

 | 

The image features a dark background with a faint, grayscale image of the Golden Gate Bridge. The AMD logo is on the left, consisting of the letters 'AMD' in a bold, sans-serif font followed by a square icon with a white triangle pointing right. A vertical line separates this from the 'Si5ma' logo on the right, which is in a serif font with the number '5' highlighted in red.

Securities Analysis

Current Price: US\$ 78.09 Target Price: \$ 95.97

Upside: 21%

Christopher
Yeghiayan

Ravi
Chailertborisuth

Kaung
Thiha

Photography by Ra

Si5ma RECOMMENDATION: "AMD" is a "BUY"

SUMMARY

SALES

INDUSTRY

5FORCES

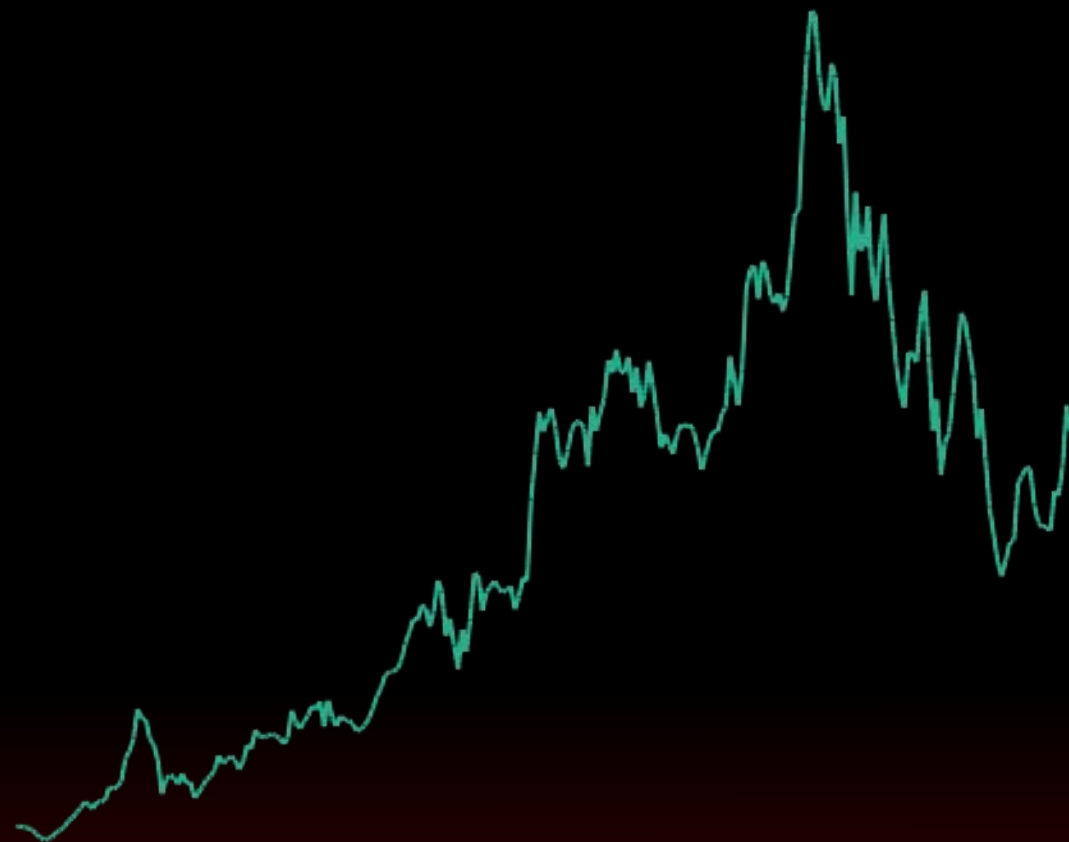
INVESTMENT

FINANCIALS

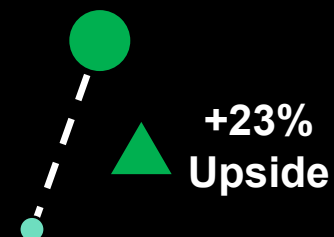
VALUATIONS

ESG

RISKS



\$96
TARGET PRICE



\$78
Feb 24th 2023

SUMMARY

SALES

INDUSTRY

5FORCES

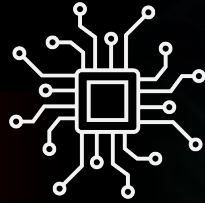
INVESTMENT

FINANCIALS

VALUATIONS

ESG

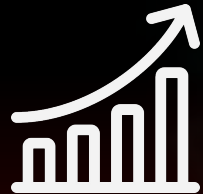
RISKS



Capturing growth in HPC & IoT adoption across a range of industries



Focus on product differentiation to sharpen competitive edge



Positioned to capitalize on long-term economic trends

Kaung

SUMMARY

SALES

INDUSTRY

P5F

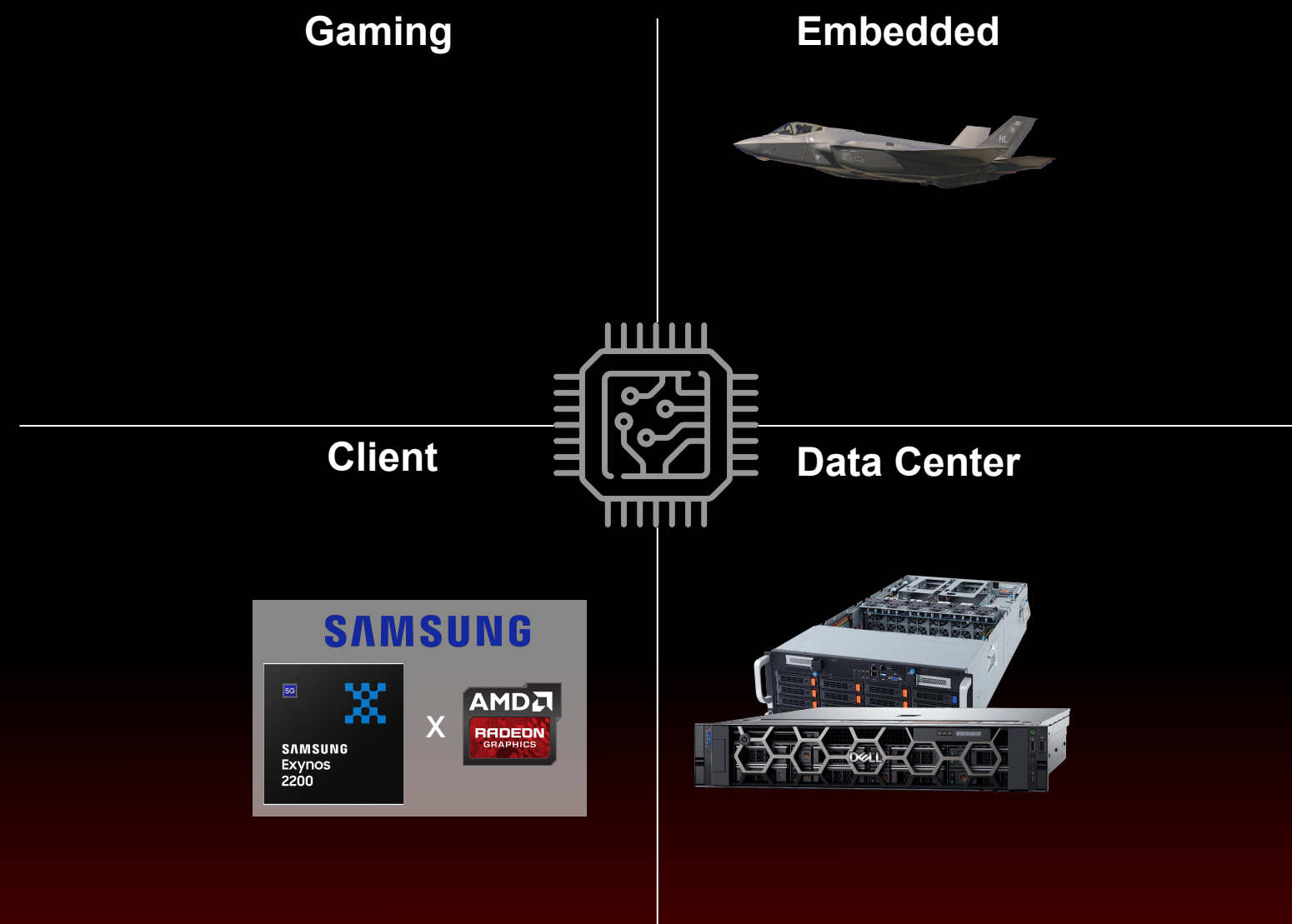
INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



