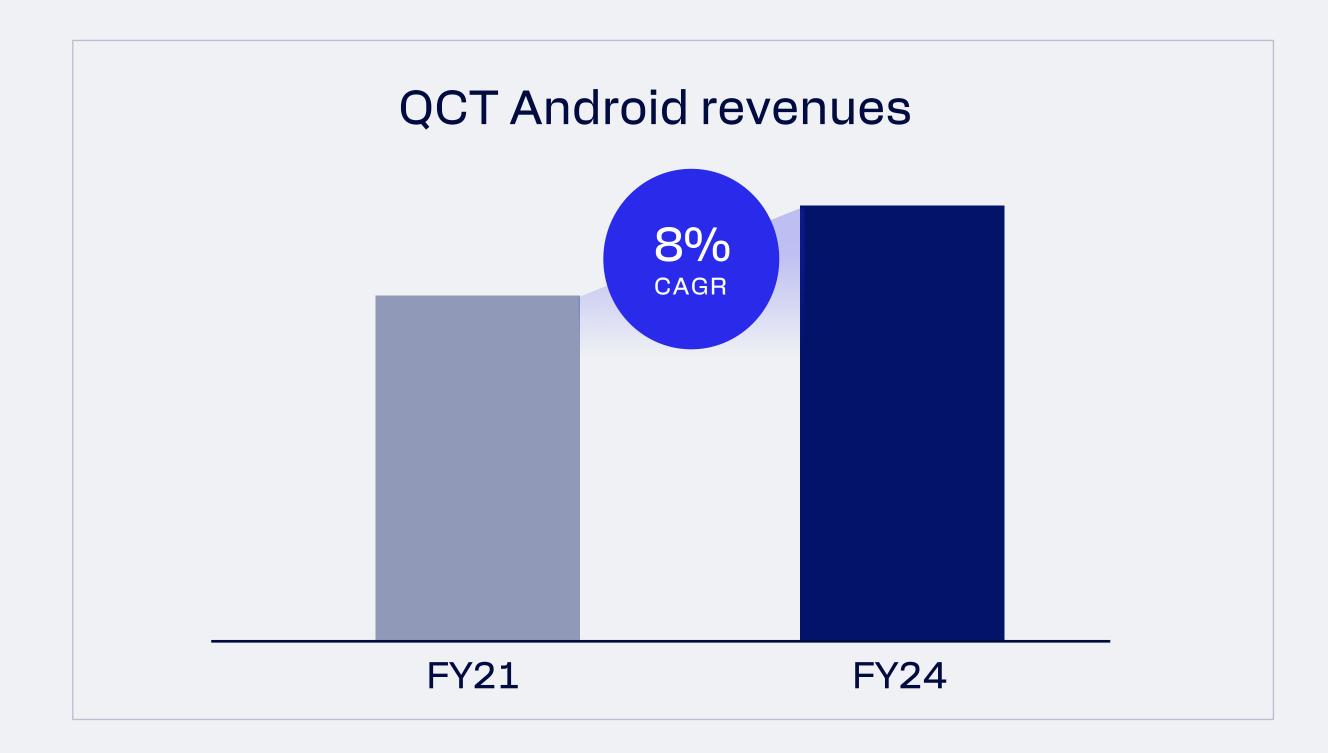


## ANDROID HANDSETS Revenue growth drivers: Content (processor and AI) and product mix

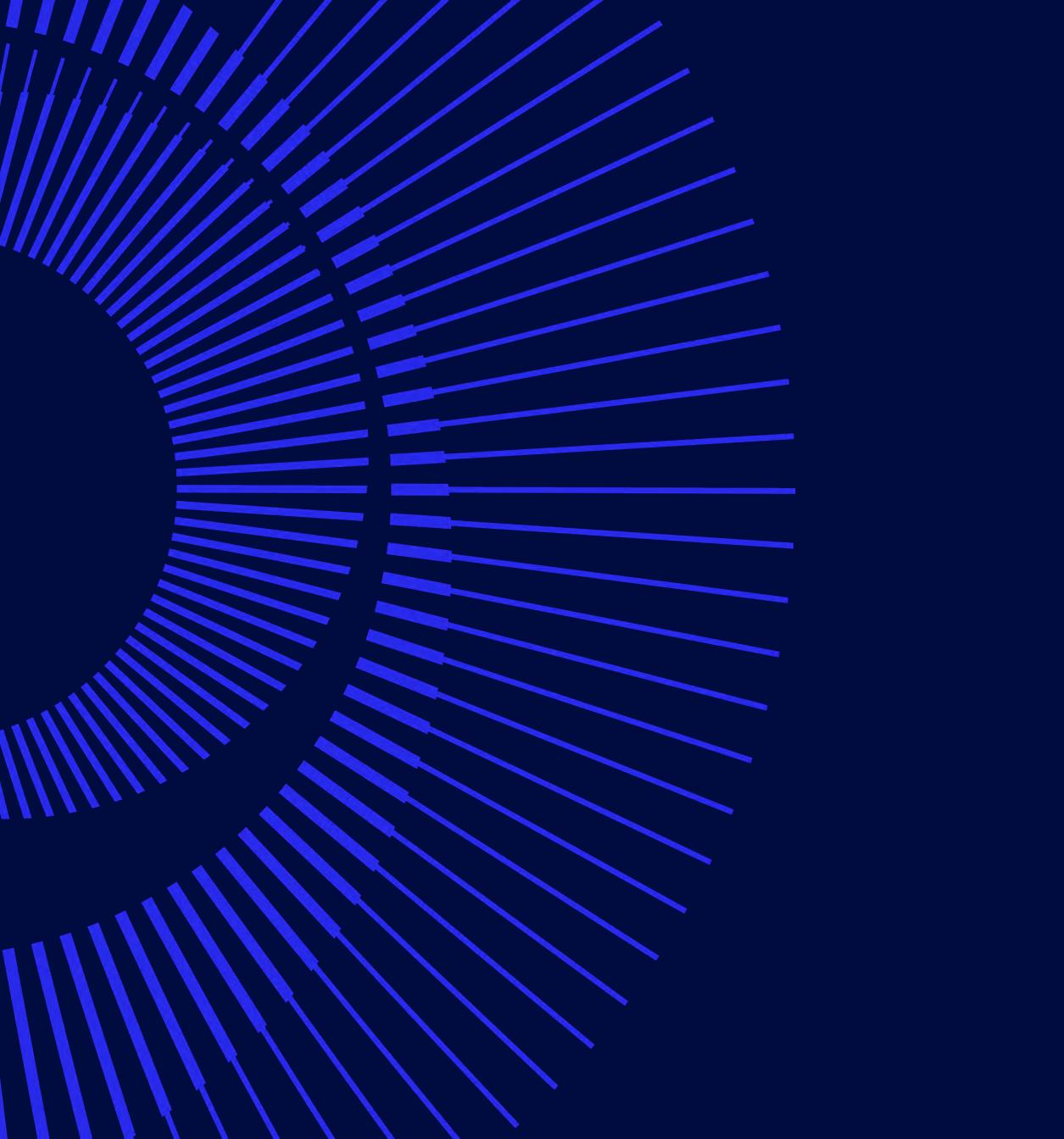


1. Internal data.

2. Internal forecast.



Expect Android revenue SAM CAGR to be a midsingle digit percentage over next five years<sup>2</sup>

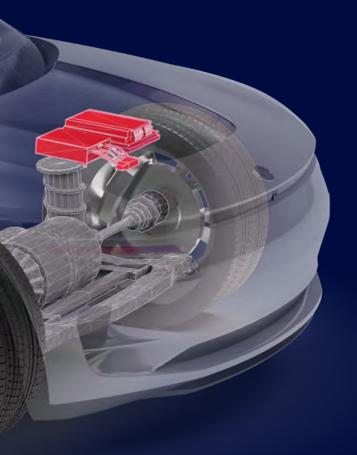


#### AUTOMOTIVE

# Transition to software defined vehicle drives 2X TAM expansion



TAM: Total addressable opportunity. A combination of third-party and internal estimates. Includes high-power compute, which is allocated between digital cockpit and ADAS/AD, as of Nov. 19, 2024.



