



Investor Overview

Q2 2025



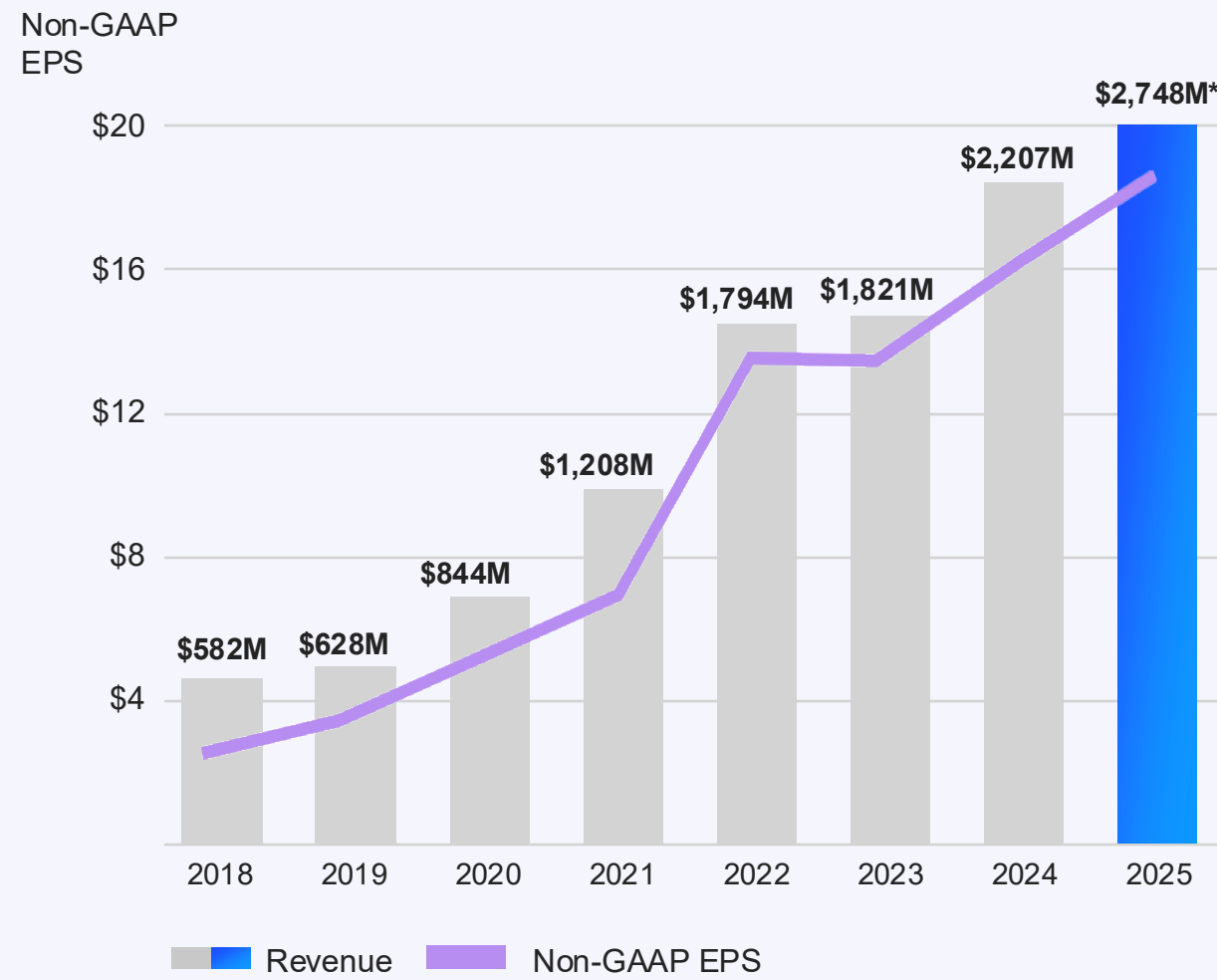
Statements made in this presentation contain forward-looking statements, as that term is defined in the Private Securities Litigation Reform Act of 1995. These forward-looking statements are not historical facts or guarantees of future performance or events, are based on current expectations, estimates, beliefs, assumptions, goals, and objectives, and involve significant known and unknown risks, uncertainties and other factors that may cause actual results to be materially different from the results expressed by these statements. You should be cautioned not to place undue reliance on any forward-looking statements, which speak only as of the date hereof. Factors that could cause actual results to differ include, but are not limited to, continued uncertainties in the global economy, including due to the Russia-Ukraine and Middle East conflicts, global tariffs and retaliatory measures and announcements regarding the same, inflation, consumer sentiment and other factors; adverse events arising from orders or regulations of governmental entities, including such orders or regulations that impact our customers or suppliers, and adoption of new or amended accounting standards; adverse changes in laws and government regulations such as tariffs on imports of foreign goods, export regulations and export classifications, and tax laws (including the recent H.R.1 Act signed into law on July 4, 2025) or the interpretation of same, including in foreign countries where MPS has offices or operations; the effect of export controls, trade and economic sanctions regulations and other regulatory or contractual limitations on our ability to sell or develop our products in certain foreign markets, particularly in China; our ability to obtain governmental licenses and approvals for international trading activities or technology transfers, including export licenses; acceptance of, or demand for, our products, in particular the new products launched recently, being different than expected; our ability to increase market share in our targeted markets; difficulty in predicting or budgeting for future customer demand and channel inventories, expenses and financial contingencies (including as a result of any continuing impact from the Russia-Ukraine and Middle East conflicts); our ability to efficiently and effectively develop new products and receive a return on our research and development expense investment; our ability to attract new customers and retain existing customers; our ability to meet customer demand for