Source: 5Sigma Analysis, Company Data

2022A Sales Breakdown

SUMMARY

SALES

INDUSTRY

5FORCES

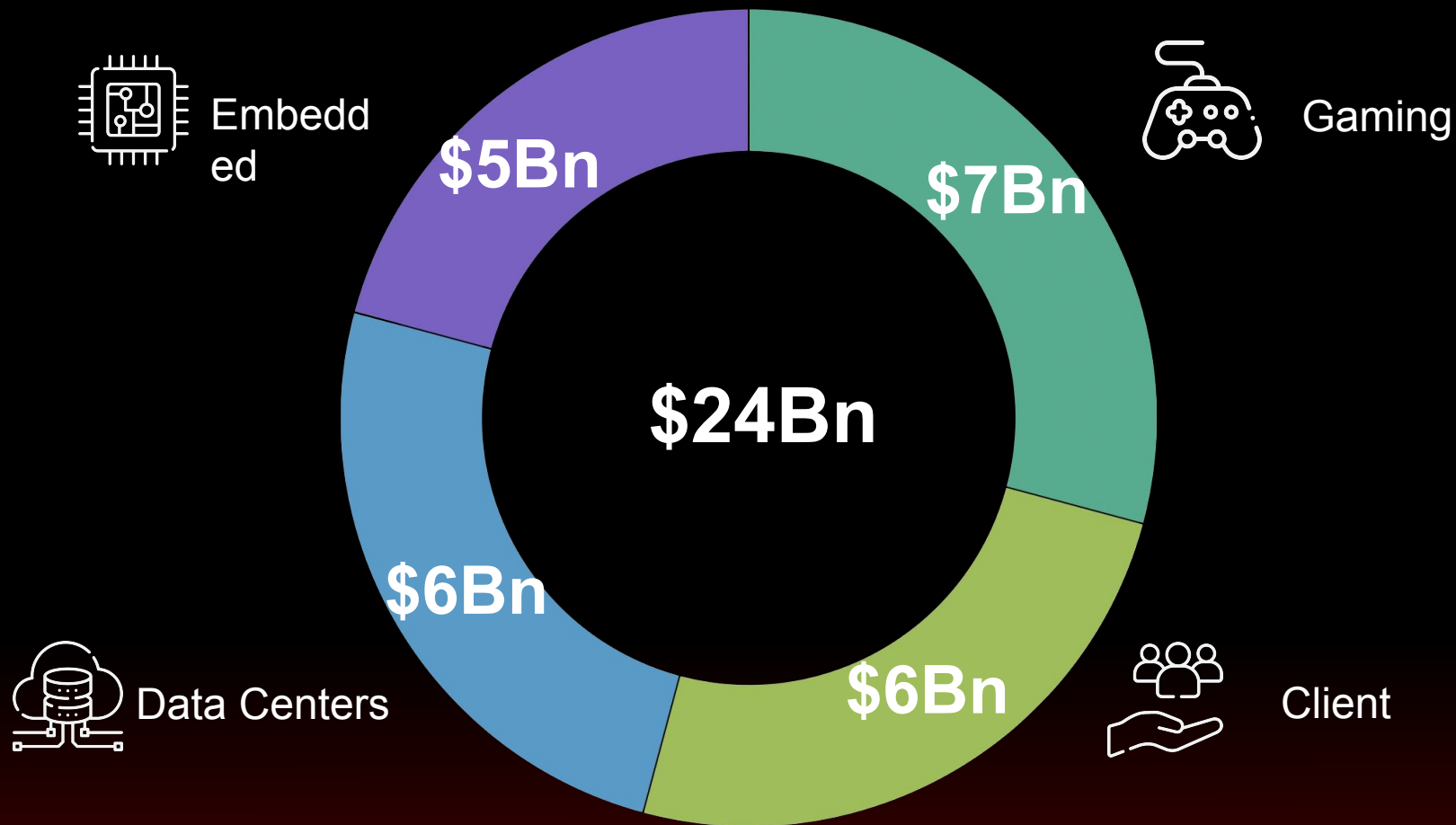
INVESTMENT

FINANCIALS

VALUATIONS

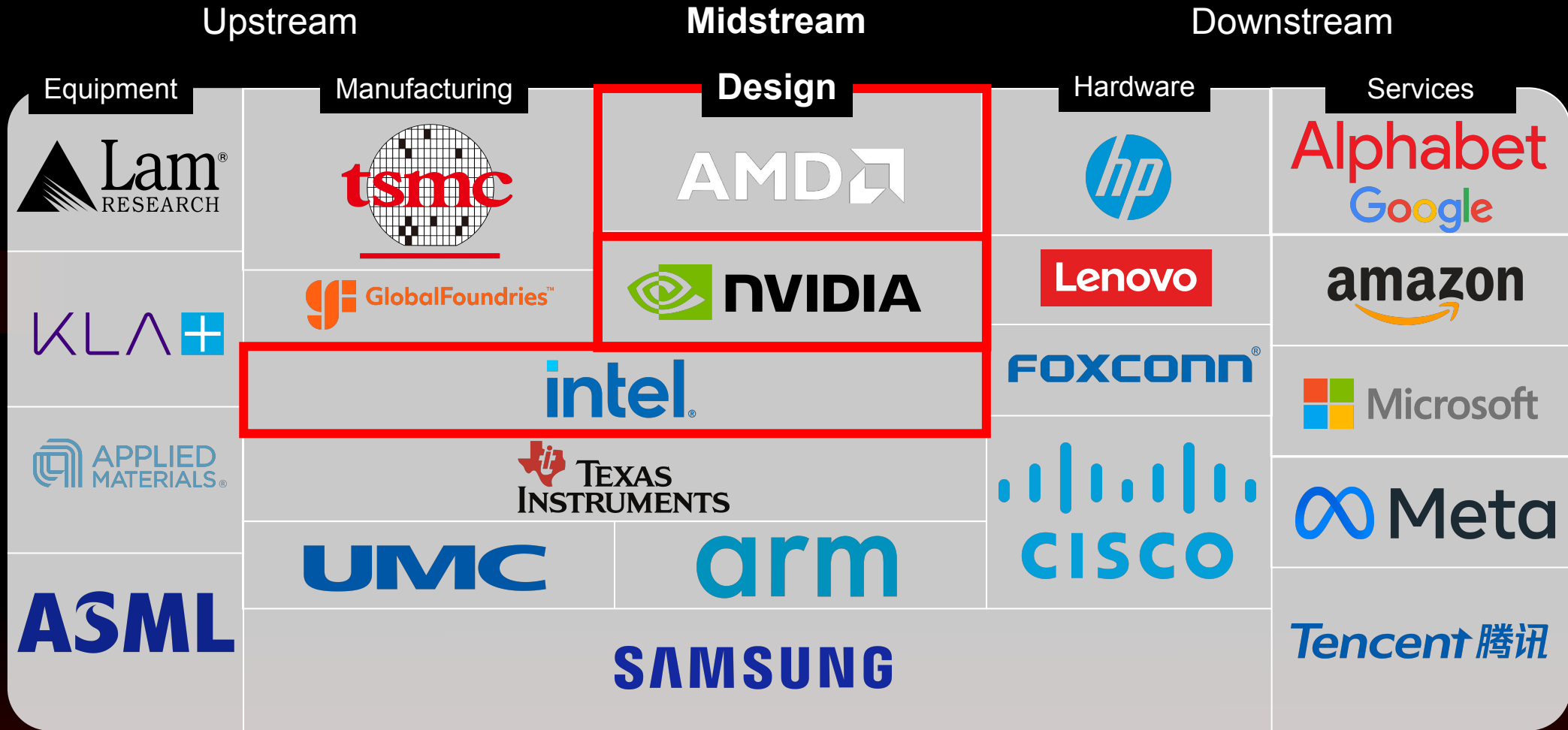
ESG

RISKS



Source: 5Sigma Analysis, Company Data

- SUMMARY
- SALES
- INDUSTRY**
- 5FORCES
- INVESTMENT
- FINANCIALS
- VALUATIONS
- ESG
- RISKS



SUMMARY

SALES

INDUSTRY

5FORCES

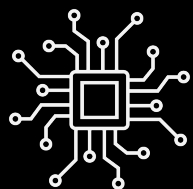
INVESTMENT

FINANCIALS

VALUATIONS

ESG

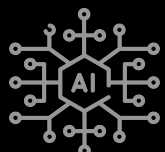
RISKS



Connected World



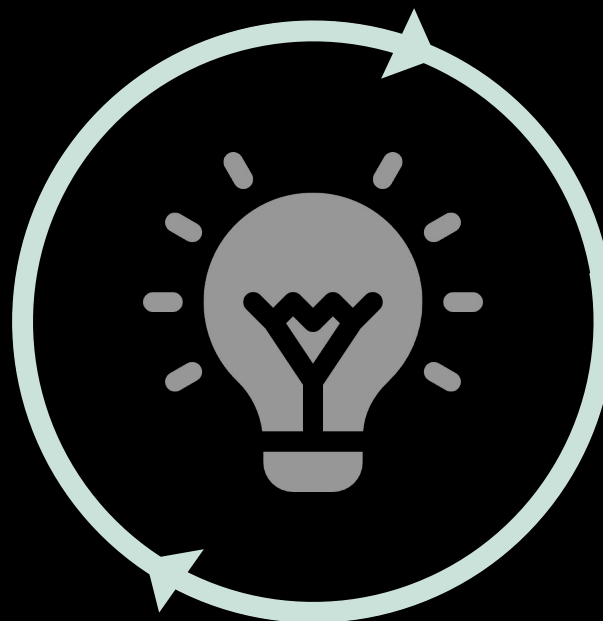
Cloud Services



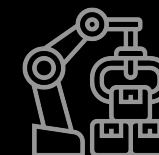
Artificial Intelligence

5G

High speed Connectivity



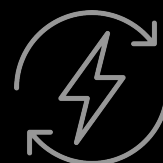
Socio-Economic Development



Automation



Health Tech



Renewable Energy



Energy Transition



Smart-Mobility

SUMMARY

SALES

INDUSTRY

5FORCES





INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS

Porter's 5 Forces Out of 50 pts Highest = 10 pts, Lowest = 0 pts	AMD 	 NVIDIA  intel  TEXAS INSTRUMENTS
AMD vs. Customers	10	5
AMD vs. Suppliers	10	5
Threat of New Entrants	1	5
Threat of Substitute	7	5
Competition in Industry	5	5
Total Score	33	25

SUMMARY

SALES

INDUSTRY

5FORCES

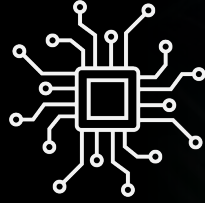
INVESTMENT

FINANCIALS

VALUATIONS

ESG

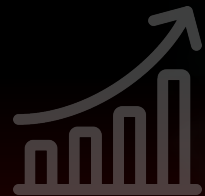
RISKS



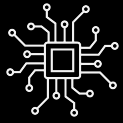
Capturing growth in HPC & IoT adoption across a range of industries