#### 2024e TAM

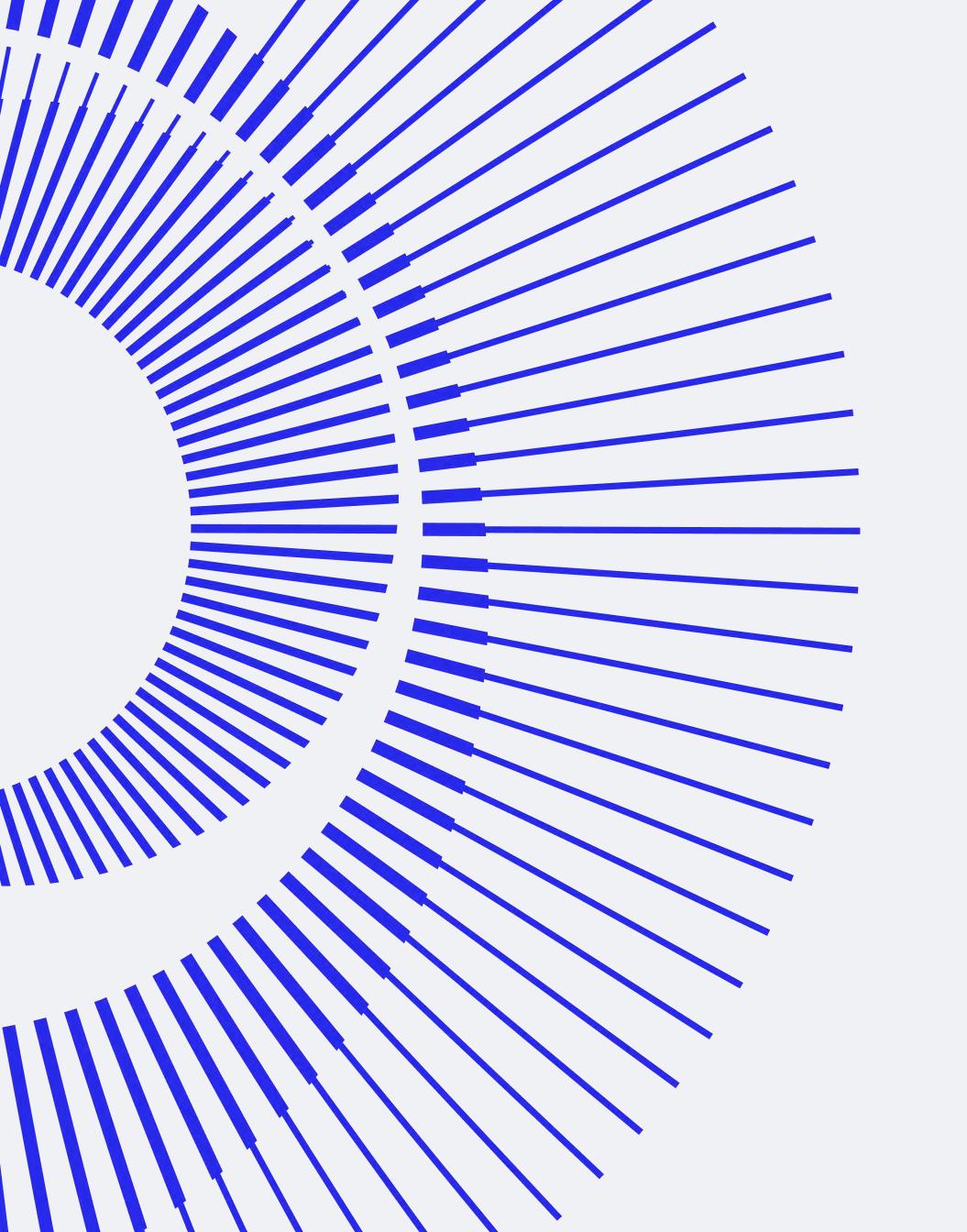
#### 2029 TAM

Connectivity

TAM drives upside opportunity



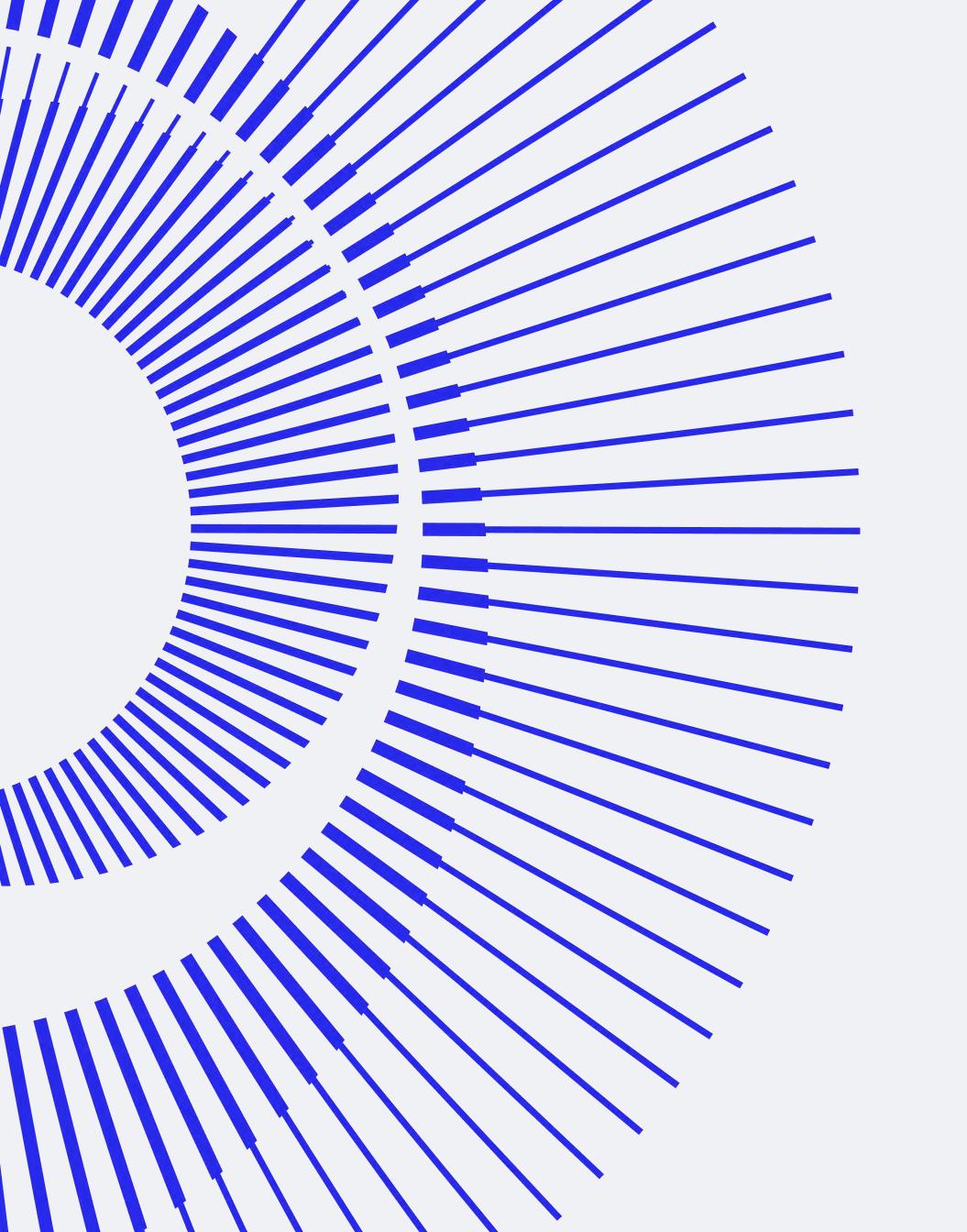
Digital cockpit ADAS/AD



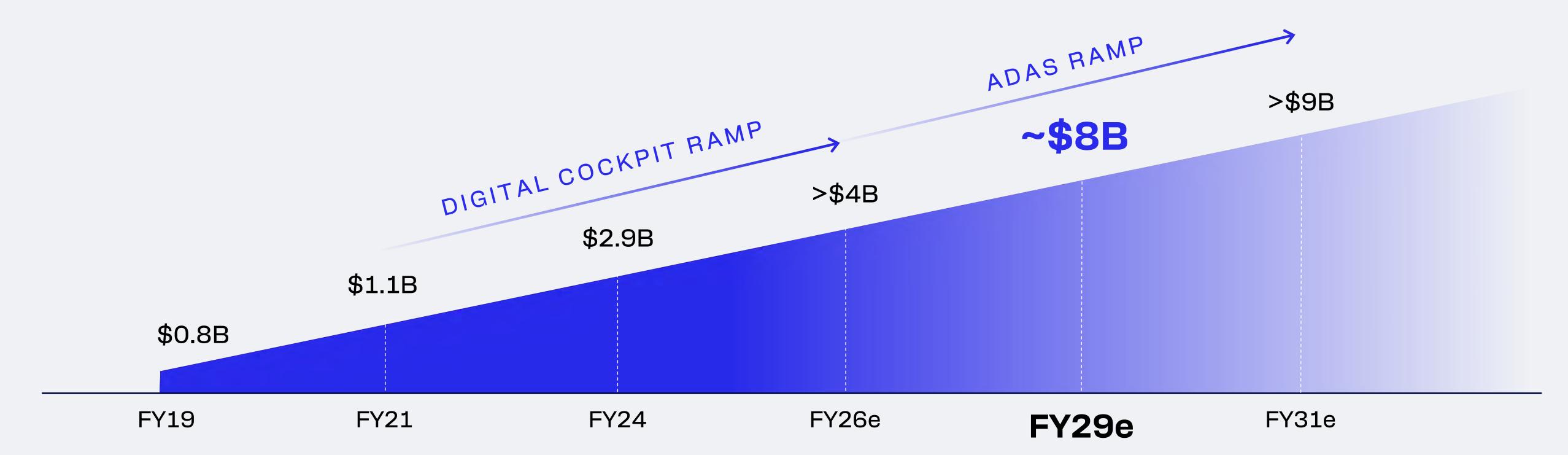
#### AUTOMOTIVE



The design-win pipeline reflects the current estimated future size of awarded automaker programs, based on forecasts provided directly by automakers and Tier-1 suppliers. Breakout by geography based on customer headquarter location. As of Nov. 19, 2024.



## AUTOMOTIVE Strong revenue growth forecast



Beginning in the first quarter of fiscal 2023, QCT RF front-end revenues, which were previously presented as a separate revenue streams as applicable. Prior period information has been recast to reflect this change.