our products due to constraints on our third-party suppliers' ability to manufacture sufficient quantities of our products or otherwise; our ability to expand manufacturing capacity to support future growth; adverse changes in production and testing efficiency of our products; any political, cultural, regulatory, economic, foreign exchange and operational changes in China, where a significant portion of our manufacturing capacity comes from; any market disruptions or interruptions in our schedule of new product development releases; our ability to manage our inventory levels; adequate supply of our products from our third-party manufacturing partners; adverse changes or developments in the semiconductor industry generally, which is cyclical in nature, and our ability to adjust our operations to address such changes or developments; the ongoing consolidation of companies in the semiconductor industry; competition generally and the increasingly competitive nature of our industry; our ability to realize the anticipated benefits of companies and products that we acquire, and our ability to effectively and efficiently integrate these acquired companies and products into our operations; the risks, uncertainties and costs of litigation in which we are involved; the outcome of any upcoming trials, hearings, motions and appeals; the adverse impact on our financial performance if its tax and litigation provisions are inadequate; our ability to effectively manage our growth and attract and retain qualified personnel; the effect of epidemics and pandemics on the global economy, global tariffs and retaliatory measures and announcements regarding the same, and on our business; the risks associated with the financial market, economy and geopolitical uncertainties, including the Russia-Ukraine and Middle East conflicts; and other important risk factors identified under the caption "Risk Factors" and elsewhere in our Securities and Exchange Commission ("SEC") filings, including, but not limited to, our Annual Report on Form 10-K filed with the SEC on March 3, 2025. The forward-looking statements made during this conference call or in this presentation represent our projections and current expectations, as of the date hereof, not predictions of actual performance, and should not be unduly relied upon. This presentation speaks only as of the date of its first use; its availability after such date shall not constitute an express or implied confirmation of any statements herein as of any later date, and we assume no obligation to update the information presented in this presentation.