Focus on product differentiation to sharpen competitive edge



Positioned to capitalize on long-term economic trends



SUMMARY

SALES

INDUSTRY

5FORCES

INVESTMENT

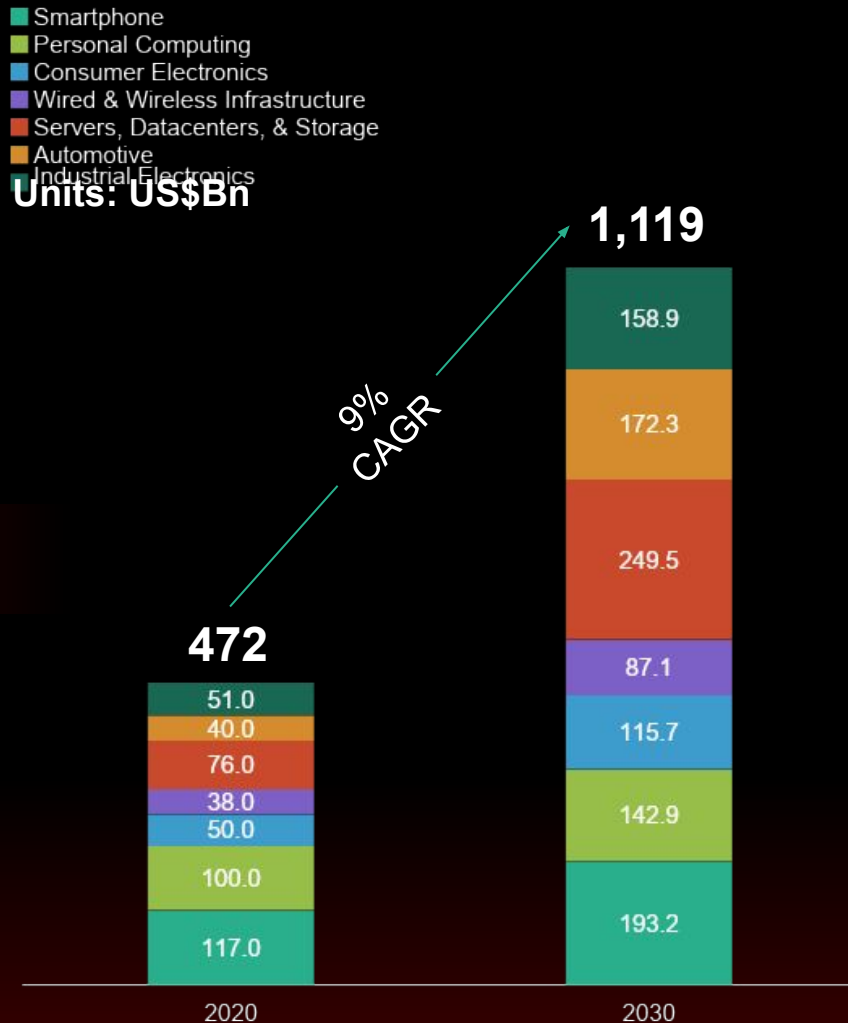
FINANCIALS

VALUATIONS

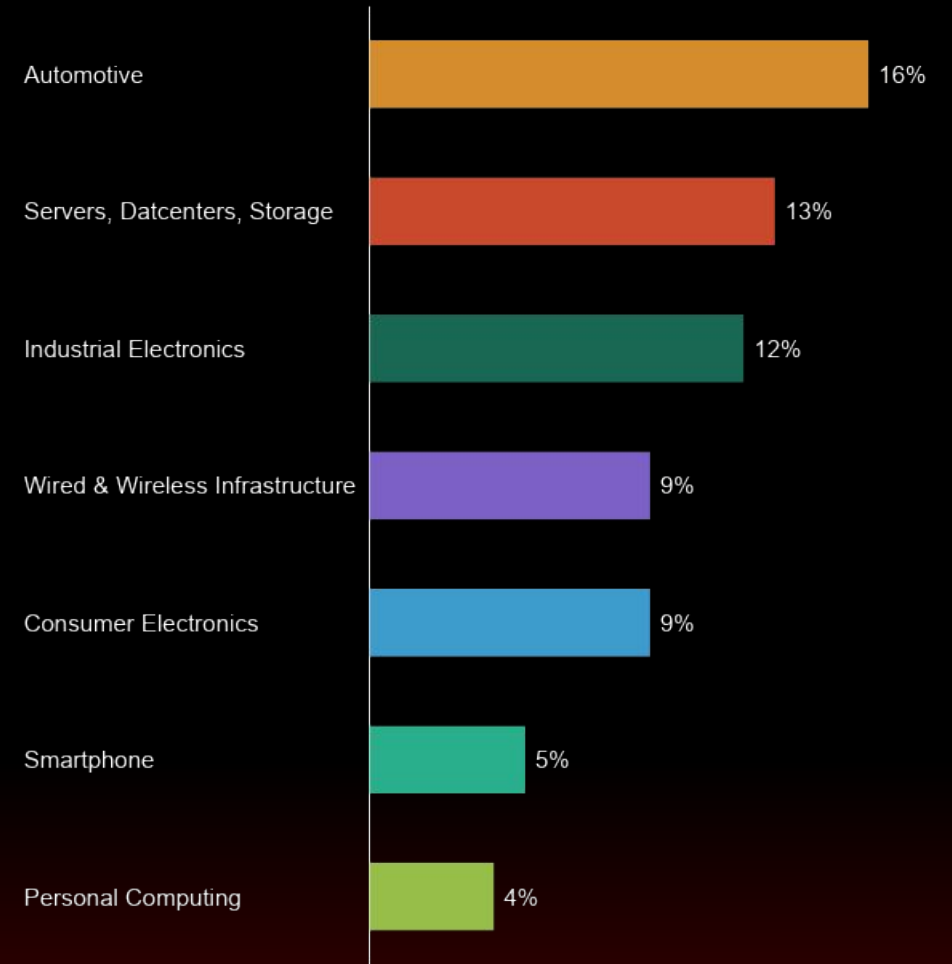
ESG

RISKS

Semiconductor market growth between 2020-2030



Semiconductor market growth rate % between 2020-2030



SUMMARY

SALES

INDUSTRY

5FORCES

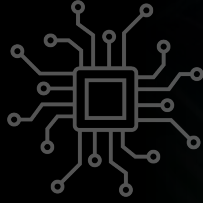
INVESTMENT

FINANCIALS

VALUATIONS

ESG

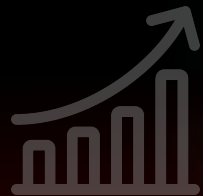
RISKS



Capturing growth in HPC & IoT adoption across a range of industries



Focus on product differentiation to sharpen competitive edge



Positioned to capitalize on long-term economic trends



SUMMARY

SALES

INDUSTRY

P5F

INVESTMENT

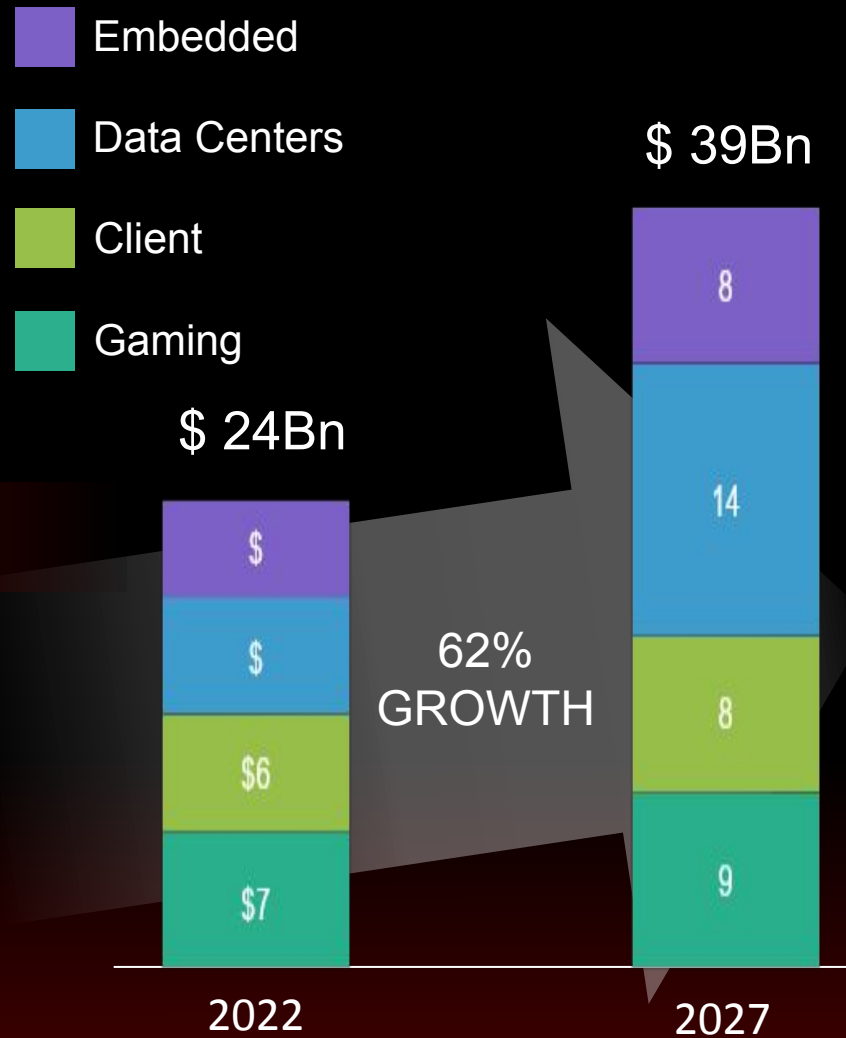
FINANCIALS

VALUATIONS

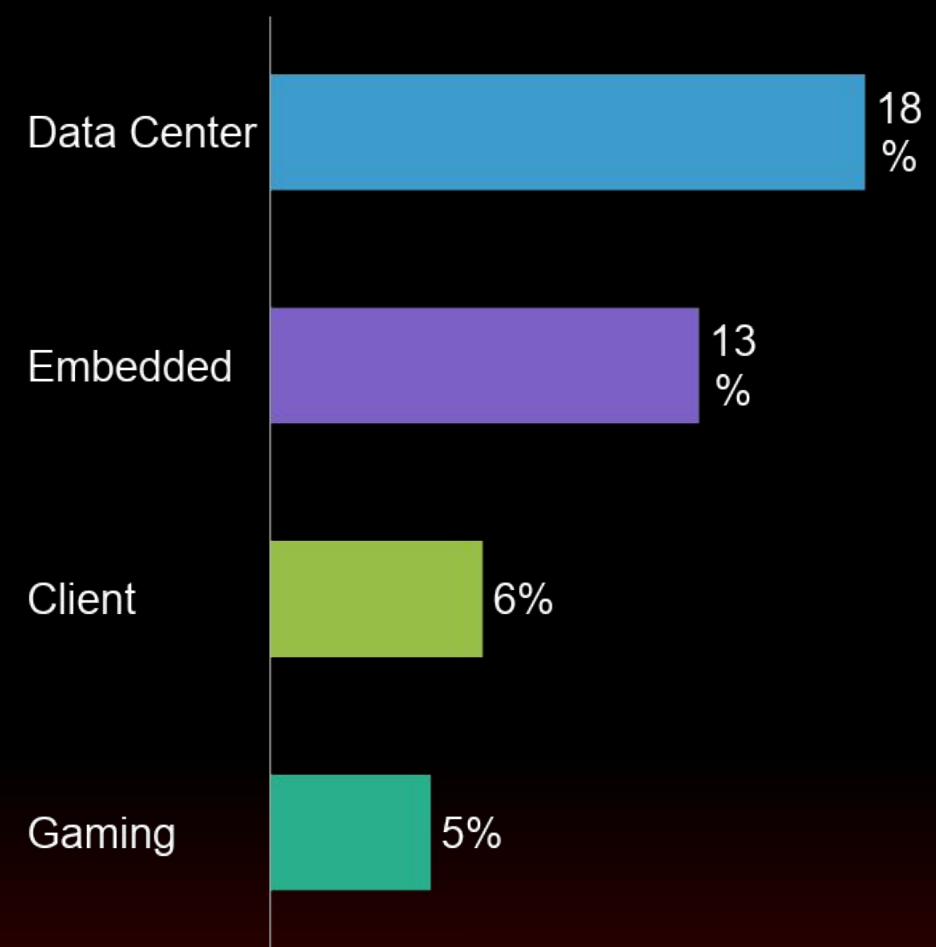
ESG

RISKS

AMD Sales Forecast (2022-2027)