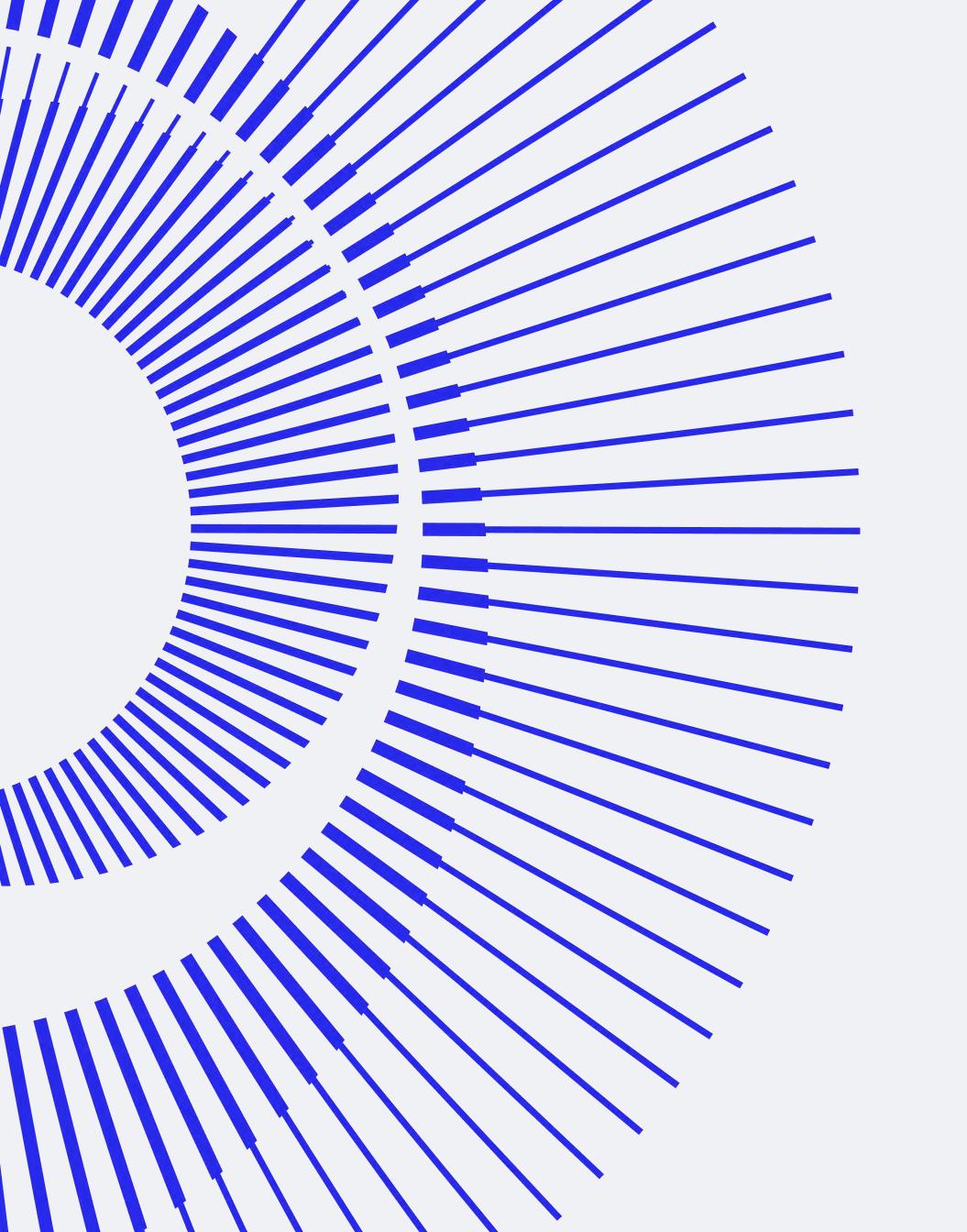
#### - REVENUE MILESTONES -



FY29 revenue target

>80%

of cumulative revenue forecast over next 5 years covered under existing design wins



#### ΙΟΤ

## Increasing relevance of our technology creates multiple growth vectors Digital transformation drives demand for processing and AI at the edge



1. Includes tablets, headphones and smartwatches.



# FY24 REVENUES \$55.4B

#### IOT - PC

## Snapdragon X Series is the performance leader in AI PCs

Broad product roadmap drives design traction across all leading OEMs

A combination of third-party and internal estimates, as of Nov. 19, 2024.



#### HIGHEST PERFORMANCE LONGEST BATTERY LIFE

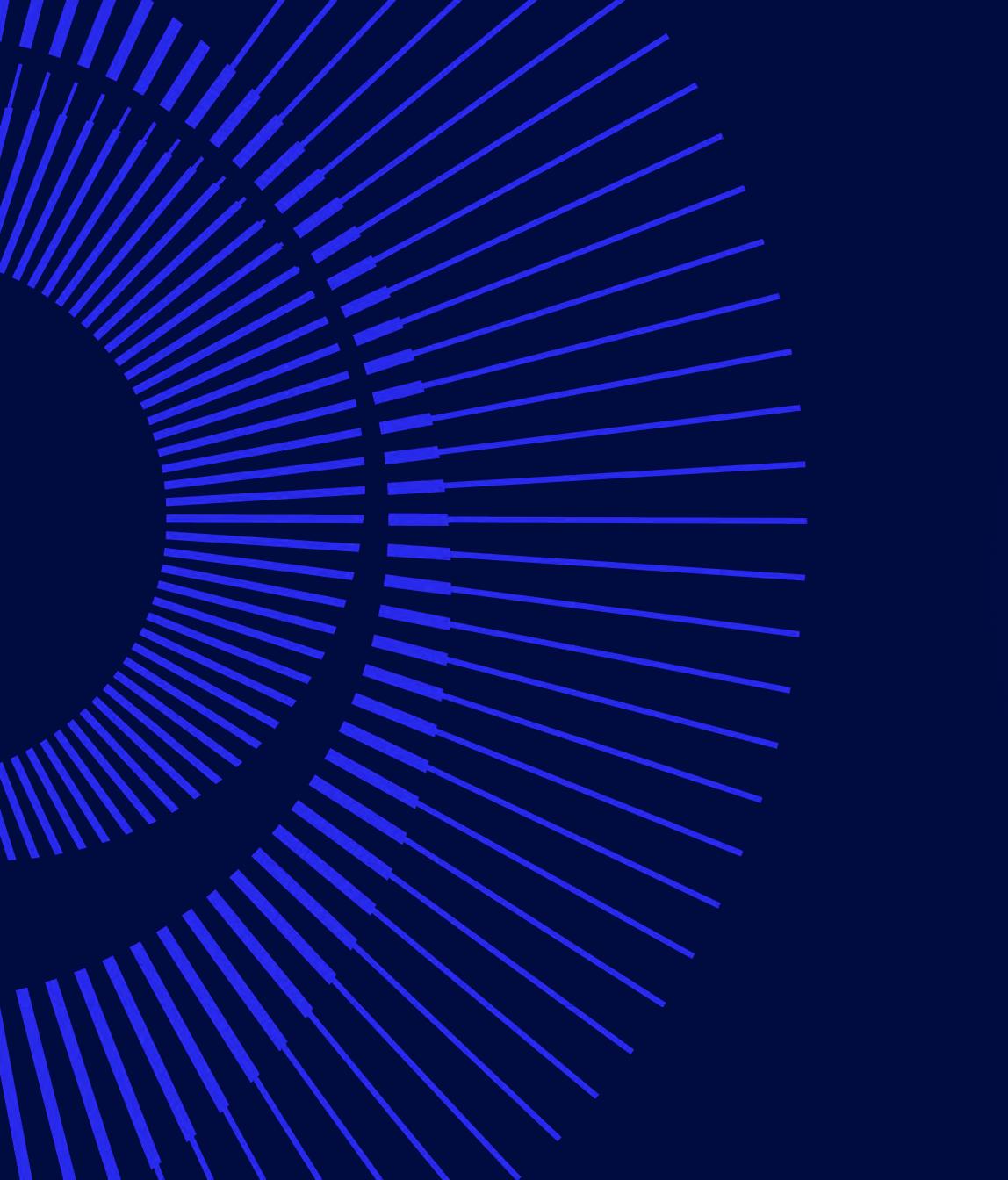


40+ ON-DEVICE AI MODELS OPTIMIZED ON SNAPDRAGON



## 70% Notebook volume addressable by expected 2026 design wins

## **100+** Devices targeted to be commercialized through 2026





A combination of third-party and internal estimates, as of Nov. 19, 2024.