MPS uses certain non-GAAP measures in this presentation including non-GAAP EPS, non-GAAP gross margin, and free cash flow. MPS believes non-GAAP financial information provides additional insight into MPS's on-going performance. The non-GAAP measures should not be considered as a substitute for, or superior to, measures of financial performance prepared in accordance with GAAP. A reconciliation between GAAP and non-GAAP financial data is included in the Appendix.

Creating What's Next – Together

We are a global leader in powering the most important technological innovations of our lives – working with our customers to create what's next.

Outstanding Organic Revenue & Operational Growth



+24.9%

MPS Revenue CAGR ('18-'24)
SIA CAGR: 5.1%

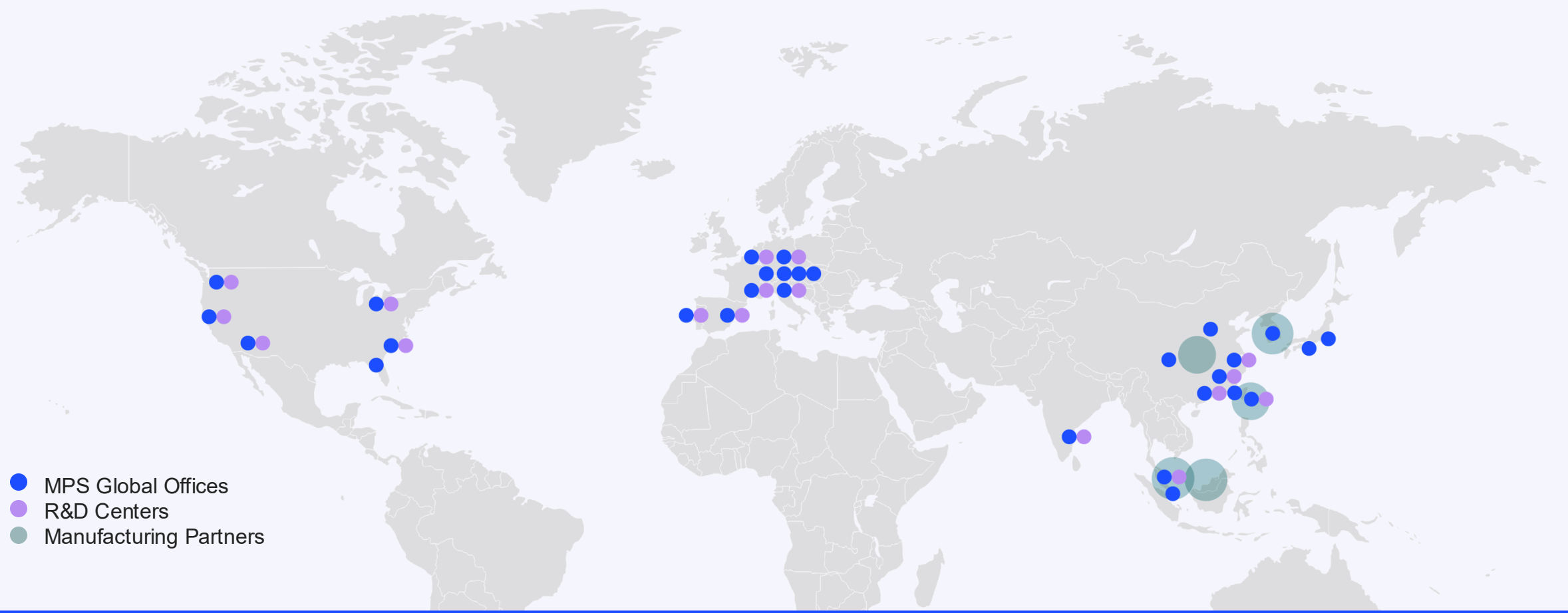
\$640M

Stock Repurchase ('18-'24)
Current Authorization: \$500M

	2018	Today
Employees	>1700	>4000
Major Sites	4	8
Foundry Partners	5	13
Capacity	~\$1B	~\$4B
Products	>2000	>4000
Patents	>1100	>1900
Quarterly Dividend	\$0.30	\$1.56

* Source: Consensus Analyst Estimates. 2025 Wall Street GAAP and Non-GAAP estimates should not be considered as a management forecast. Reconciliations of non-GAAP measures to the closest GAAP measure can be found at the end of this presentation.