AMD Sales Segment CAGR (2022-2027)



Source: 5Sigma Analysis, Company Data



SUMMARY

SALES

INDUSTRY

5FORCES

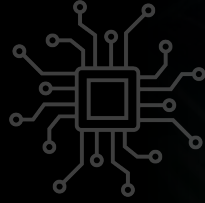
INVESTMENT

FINANCIALS

VALUATIONS

ESG

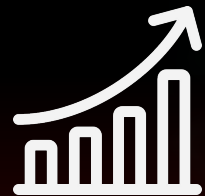
RISKS



Capturing growth in HPC & IoT adoption across a range of industries



Focus on product differentiation to sharpen competitive edge



Positioned to capitalize on long-term economic trends



POSITIONED TO CAPITALIZE ON LONG-TERM ECONOMIC TRENDS

2021 sales from region

SUMMARY

SALES

INDUSTRY

P5F

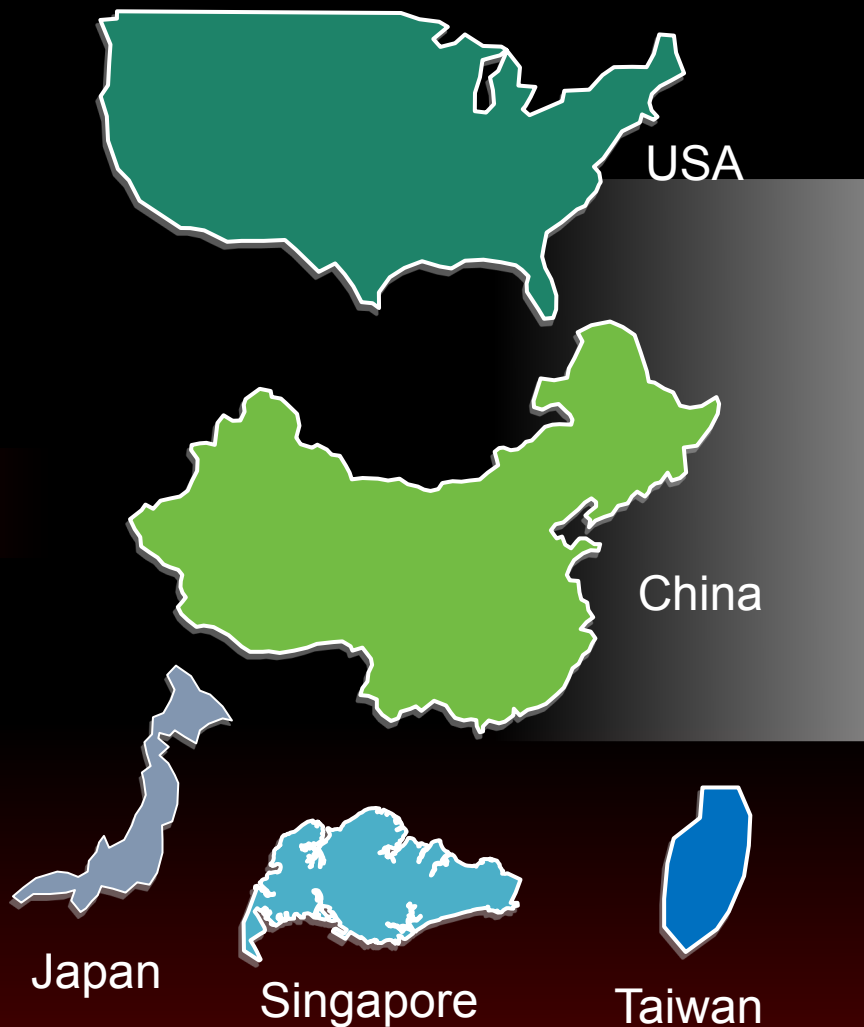
INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



Source: 5Sigma Analysis, Company Data, ASML



SUMMARY

SALES

INDUSTRY

P5F

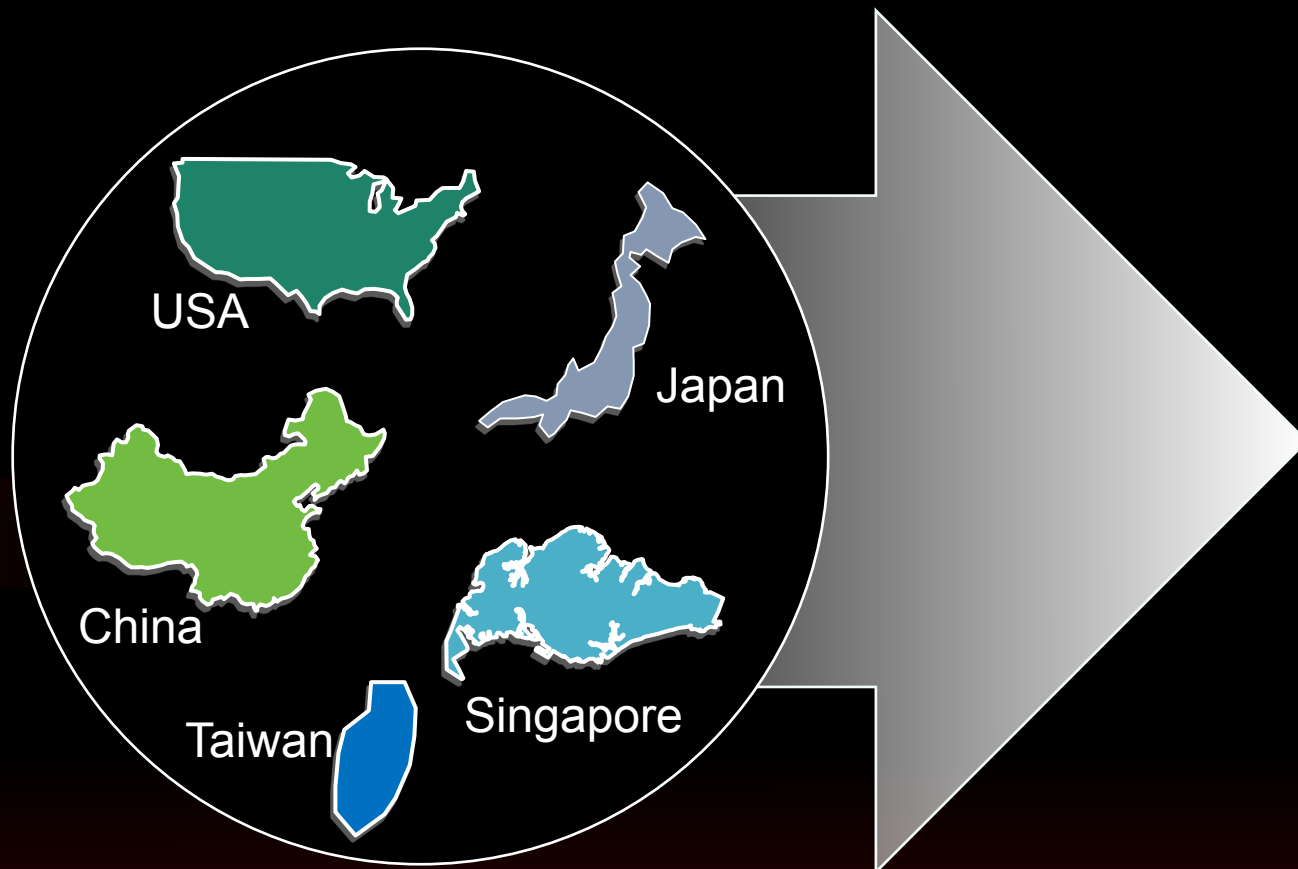
INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



\$ 100+

BILLION

COMMITTED CAPITAL

AS OF 2023

SUMMARY

SALES

INDUSTRY

P5F

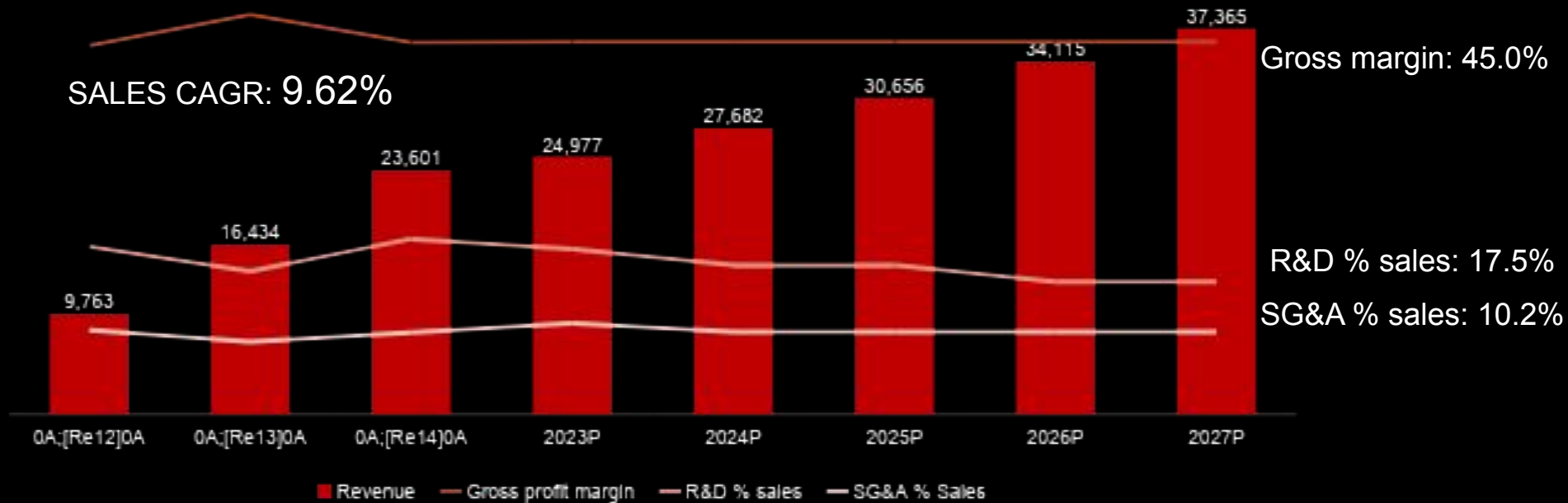
INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