2029 TAM

# 220Mu

Windows notebooks and desktops

## \$35B

Silicon revenues

2029 SAM

## 90%

**AIPC** penetration

## 30%-50%

Non-x86 Al notebooks

#### REVENUE TARGET

## \$4B

FY29 revenue target

#### IOT – XR

## Purpose-built technology for a new computing platform

Strategic long-term collaborations with key partners



### AR growth driven by GenAl



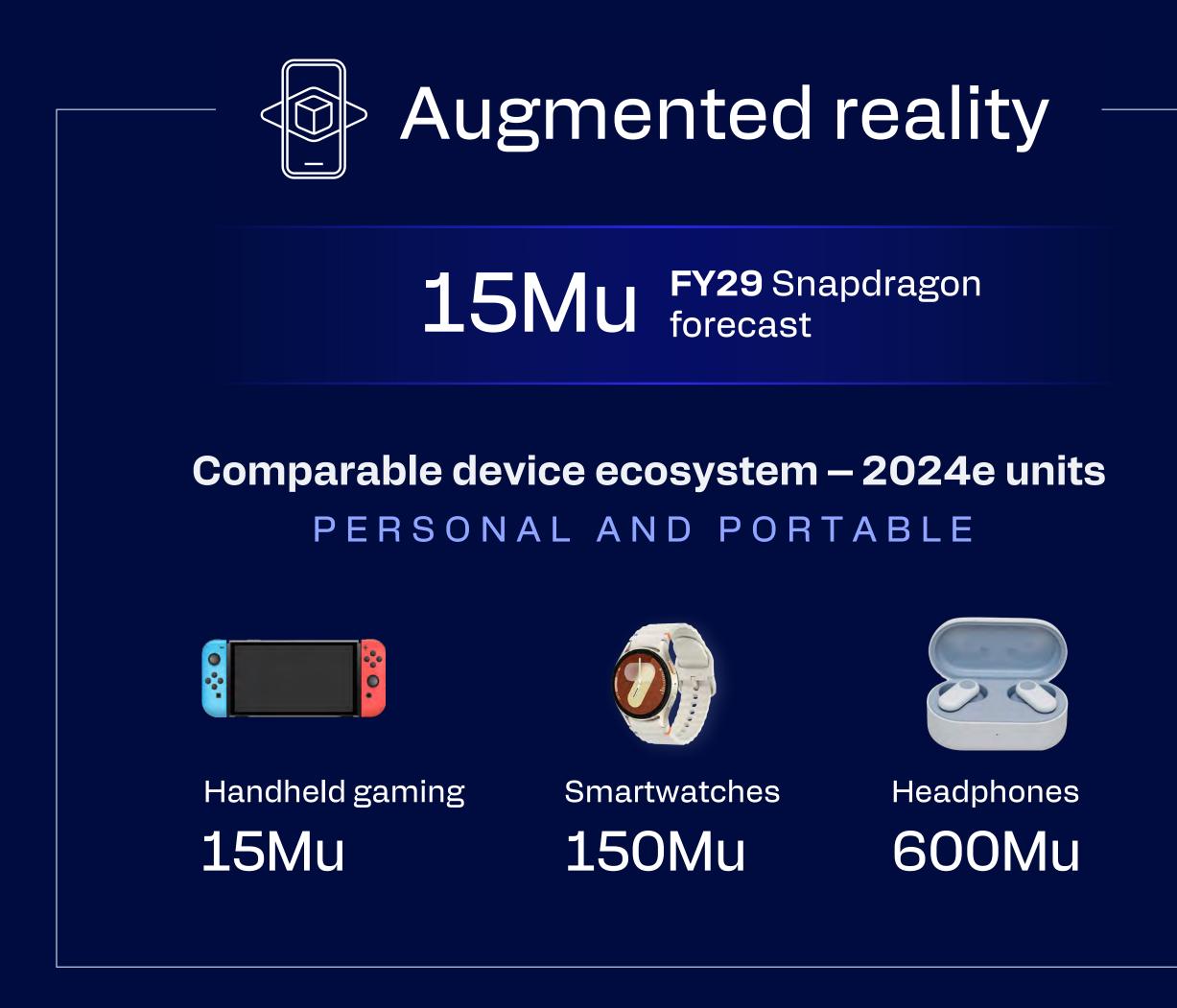
Immersive MR/VR



#### IOT - XR

## Revenue growth with potential upside opportunity

A combination of third-party and internal estimates, as of Nov. 19, 2024



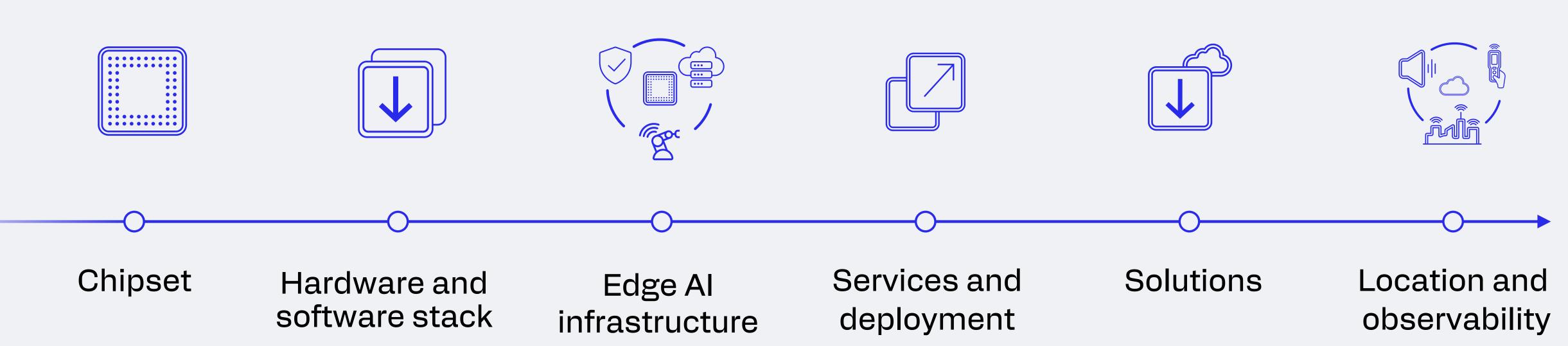




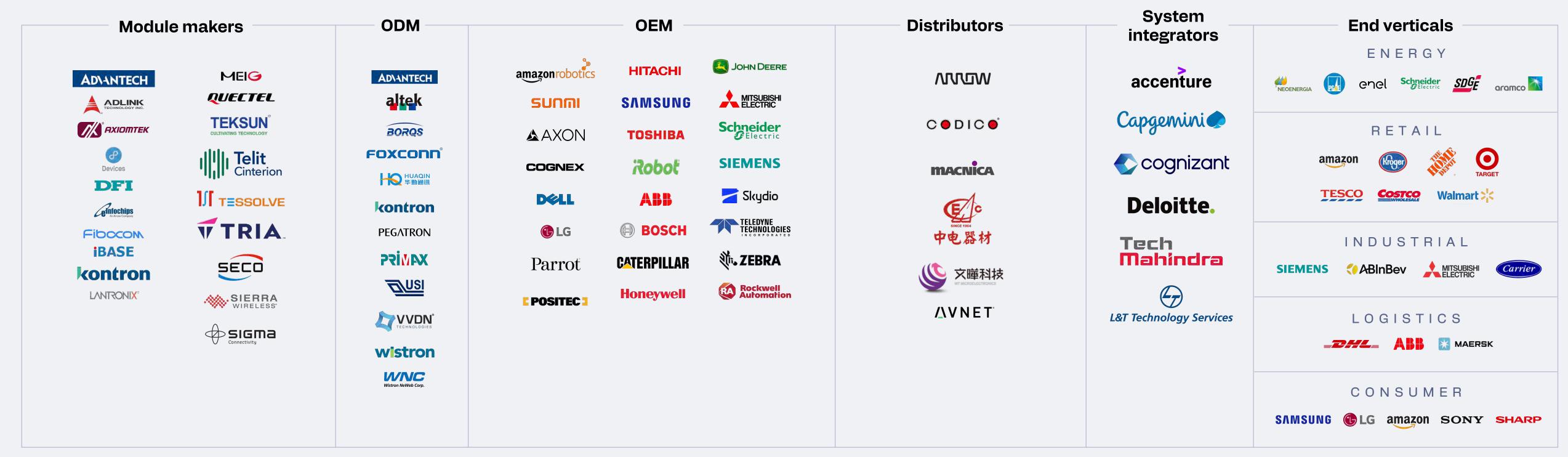
#### IOT - INDUSTRIAL

## Scaling industrial across verticals: products, solution and channel

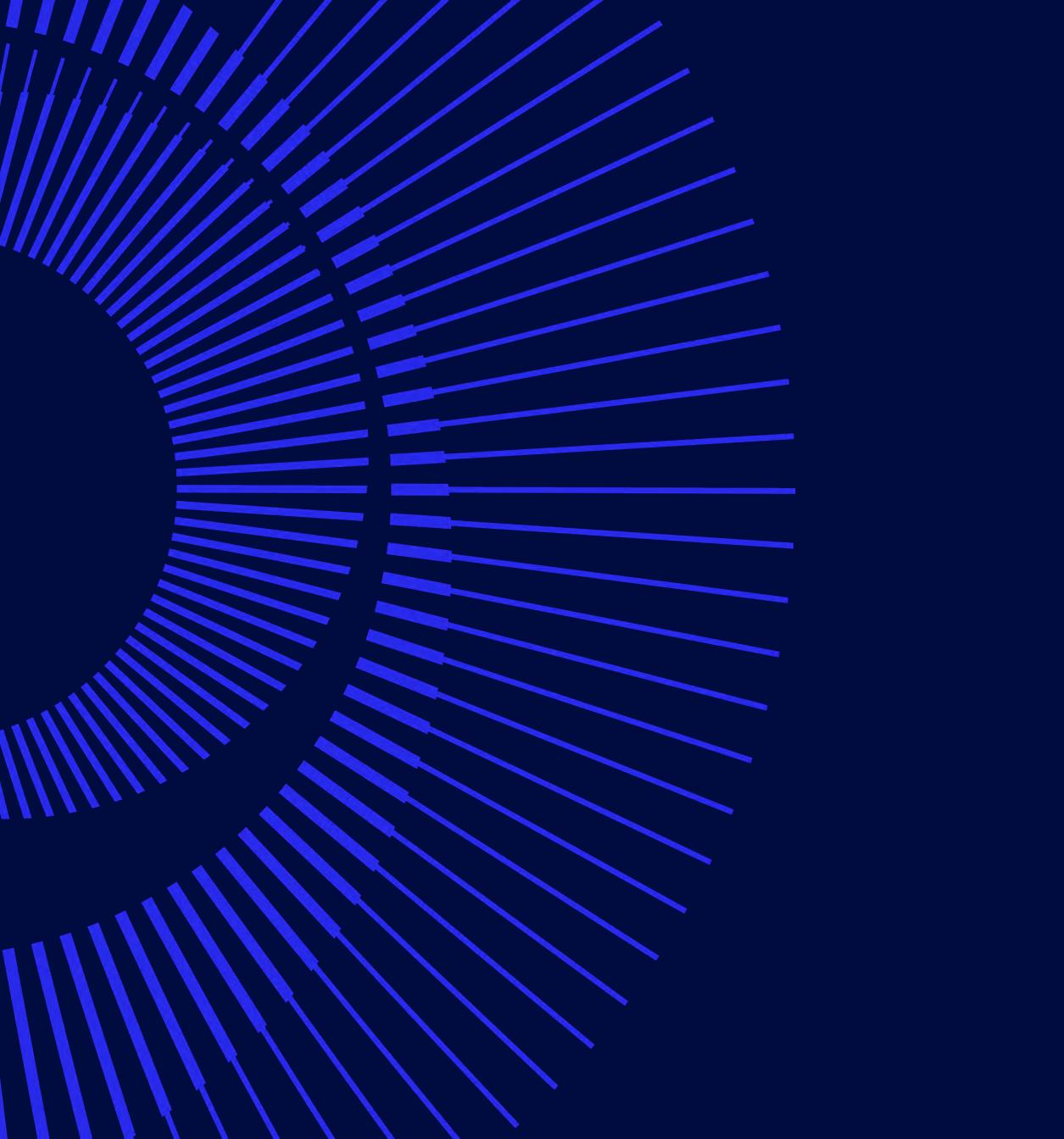
## **Products and solutions**



## Channel and go-to-market strategy



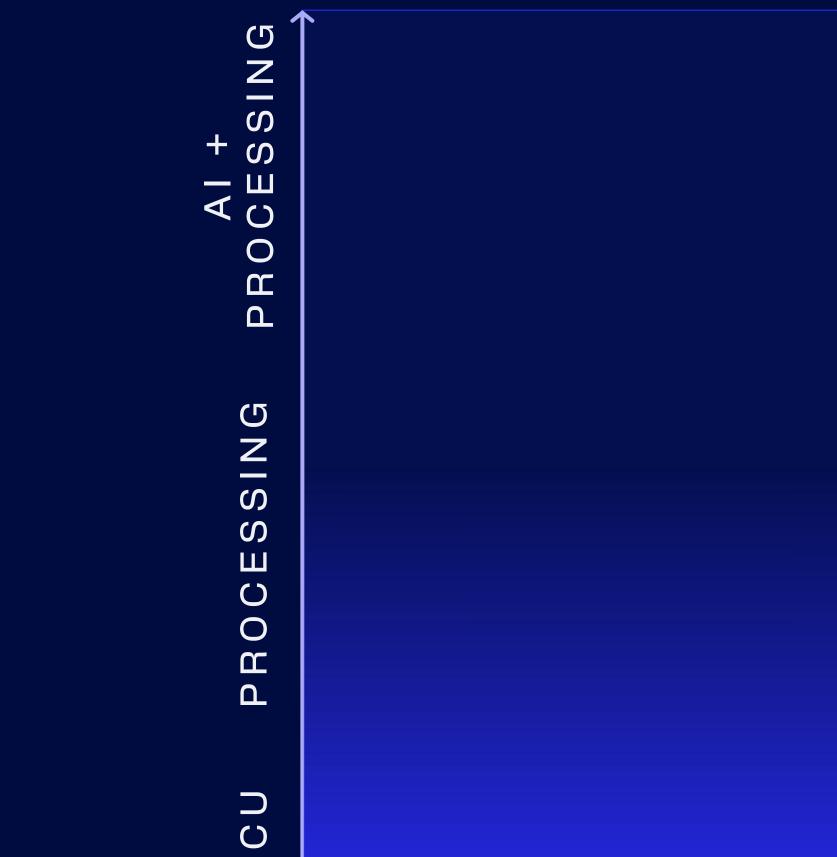
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### IOT - INDUSTRIAL

# Digital transformation drives revenue growth

A combination of third-party and internal estimates, as of Nov. 19, 2024.