Our Global Presence



Company Founded	1997	Number of Products	4,000+
IPO (NASDAQ: MPWR)	2004	2024 Revenue	\$2.2B
Employees Worldwide	4,107		

Production Facilities

Testing

- MPS Chengdu Facility
- MPS Taiwan Facility
- Malaysia & Taiwan

Assembly

- Malaysia
- Taiwan
- China
- Korea

IATF-Certified Wafer Fabs

- | | |
|---------------------|--------------------|
| • Key Foundry/Hynix | Korea |
| • SSMC | Singapore |
| • TSMC | Taiwan |
| • PSMC | Taiwan |
| • Vanguard | Singapore & Taiwan |
| • SMIC | China |
| • HHGrace | China |
| • ASMC | China |

Quality & Reliability Facilities

- Both San Jose and Chengdu
- Burn-In Room: 3,000 Sq. Ft.
- Two State-of-the-Art Failure Analysis Labs

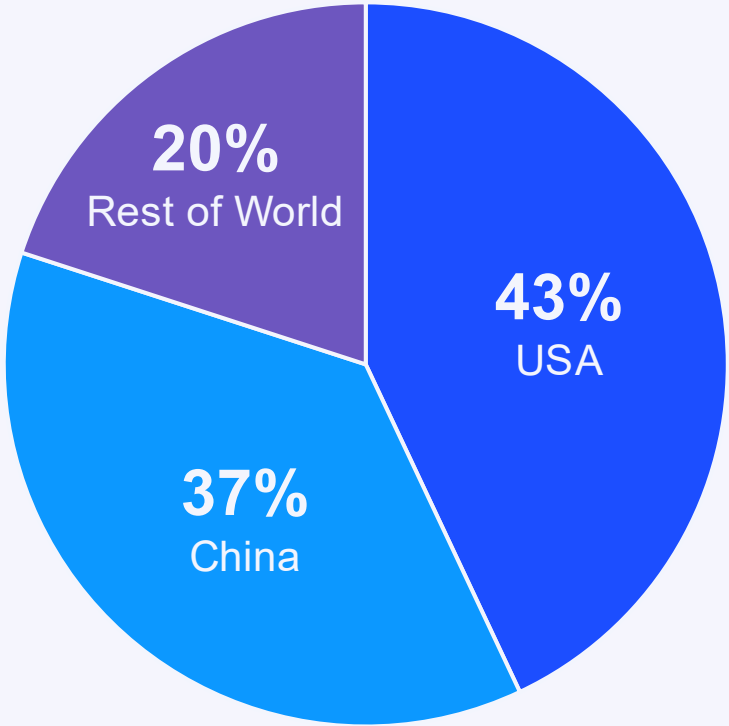


EMC Lab Facilities



>30K

End Customers



End Customer by Geography

Enterprise Data

- AI Accelerators
 - GPU
 - ASIC
 - Tensor Processor
- Cloud Computing
- CPU Servers and Workstations

Automotive

- ADAS
- BMS / Traction Inverters
- Digital Cockpit / Lighting
- Body Control
- 48V
- Audio