Revenue Growth

		2.8%	4.3%	5.8%	7.3%	8.8%
GPM	50%	\$3,897	\$3,839	\$3,839	\$3,897	\$4,013
	47%	\$3,271	\$3,222	\$3,222	\$3,271	\$3,368
	45%	\$3,271	\$3,222	\$3,222	\$3,271	\$3,368
	43%	\$2,436	\$2,400	\$2,400	\$2,436	\$2,509
	40%	\$1,810	\$1,783	\$1,783	\$1,810	\$1,865
	38%	\$1,393	\$1,371	\$1,371	\$1,393	\$1,435

DCF TARGET: \$85.83

Cost of Debt

Cost of Equity

WACC

TGR

2.1%

8.7%

8.57%

3.0%

SUMMARY

SALES

INDUSTRY

P5F

INVESTMENT

FINANCIALS

VALUATION

ESG

RISKS

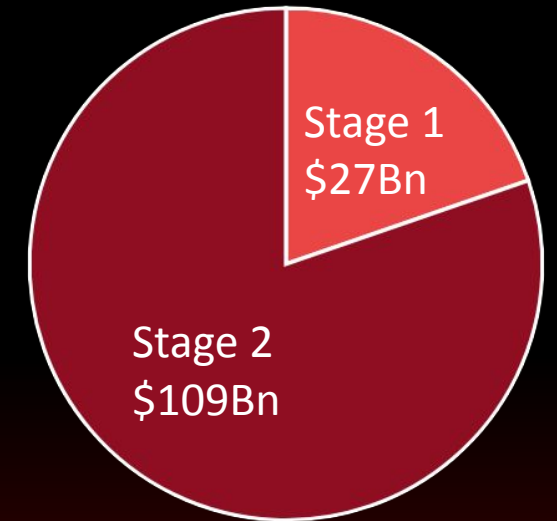
**Upside:
10%**

Terminal Growth

	2.5%	2.75%	3.0%	3.25%	3.5%
8.07%	\$87	\$91	\$94	\$99	\$103
8.32%	\$83	\$87	\$90	\$94	\$98
8.57%	\$80	\$83	\$86	\$89	\$93
8.82%	\$77	\$79	\$82	\$85	\$88
9.07%	\$74	\$76	\$79	\$81	\$84