#### iQ Series

#### Al and digital transformation drives market transition

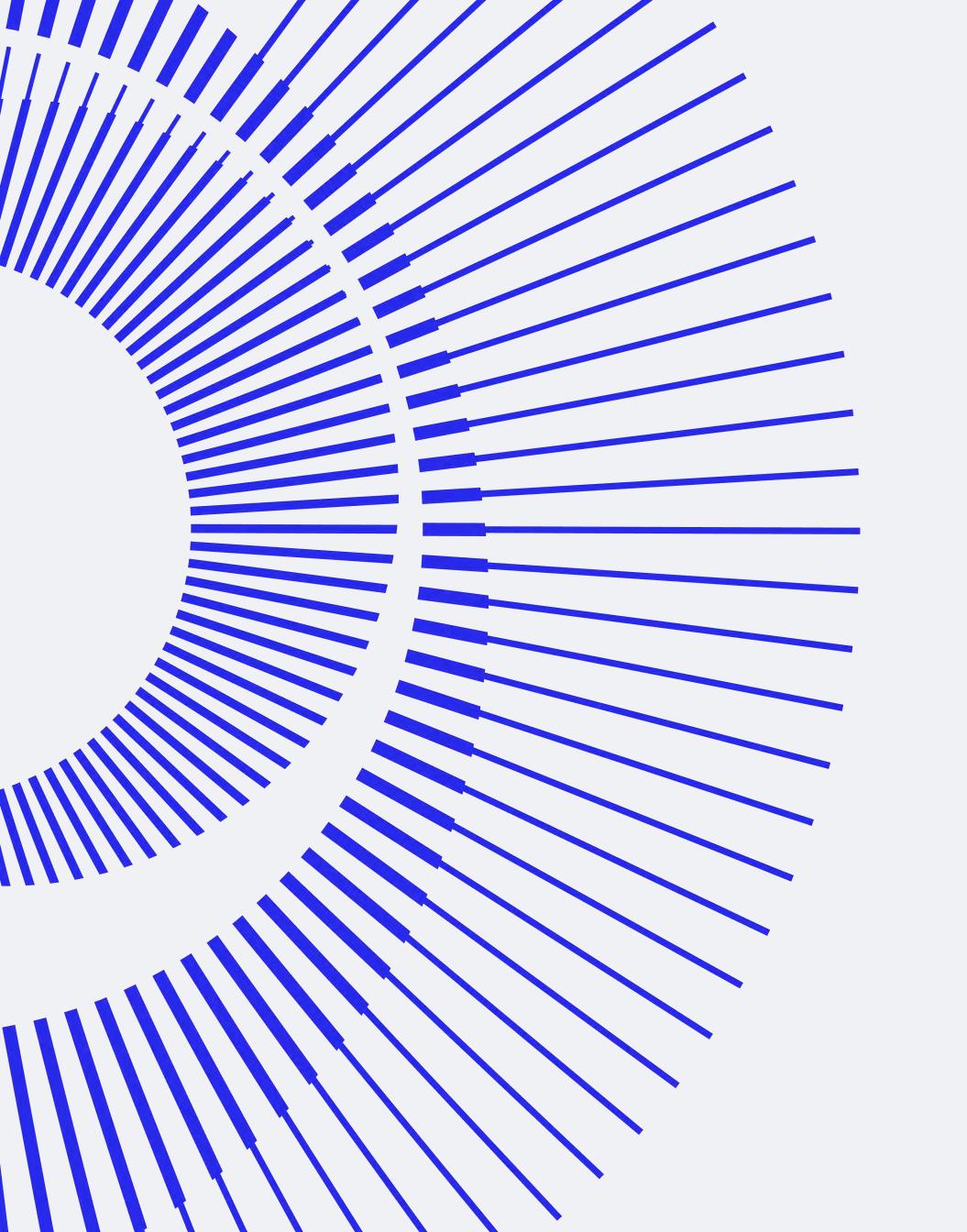
#### WIRED CONNECTIVITY

#### ALL CONNECTIVITY TECHNOLOGY

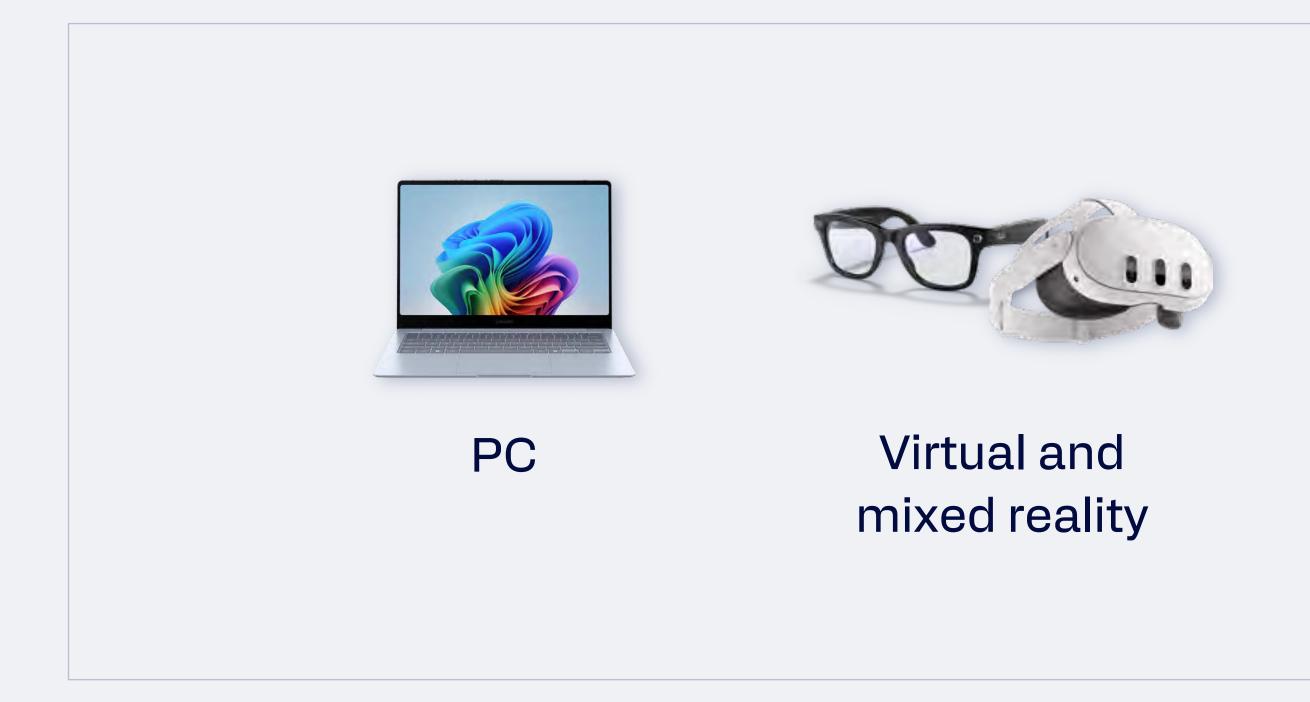
FIVE-YEAR METRICS

\$50B 2029 TAM

\$4B FY29 revenue target



## ΙΟΤ Revenue growth >2.5X over the next five years Multiple vectors of growth – accelerated by AI

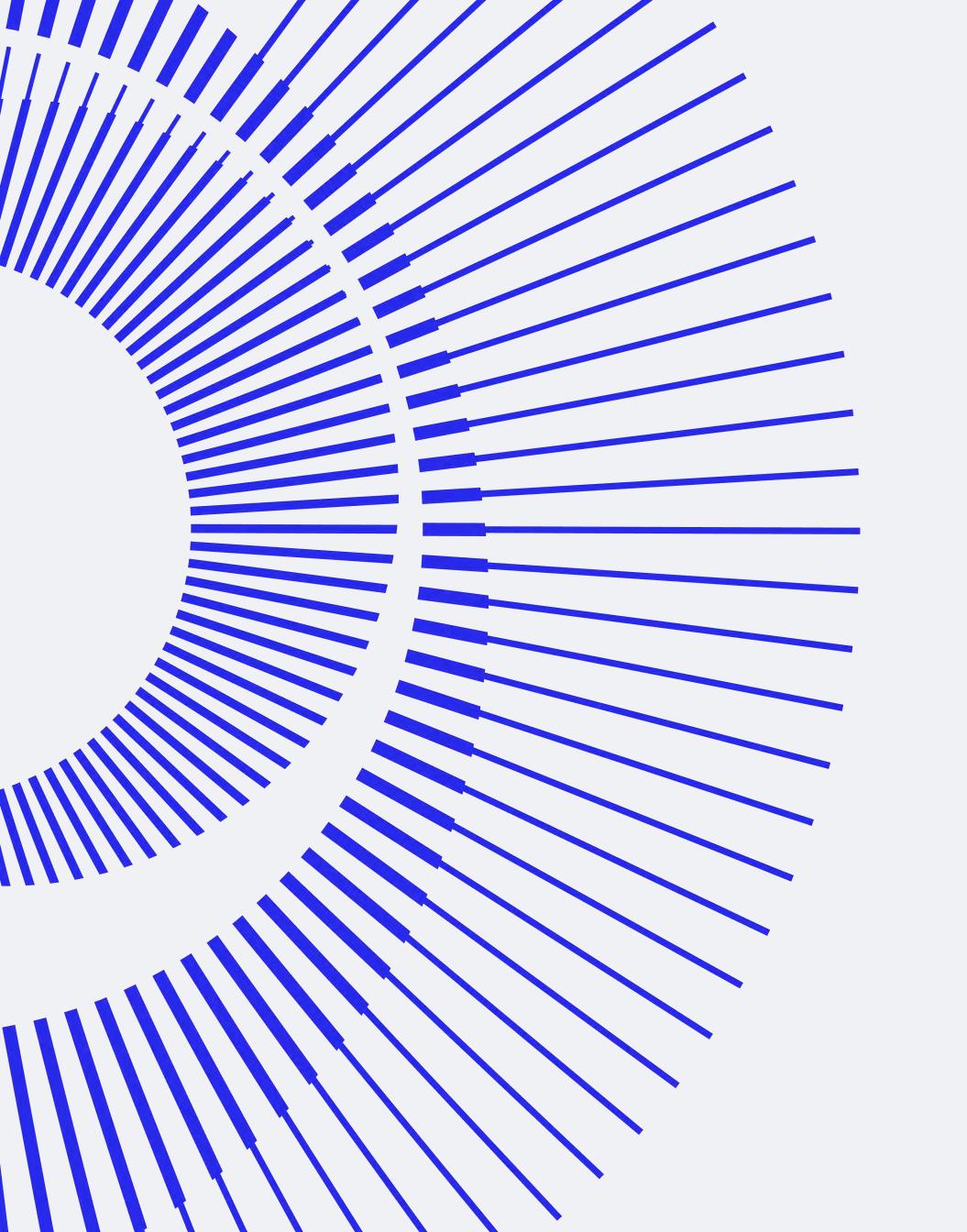