Consumer

- Home Appliances
- Gaming
- Augmented Reality
- Audio

Storage and Computing

- AI at the Edge
- Notebooks
- SSD / HDD
- DDR 5 / HBM

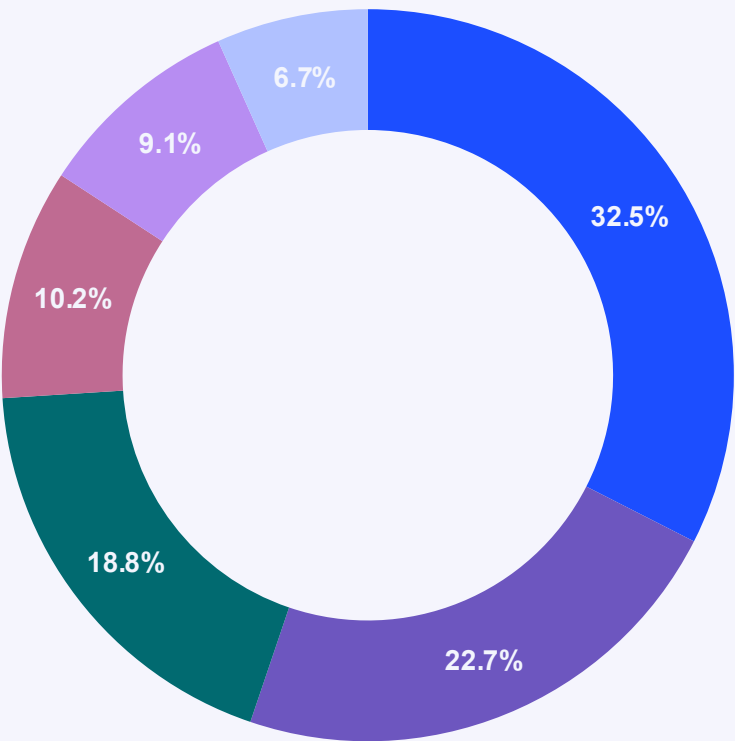
Industrial / Other

- Smart Meters
- Factory & Building Automation
- Robotics / Physical AI
- Medical / Health Care
- Security
- Clean energy

Communications

- 5G and Wireless
- Base Stations
- Networking
- Optical

% of Full Year 2024 Revenue



- Enterprise Data
- Automotive
- Consumer
- Storage and Computing
- Communications
- Industrial / Other

Power Management

- Switching Converters & Controllers
- Multi-Phase Controllers & Intelli-Phase
- Power Management IC (PMIC)
- Data Center
- Power Protection
- Power Over Ethernet (PoE)
- Display Power and Control
- USB, Load & Analog Switches
- LDO & Voltage Supervisory
- MOSFET Drivers

Isolation

- Isolated Gate Drivers
- Digital Isolators
- Digital Isolators with Integrated Power
- Isolated DC/DC Converters & Modules
- Controllers

Class-D Audio

- Digital Controllers & Processors
- Analog Input
- PWM Input Power Drivers

Battery Management

- Chargers
- Battery Monitors & Protectors
- Fuel Gauges
- Active Balancers
- Switched Capacitor Converters

Motor Drivers & Motor Controllers

- Stepper Motor Drivers
- BLDC Pre Drivers and Integrated Solutions
- Brushed DC / Solenoid Drivers
- Fan Drivers
- Servo, BLDC Motor Controllers

Inductors

- Shielded Optimized for MPS DC/DC
- Molded Optimized for MPS DC/DC

Power Modules

- Power Modules (Integrated Inductor)
- Isolated DC/DC Converters & Modules
- 48V Modules
- Intelli-Module

Automotive (AECQ Grade)

- Switching Converters and Controllers AECQ Grade
- Load Switches and Supervisors
- Motor Drivers
- Power Modules
- USB Charging Port
- LED Driver
- LDO
- Half-Bridge
- Backlight Drivers (WLED)