WACC

Enterprise Value



Stage 1 Stage 2

SUMMARY

SALES

INDUSTRY

P5F

INVESTMENT

FINANCIALS

VALUATION

ESG

RISKS

Enterprise Value/EBITDA

Price/Earnings

Price/Sales

Enterprise Value/Sales

Price/Free Cashflow

Current Share
Price: \$78

\$85

+8%

\$101

+30%

\$107

+37%

\$113

+46%

\$124

+59%

UPSIDE: 36%

DCF TARGET: \$85.83

+

COMPS: \$106.10

\$ 95.97
Per Share

SUMMARY

SALES

INDUSTRY

P5F

INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS

PITCH

SALES

INDUSTRY

P5F

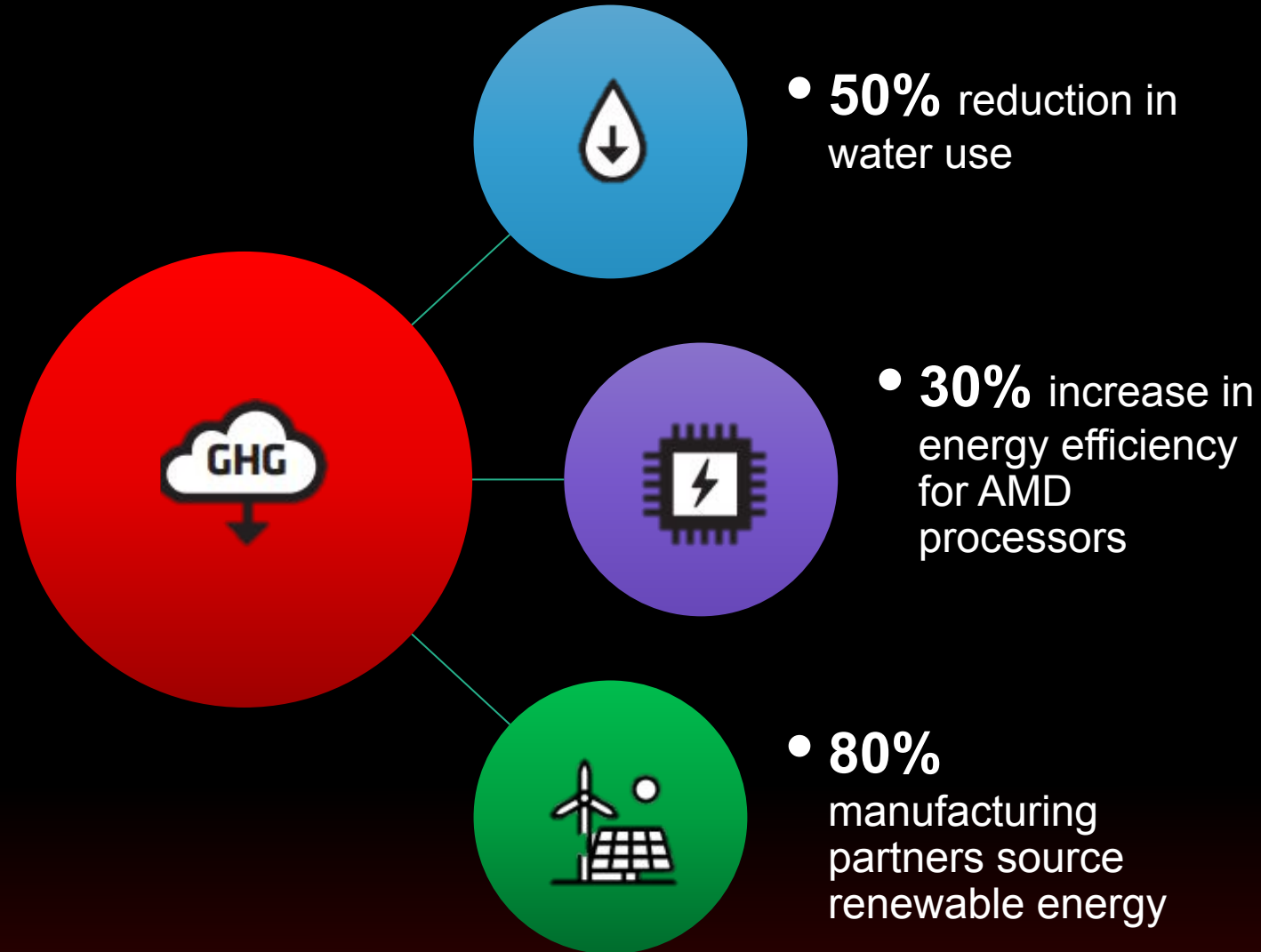
INVESTMENT

FINANCIALS

VALUATION

ESG

RISKS



PITCH

SALES

INDUSTRY

P5F

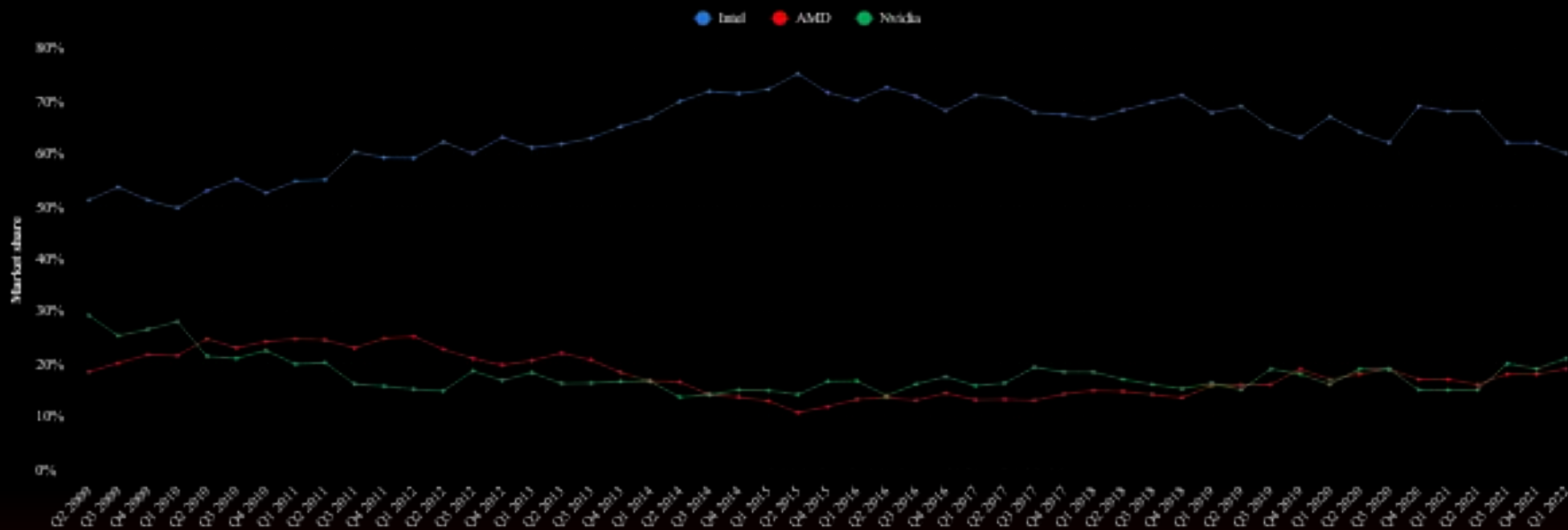
INVESTMENT

FINANCIALS

VALUATION

ESG

RISKS



PITCH

SALES

INDUSTRY

P5F

INVESTMENT

FINANCIALS

VALUATION

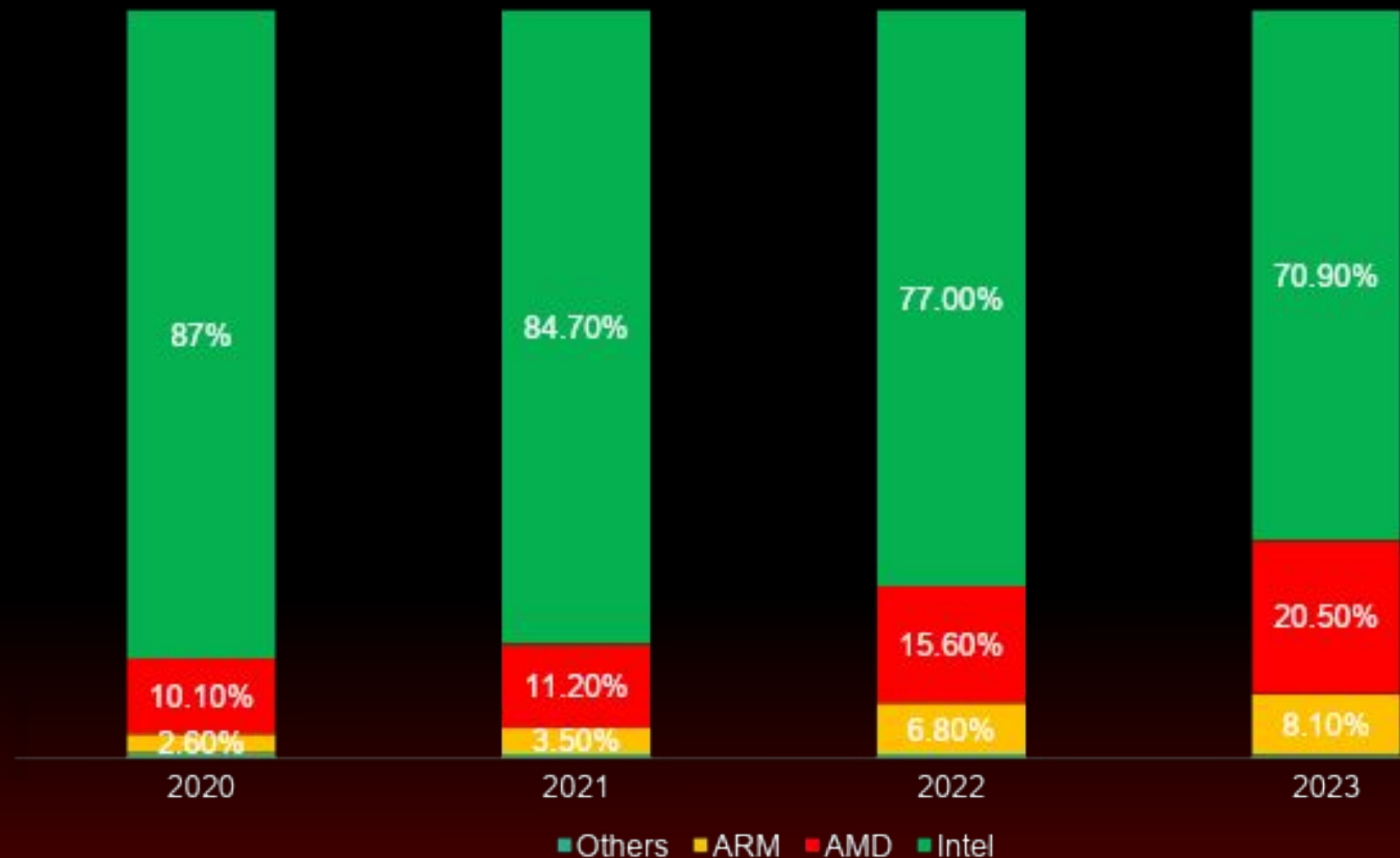
ESG

RISKS



*NOT TO SCALE

Total Market share for CPUs



PITCH

SALES

INDUSTRY

P5F

INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS

■ Others ■ ARM ■ AMD ■ Intel

Source: 5Sigma Analysis, Company Data

Si5ma RECOMMENDATION: "AMD" is a "BUY"

SUMMARY

SALES

INDUSTRY

P5F

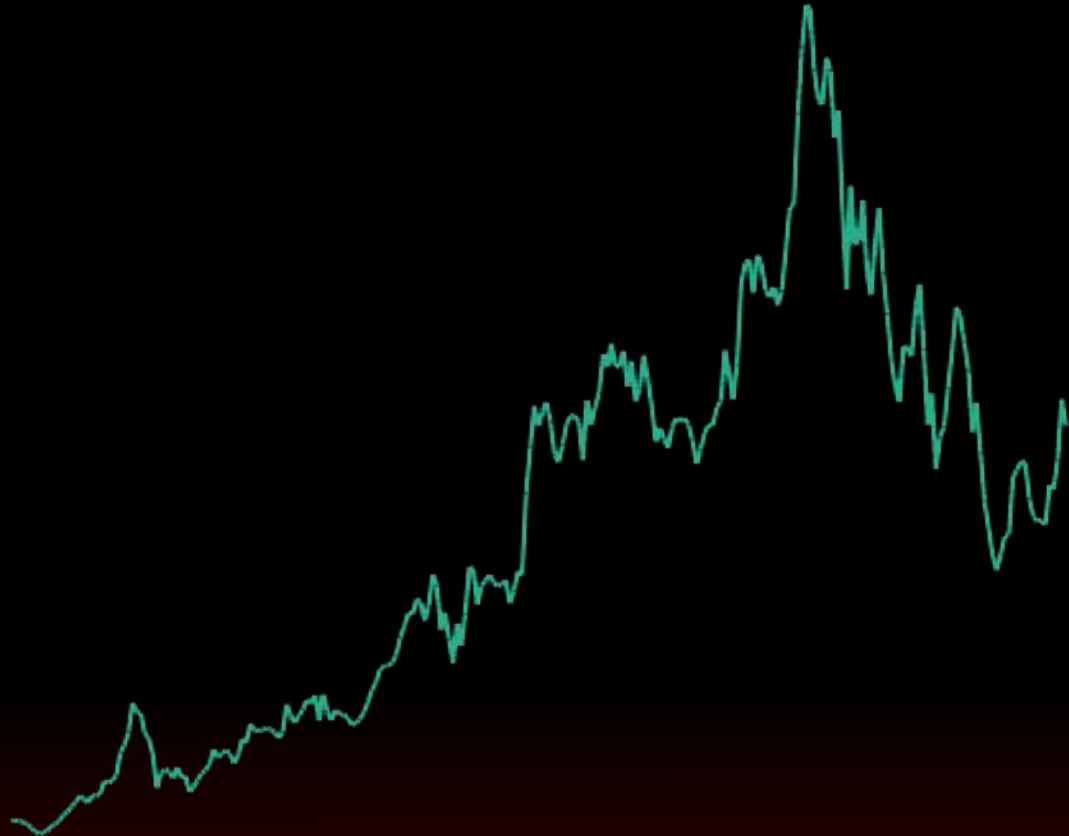
INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



\$ 96
TARGET PRICE



\$78
Feb 24th 2023

Source: 5Sigma Analysis





AMD  | Si5ma

APPENDIX

	Price/Sales	EV/Sales	EV/EBITDA	P/FCF	P/E
QUALCOMM	3.44	3.68	11.03	11.96	13.68
Intel	1.81	2.08	11.16	0	54.73
Texas Instruments	8.09	8.03	16.93	40.18	23.27
Analog Devices	7.77	8.06	15.87	19.67	18.22
Microchip Technology	5.86	6.69	13.13	15.99	14.14
Marvell Tech	6.63	7.4	19.96	27.01	21.24
ON Semiconductor	4.56	4.82	13.76	27.03	19.09
NVIDIA	19.54	19.55	53.34	127.93	68.35
Mkt Average	7.21	7.54	19.40	33.72	29.09
AMD	5.92	5.78	19.09	30.99	26.84

	Comps	Current	UPSIDE
Price/Free Cashflow	123.95	78.09	59%
Enterprise Value/Sales	113.66	78.09	46%
Price/Sales	106.96	78.09	37%
Price/Earnings	101.43	78.09	30%
Enterprise Value/EBITDA	84.50	78.09	8%