1. Includes tablets, headphones and smartwatches.

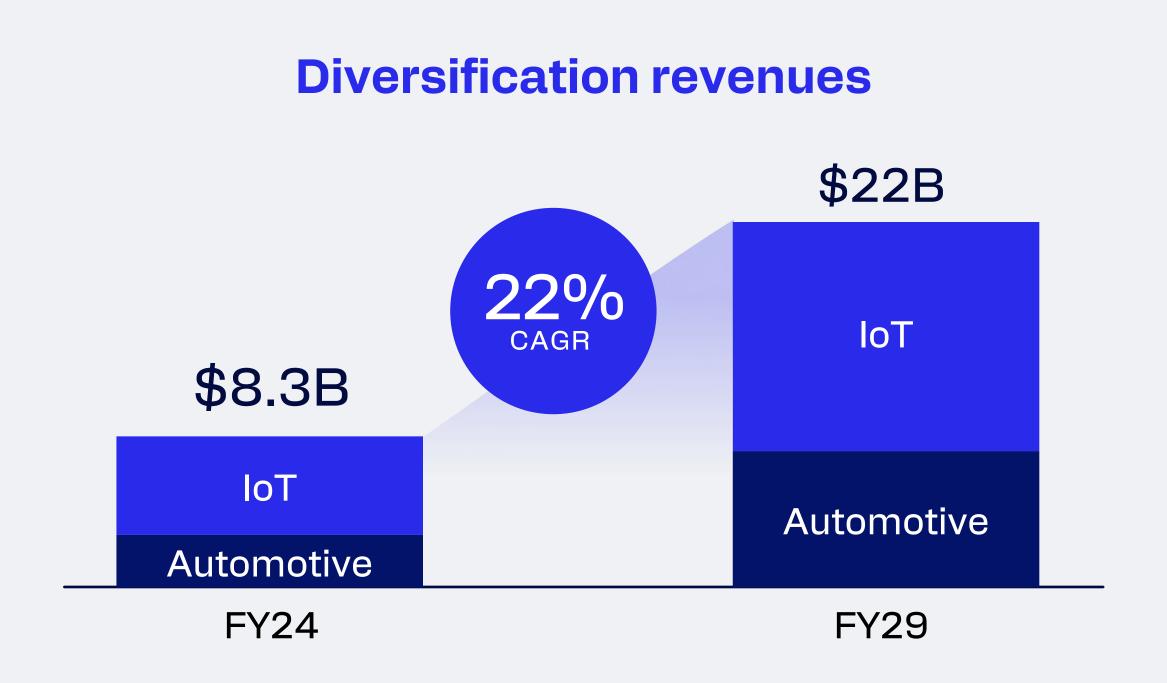


#### FY29 REVENUE TARGET

\$14B FY24 REVENUES **\$5.4B** 



# QCT IoT and Automotive revenue growth projections



1. Includes networking, tablets, headphones and smartwatches.

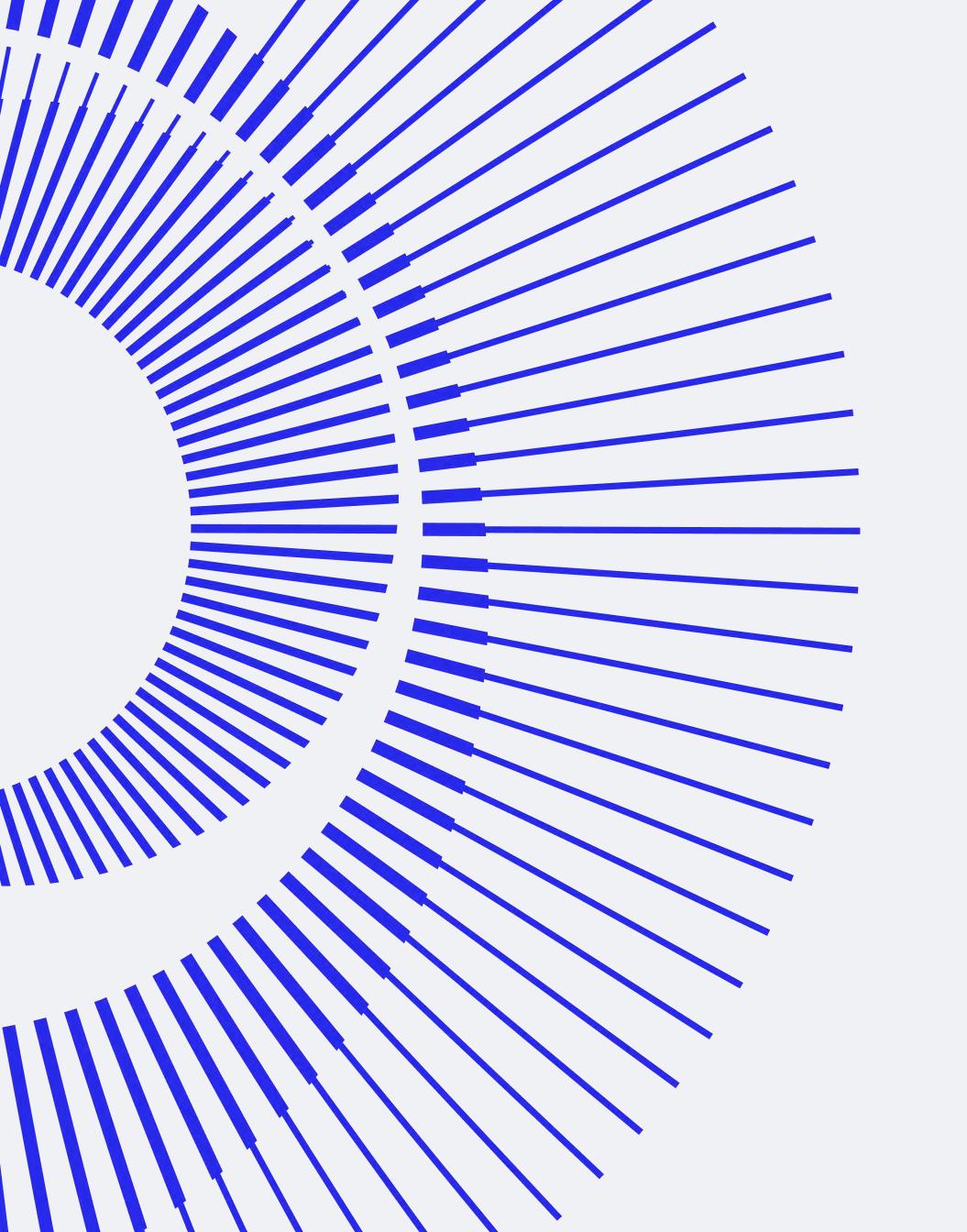
#### **FY29 revenue targets**

Automotive	<b>\$8B</b>
ΙοΤ	<b>\$14B</b>
PC	\$4B
XR	\$2B
Industrial	\$4B
Other <sup>1</sup>	\$4B