Analog

- Ultrasound Multiplexers
- Precision Analog

Data Converters

- Delta-Sigma ADCs
- SAR ADCs

Sensors

- Angular Position Sensors
- Current Sensors
- 3D (XYZ) Position Sensors

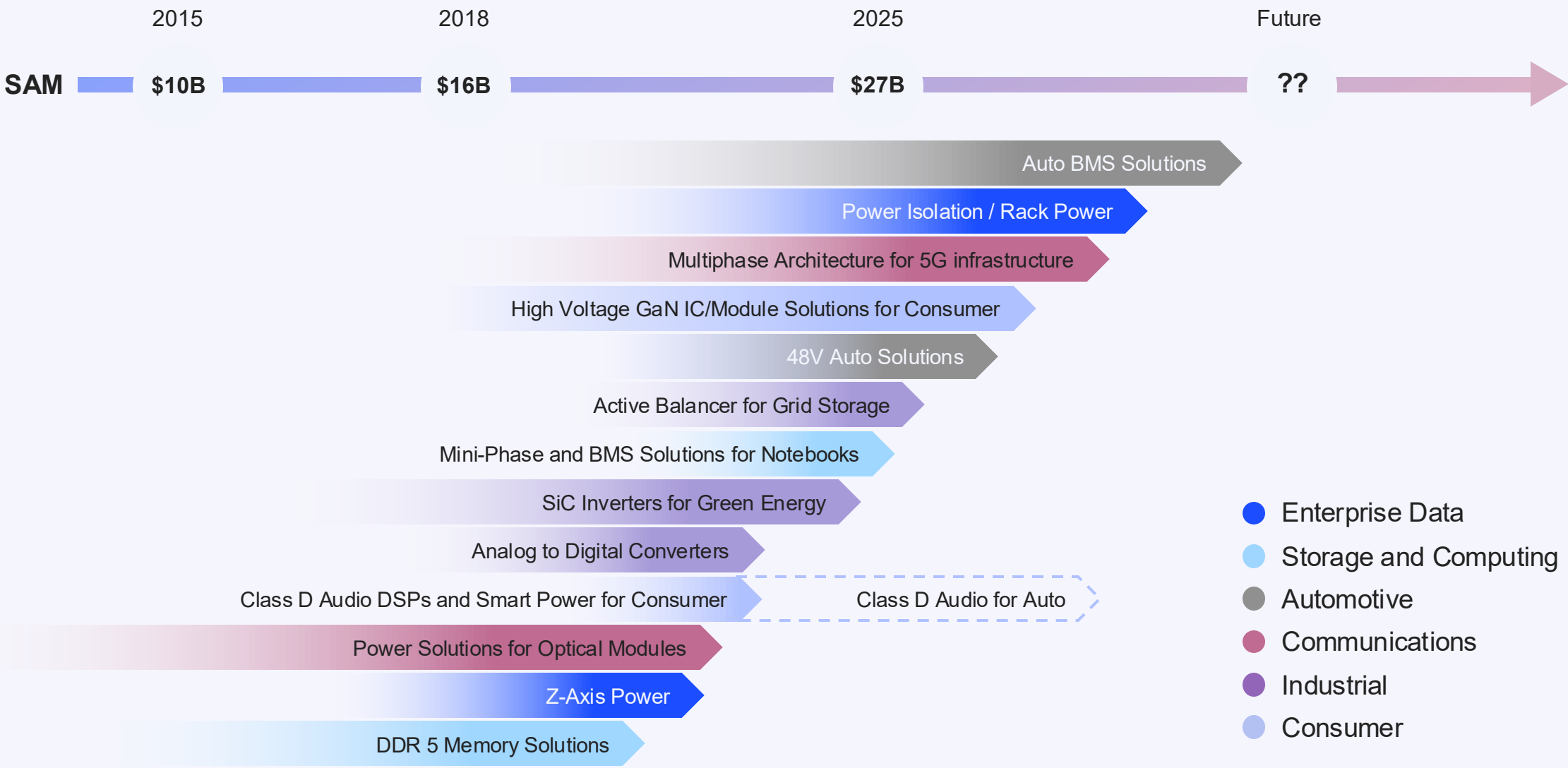
AC-DC

- HV Buck Regulators and Smart LDO
- Flyback
- PFC/LLC Controllers
- Synchronous Rectifiers
- LED Lighting & Illumination
- Power Savers