AGENDA

SUMMARY

SALES

INDUSTRY

P5F

PITCH

FINANCIALS

VALUATIONS

ESG

RISKS

SUMMARY

SALES

INDUSTRY

P5F

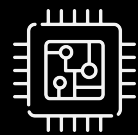
INVESTMENT

FINANCIALS

VALUATIONS

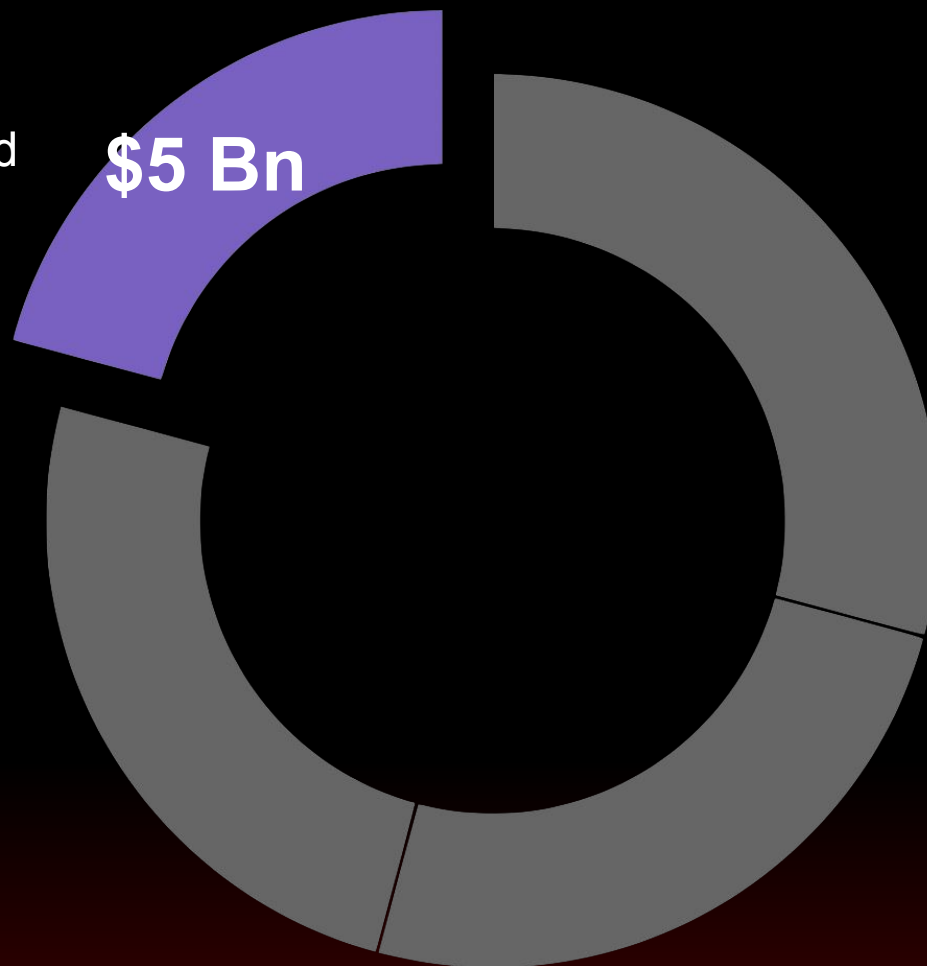
ESG

RISKS



Embedd
ed

\$5 Bn



Chris

SUMMARY

SALES

INDUSTRY

P5F

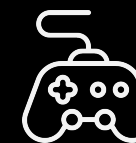
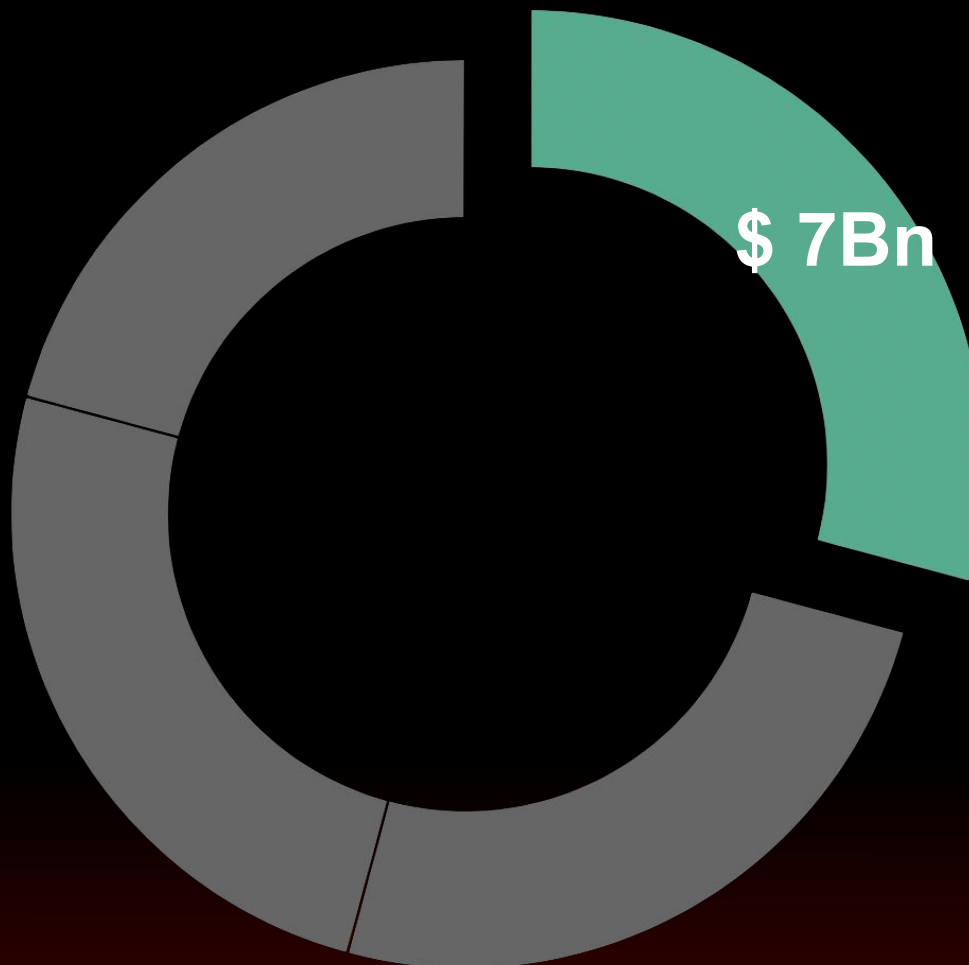
INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



Gaming

Chris

SUMMARY

SALES

INDUSTRY

P5F

INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



Source: 5Sigma Analysis, Company Data

Chris

SUMMARY

SALES

INDUSTRY

P5F

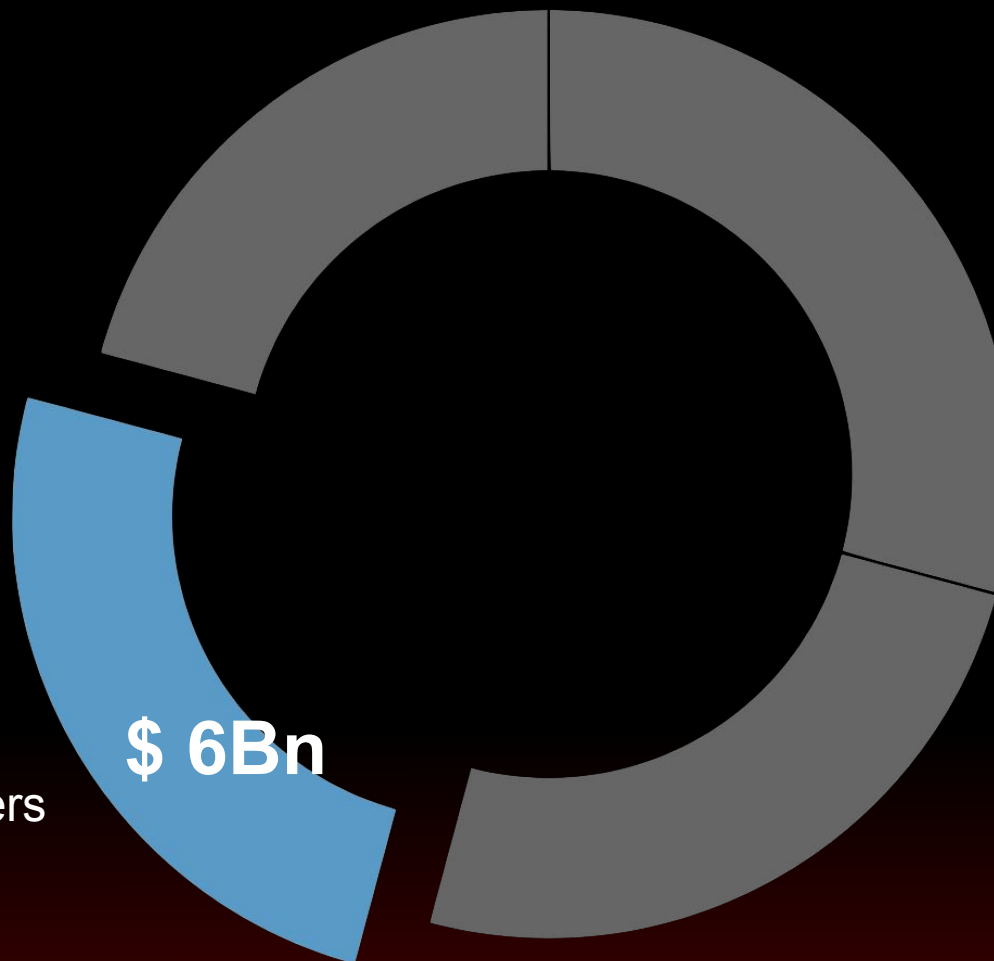
INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



Data Centers

\$ 6Bn

SALES 2022A

SALES 2027F

- Embedded
- Data Centers
- Client
- Gaming

SUMMARY

SALES

INDUSTRY

P5F

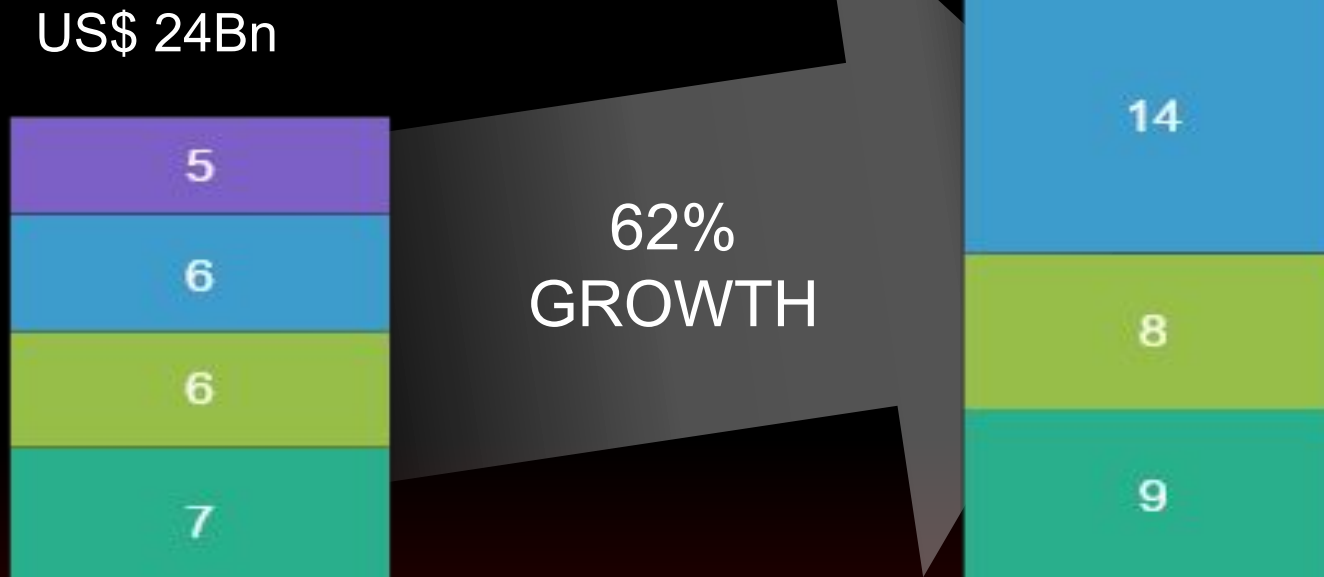
INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