Automotive and IoT growth of >2.5X

Diversification growth far exceeds revenue scale of modem-only handset customer

Diversified growth across multiple verticals

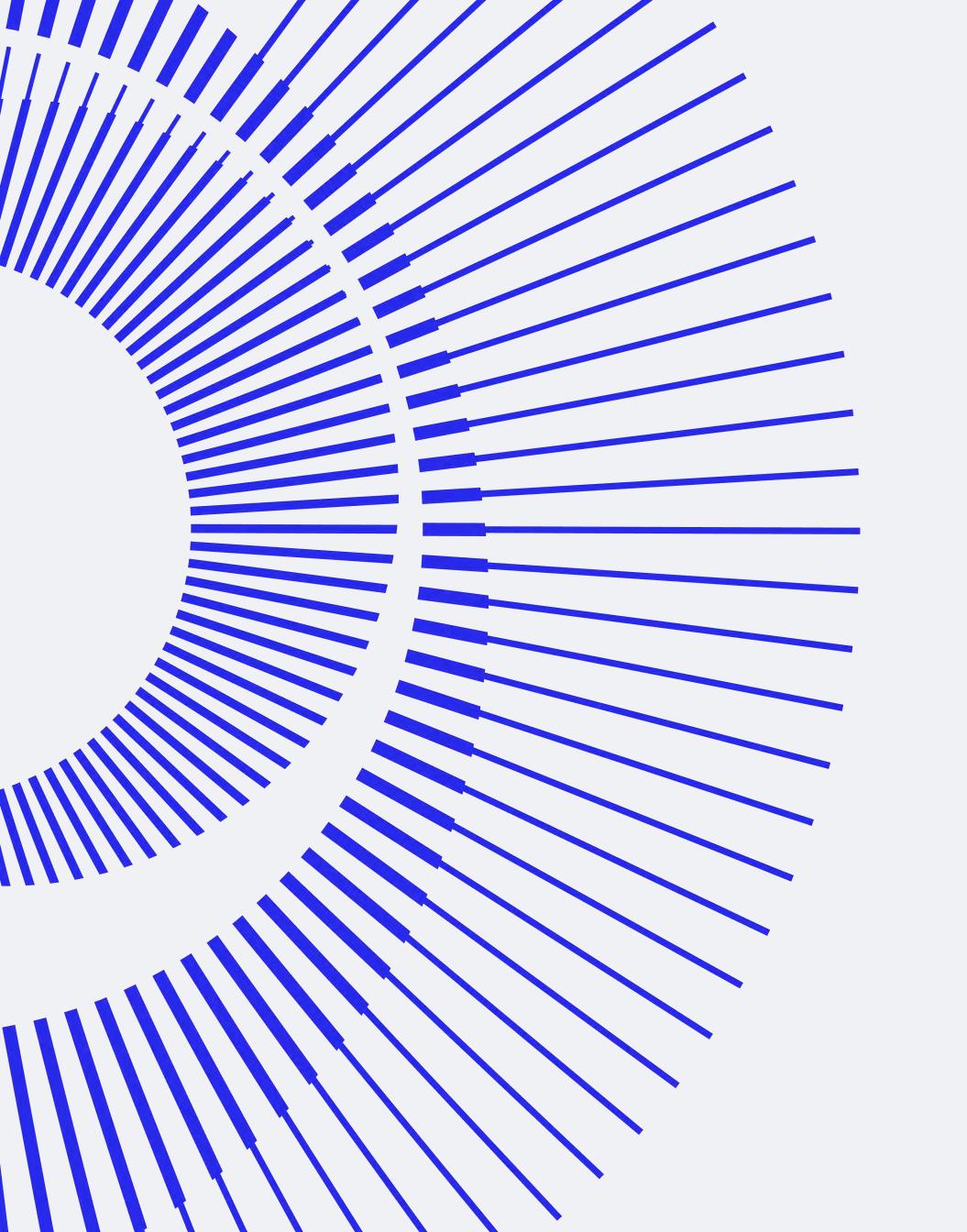


## NON-GAAP OPEX Optimizing investments to deliver growth and diversification



Non-GAAP Opex: Non-GAAP combined R&D and SG&A expenses





# Acquisition priorities

Focus on diversification and technology leadership



CUSTOM CPU TEAM

-/\rrii/er ADAS/ AD





IOT SOFTWARE

GESTURE RECOGNITION

23



## Capital structure



## **Strong balance sheet and** investment grade rating

A2/A Stable rating<sup>1</sup>

Grow dividends low to mid-single digits annually Incremental opportunistic buybacks with baseline of anti-dilutive

Moody's Ratings and S&P Global Ratings

2. Non-GAAP free cash flow: net cash provided by operating activities less capital expenditures



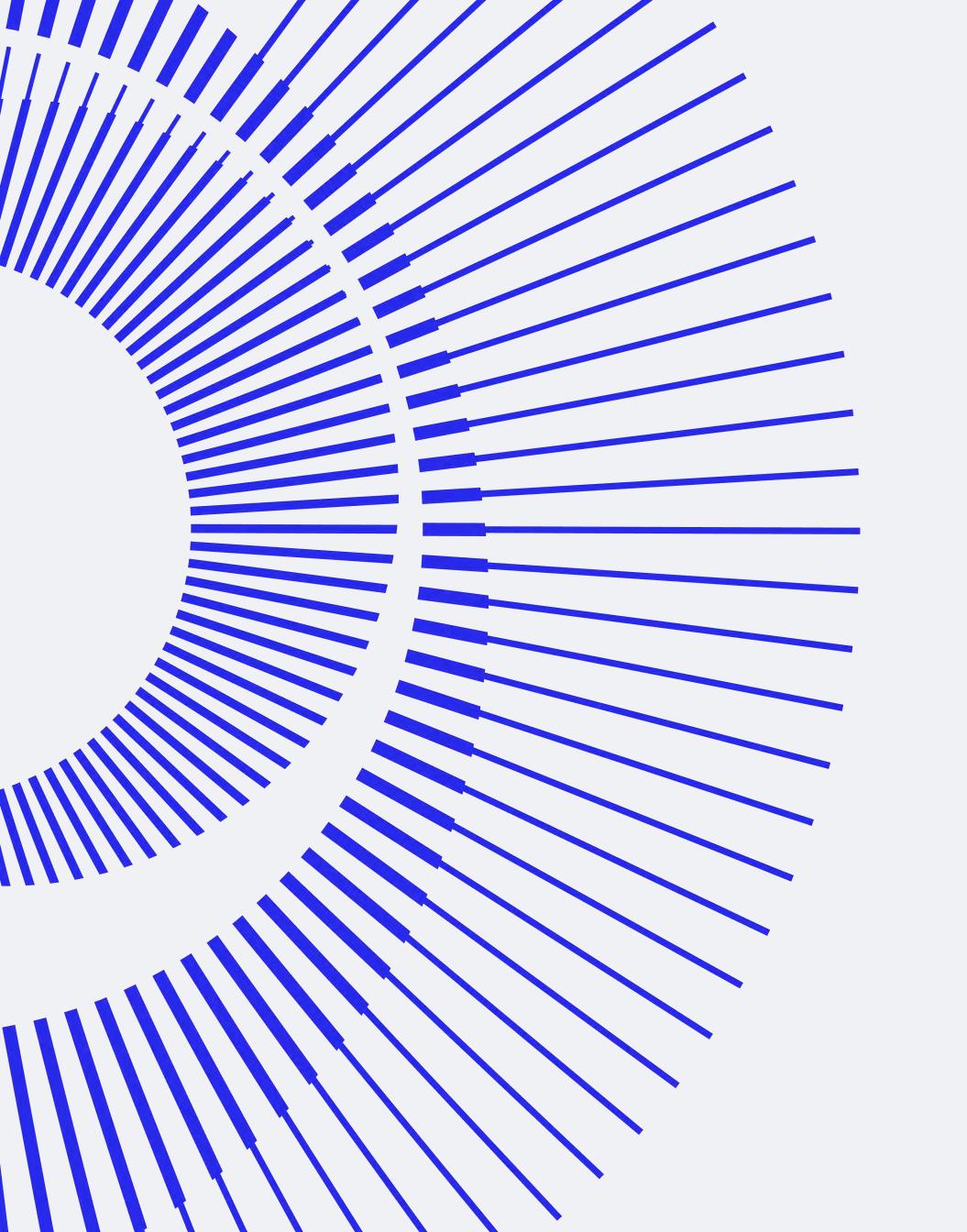
## **Capital return** policy

## Capital allocation

#### CUMULATIVE FIVE YEARS



**79%** of free cash flow<sup>2</sup> returned to stockholders in the last five years



## QCT IoT and Automotive organic revenue growth drives long-term diversification

Handsets

### FY24 revenues

Automotive and IoT

Handsets

2030 target

Automotive and IoT



# Keytakeaways

Executing on diversification strategy while maintaining operating discipline Positioned to benefit from increasing ondevice Al adoption across devices Strong cash generation and consistent capital return policy

Transformation redefines Qualcomm, diversifies customer base and accelerates growth

# Thank you

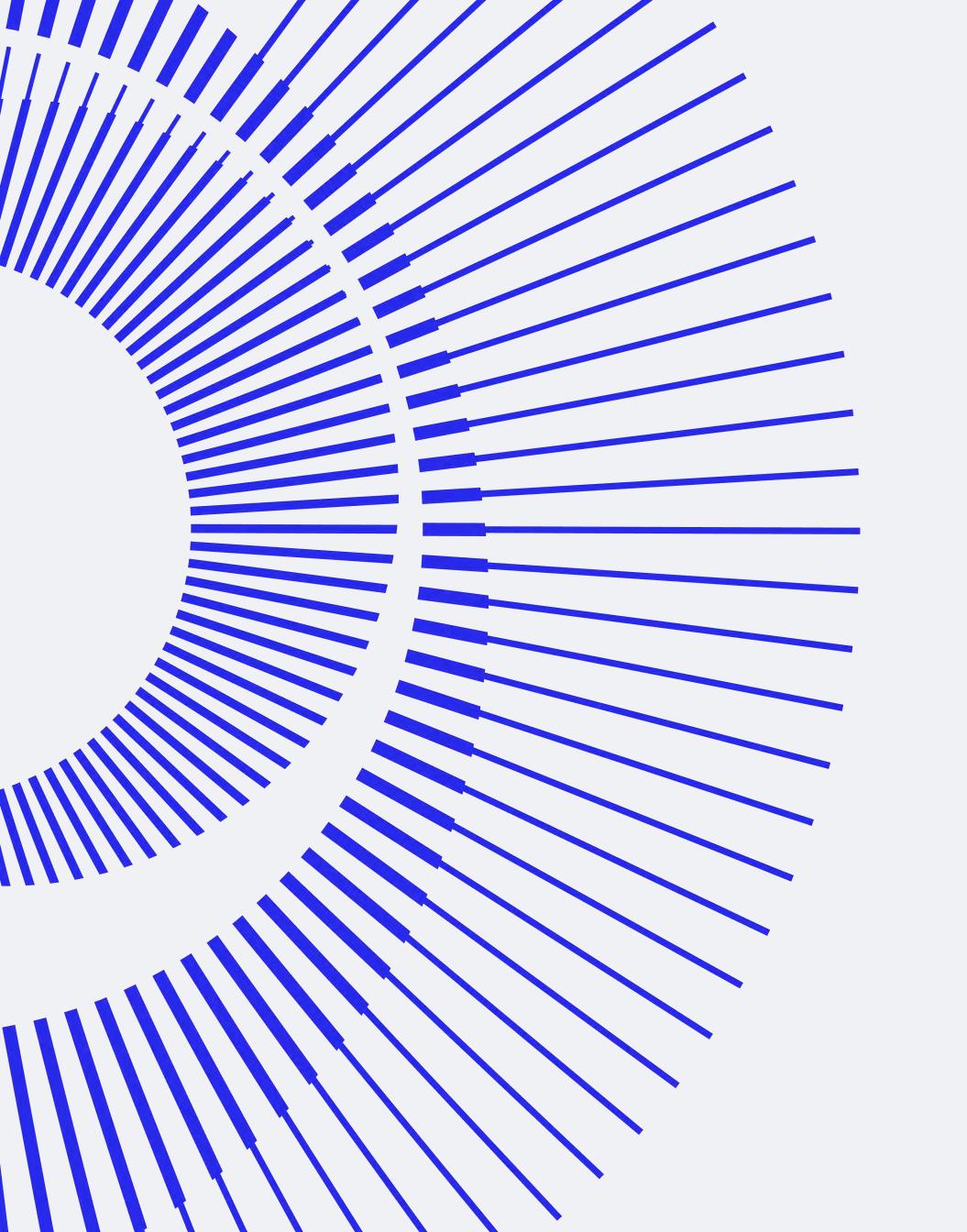
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## Qualcommodeled Investor Day 2024



## Note regarding use of Non-GAAP financial measures

This presentation includes "Non-GAAP financial measures" as that term is defined in Regulation G. The Non-GAAP financial measures presented herein should be considered in addition to, not as a substitute for or superior to, financial measures calculated in accordance with GAAP. In addition, "Non-GAAP" is not a term defined by GAAP, and as a result, our Non-GAAP financial measures might be different than similarly titled measures used by other companies. Reconciliations between GAAP and Non-GAAP financial measures are provided below. Non-GAAP results exclude the QSI (Qualcomm Strategic Initiatives) segment and certain share-based compensation, acquisition-related items, tax items and other items. Other items excluded from Non-GAAP results may include major restructuring-related costs, gains and losses driven by revaluation of our deferred compensation obligation recognized in operating expenses and the offsetting gains and losses on the related plan assets recognized in investment and other income (expenses), and certain asset impairments and awards and litigation settlements and/or damages. We define free cash flow as net cash provided by operating activities less capital expenditures and percentage return of our free cash flows to stockholders as cash paid to repurchase shares of our common stock and cash dividends paid divided by free cash flow.

## Reconciliations of GAAP to Non-GAAP financial measures

#### Fiscal 2024 results

(in millions, except per share data)	GAAP Results	Less QSI	Less Share-Based Compensation	Less Other Items <sup>1</sup>	Non-GAAP Results
Revenues	\$38,962	\$18	\$—	\$—	\$38,944
EBT	\$10,336	\$104	(\$2,648)	(\$407)	\$13,287
Net income (loss)	\$10,142	\$82	(\$1,986)	\$501	\$11,545
Diluted EPS	\$8.97	\$0.07	( <b>\$1.76</b> )	\$0.44	\$10.22
Diluted shares	1,130	1,130	1,130	1,130	1,130

1. Details of amounts included in the "Other Items" column for fiscal 2023 and 2024 are included in the Earnings Release can be located on the Investor Relations website under "Historical Financial Results" within Financial Info and SEC Filings. Sums may not equal totals due to rounding.

#### Fiscal 2023 results

(in millions, except per share data)	GAAP Results	Less QSI	Less Share-Based Compensation	Less Other Items <sup>1</sup>	Non-GAAP Results
Revenues	\$35,820	\$28	\$—	(\$40)	\$35,832
EBT	\$7,443	( <b>\$12</b> )	(\$2,484)	(\$1,131)	\$11,070
Net income (loss)	\$7,232	(\$10)	(\$2,021)	(\$223)	\$9,486
Diluted EPS	\$6.42	(\$0.01)	(\$1.80)	(\$0.20)	\$8.43
Diluted shares	1,126	1,126	1,126	1,126	1,126

#### Fiscal 2019 Results

(in millions, except per share data)	GAAP Results	Less QSI	Less Share-Based Compensation	Less Other Items <sup>1</sup>	Non-GAAP Results
Revenues	\$24,273	\$152	\$—	\$4,723	\$19,398
EBT	\$7,481	\$344	(\$1,037)	\$3,889	\$4,285
Net income (loss)	\$4,386	\$271	(\$853)	\$645	\$4,323
Diluted EPS	\$3.59	\$0.22	(\$0.70)	\$0.53	\$3.54
Diluted shares	1,220	1,220	1,220	1,220	1,220

1. Details of amounts included in the "Other Items" column for fiscal 2019 are included in the Earnings Release can be located on the Investor Relations website under "Historical Financial Results" within Financial Info & SEC Filings. Sums may not equal totals due to rounding.

## -GAAP Results

#### CAGR

(in millions, except percentages)	FY19 Revenue	FY24 Revenue	FY19 to FY24 Revenue CAGR	FY19 R&D	FY24 R&D	FY19 to FY24 R&D CAGR	FY19 SG&A	FY24 SG&A	FY19 to FY24 SG&A CAGR
GAAP	\$24,273	\$38,962	10%	\$5,398	\$8,893	11%	\$2,195	\$2,759	5%
Less QSI	152	18					13	12	
Less share-based compensation				725	2,024	3%	277	535	2%
Less other items <sup>1</sup>	4,723		(5%)	4	147		27	140	1%
Non-GAAP	\$19,398	\$38,944	15%	\$4,669	\$6,722	8%	\$1,878	\$2,072	2%

1. Other items excluded from revenue in fiscal 2019 included \$4.7 billion of licensing revenues resulting from a settlement with Apple and its contract manufacturers. Other items excluded from R&D and SG&A expenses in fiscal 2019 included \$31 million of acquisition-related charges. Other items excluded from R&D and SG&A expenses in fiscal 2024 included \$194 million of losses driven by the revaluation of our deferred compensation plan liabilities, \$76 million of restructuring and restructuring related charges.

#### **Operating expenses and revenues**

(in millions, except percentages)

#### GAAP

Less QSI

Less share-based compensation

Less other items<sup>1</sup>

#### Non-GAAP

- 2. Guidance as of November 19, 2024. Substantially all of the amounts excluded from our estimated long-term Non-GAAP Opex target relate to share-based compensation.

Long-term Opex targe Re	FY24 Opex	FY22 Opex
	\$11,652	\$10,764
	12	14
	2,559	2,000
	287	12
	\$8,794	\$8,738

1. Other items excluded from operating expenses in fiscal 2022 included \$150 million of acquisition-related charges, partially offset by \$138 million of gains driven by the revaluation of our deferred compensation plan liabilities. Other items excluded from operating expenses in fiscal 2024 included \$194 million of losses driven by the revaluation of our deferred compensation plan liabilities, \$76 million of acquisition-related charges and \$17 million of restructuring and restructuring-related charges.

#### get as a % **Revenues**<sup>2</sup>

27-29%

—

\_\_\_\_\_

\_\_\_\_\_

21-23%

#### Free cash flow and return of our free cash flow to stockhold

(in millions, except percentages)

Net cash provided by operating activities

Less capital expenditures

Free cash flow (Non-GAAP)

Cash paid to repurchase shares of our common stock

Cash dividends paid

Total return of capital to stockholders

Total return of capital to stockholders as a percentage of free cash flow

1. Other items excluded from R&D from fiscal 2020 through fiscal 2024 included \$171 million of losses driven by the revaluation of our deferred compensation plan liabilities and \$69 million of acquisition-related charges.

ckholders		<b>Cumulative R&amp;D</b>
	Sum of FY20 – FY24	(in millions)
	\$48,947	GAAP
	8,048	Less QSI
	\$40,899	Less share-based comp
	\$16,039	Less other items <sup>1</sup>
	16,251	
	\$32,290	Non-GAAP
w (Non-GAAP)	<b>79</b> %	

#### Sumo

ed compensation

of FY20 – FY24		
-	\$39,056	
-		
-	7,578	
-	240	
-	\$31,238	

#### **EBITDA and Adjusted EBITDA**

(in millions)

#### Net income

Plus income tax expense

Plus depreciation and amortization

Plus interest expense

Less investment and other income, net

Less discontinued operations, net of income taxes

EBITDA (Non-GAAP)

#### Adjustments

Less QSI operating (loss) income<sup>1</sup>

Less share-based compensation operating loss<sup>1</sup>

Less other items\*

Adjusted EBITDA (Non-GAAP)

1. As depreciation and amortization was \$0 for fiscal 2024 and 2019, EBITDA for the QSI segment and certain share-based compensation is equal to operating income.

2. Fiscal 2024 excludes losses driven by the revaluation of our deferred compensation plan liabilities recognized in operating expenses. Amounts in fiscal 2019, which were not material, continue to be included in Non-GAAP results.

3. Excludes depreciation and amortization.

FY24	FY19
\$10,142	\$4,386
226	3,095
1,706	1,401
697	627
962	441
32	_
\$11,777	\$9,068
(\$1)	\$113
(2,648)	(1,037)
(429)	4,296
\$14,855	\$5,696

(in millions)

\*Other items includes:

Revaluation of deferred compensation plan liabilities<sup>2</sup>

Restructuring and restructuring-related charges

Charge related to the settlement of a securities class action lawsuit

Acquisition-related charges<sup>3</sup>

Benefit resulting from a reduction to the 2019 European Commission fine

Apple settlement

2019 European Commission fine

Gain due to partial recovery of a fine

Benefit related to favorable legal settlement

Total other items

FY24	FY19
(\$197)	\$-
(120)	(211)
(75)	_
(40)	(15)
3	_
-	4,723
_	(275)
_	43
_	31
(\$429)	\$4,296