Ravi

SUMMARY

SALES

INDUSTRY

P5F

INVESTMENT

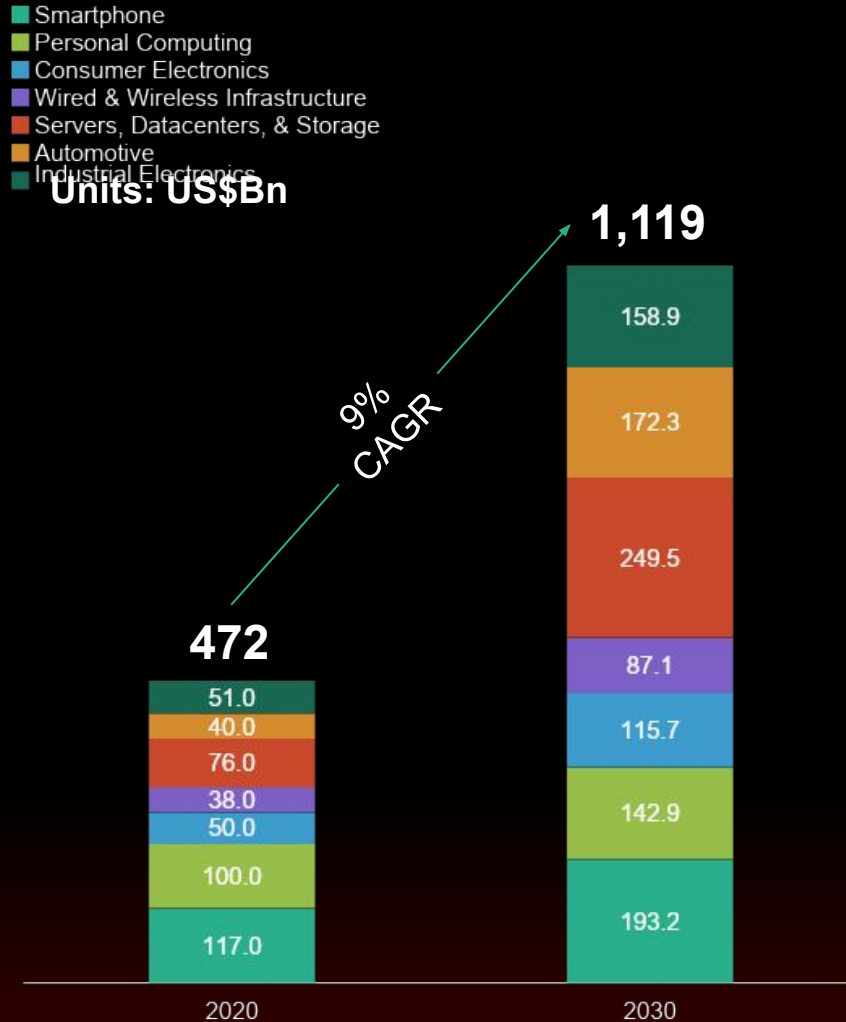
FINANCIALS

VALUATIONS

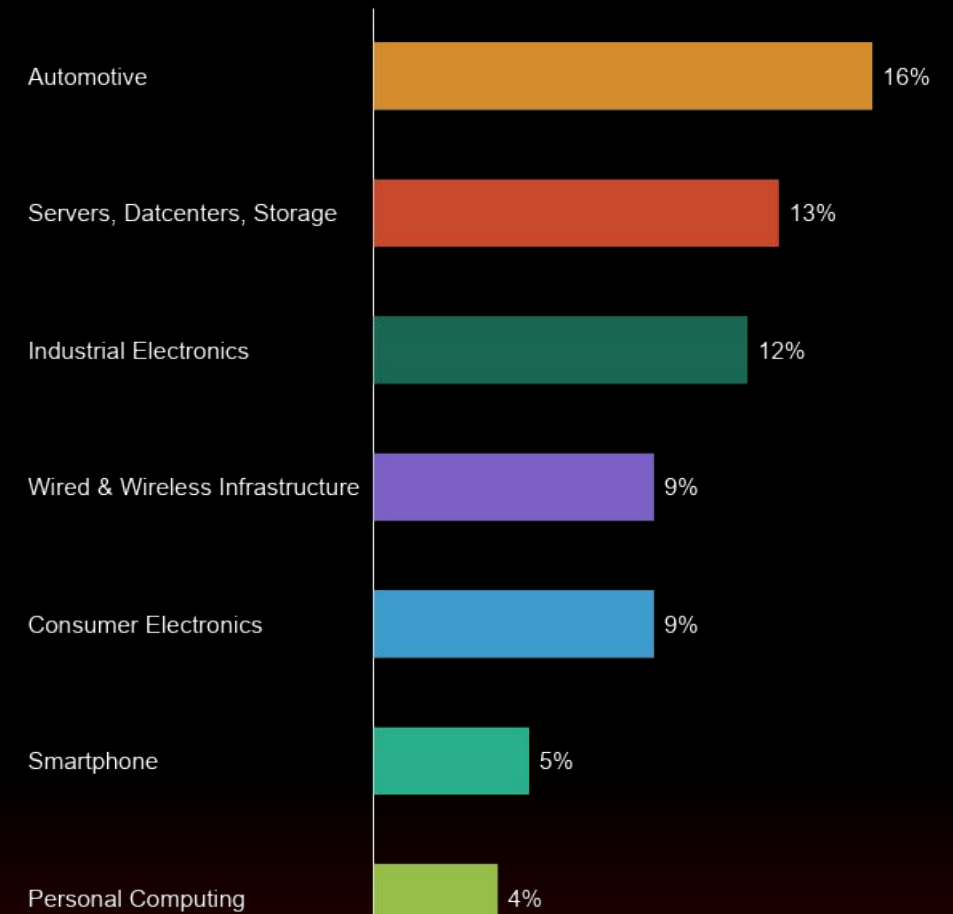
ESG

RISKS

Semiconductor market growth between 2020-2030



Semiconductor market growth rate % between 2020-2030



Source: 5Sigma Analysis, ASML

Ravi

SUMMARY

SALES

INDUSTRY

P5F

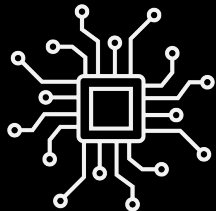
INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



Connected world

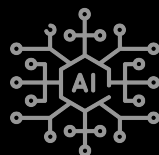
Placeholder



Socio-Economic
development



Cloud
services



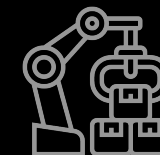
Artificial
Intelligence



Energy
Transition



Smart-Mobil
ity



Automation



Healthtech

5G

High speed
connectivity



POSITIONED TO CAPITALIZE ON LONG-TERM ECONOMIC TRENDS

SUMMARY

SALES

INDUSTRY

P5F

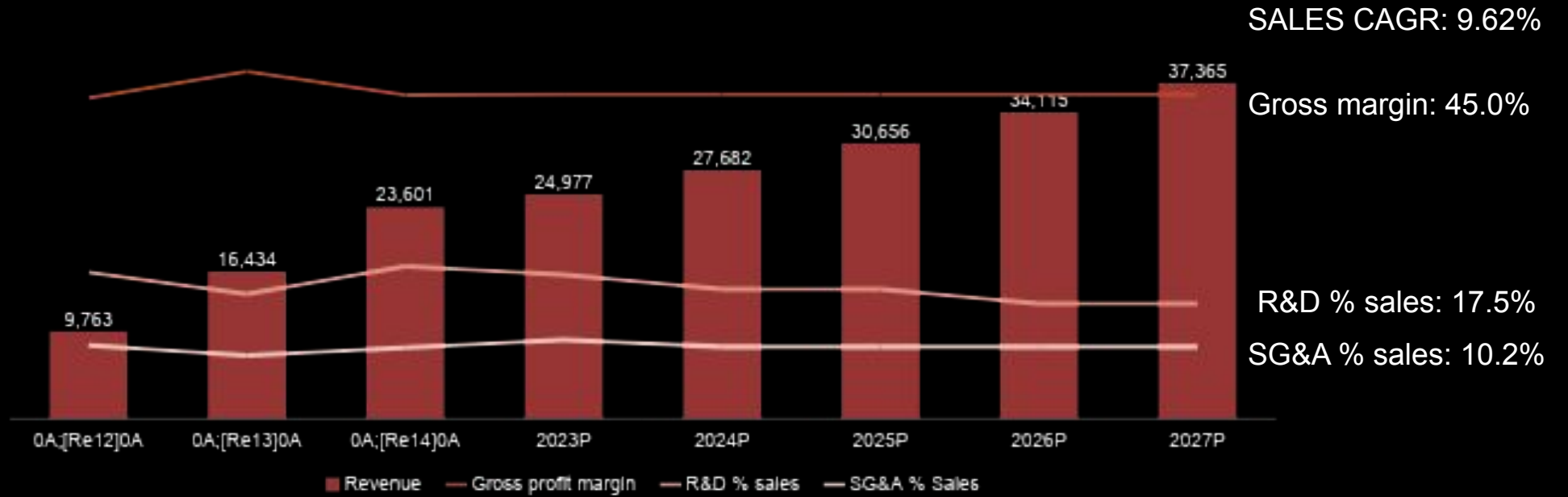
INVESTMENT

FINANCIALS

VALUATIONS

ESG

RISKS



DCF TARGET: \$ 85.83

DCF TARGET: **DKK 1480**

Cost of debt

Cost of equity

WACC

Terminal growth

3.4%

7.5%

7.9%

3.0%

Upside: 8%

UPDATED

SUMMARY

SALES

INDUSTRY

P5F

INVESTMENT

FINANCIALS

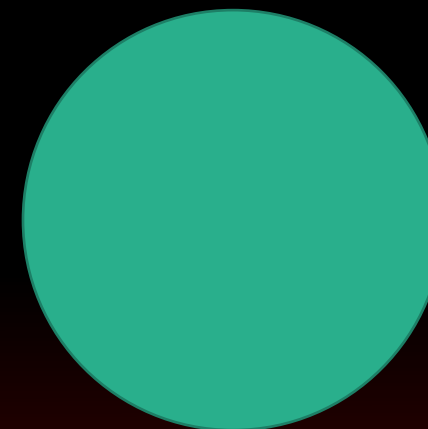
VALUATION

ESG

RISKS

Terminal Growth

		2.0%	2.5%	3.0%	3.5%	4.0%
WACC	7.57%	88.85	96.15	105.06	116.16	130.36
	8.07%	81.33	87.33	94.50	103.24	114.13
	8.57%	74.96	79.95	85.83	92.87	101.45
	9.07%	69.51	73.71	78.61	84.38	91.30
	9.57%	64.78	68.36	72.48	77.29	82.96



NOTE: All target prices in Earnings per share (EPS)

AMD | Si5ma

APPENDIX



Photography by Ray

AMD | Si5ma

APPENDIX



Photography by Ray