Complete Solution Boards

- PoE
- Motors
- Battery Management
- USB

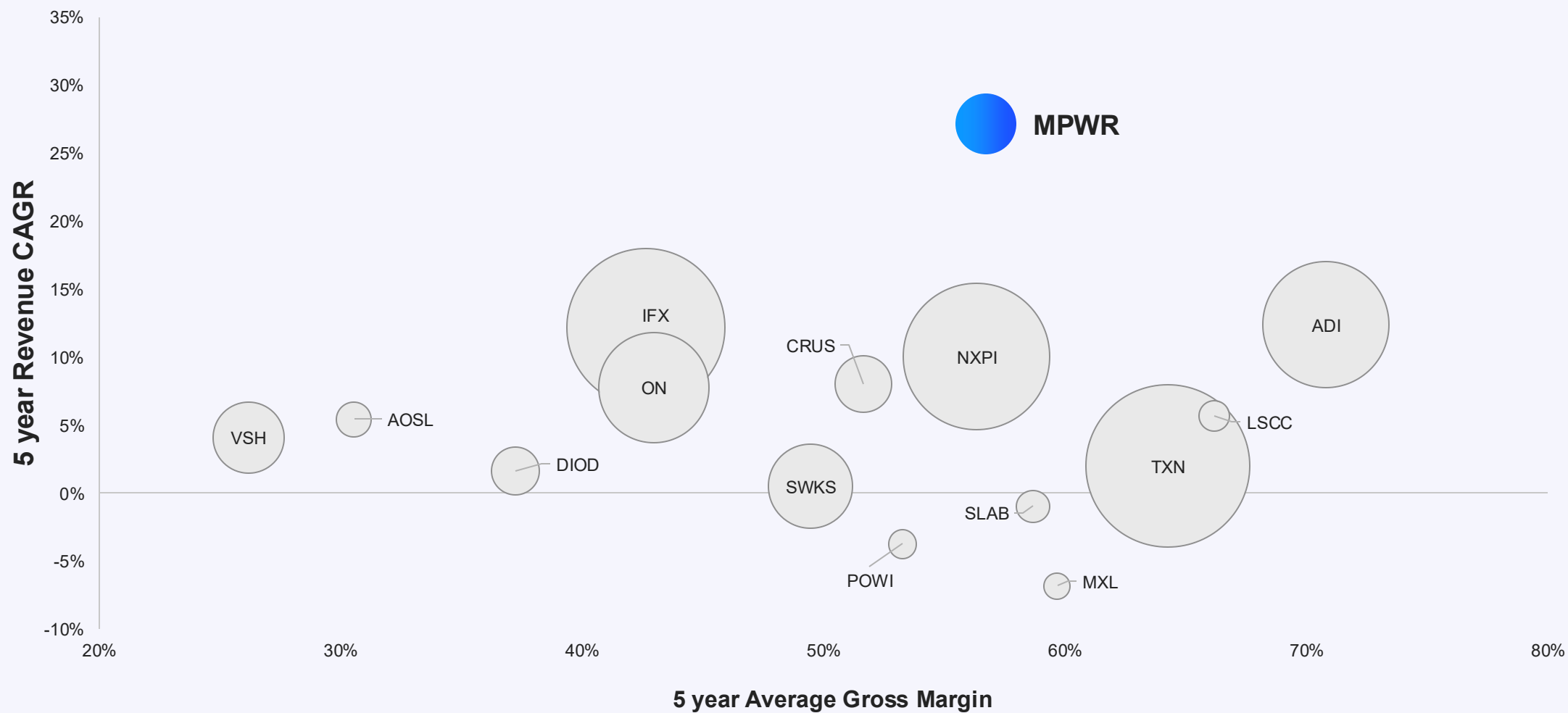
Technology Drives SAM Expansion



- Enterprise Data
- Storage and Computing
- Automotive
- Communications
- Industrial
- Consumer

Source: Internal estimates

Above-Market Growth and Attractive Margin Profile



Gross Margin data is Non-GAAP except where only GAAP reported (TXN, VSH, DIOD)

* Bubble Size is 2024 revenue
As of December 31, 2024
Source: Company public disclosures

Redefining Performance

Smaller, smarter, radically efficient power solutions

Pushing Power Density Limits

Embedding sustainability in every R&D cycle

Enabling Breakthroughs

Ultra-efficient audio amplifiers (90% lower idle power loss)

Advancing Industries

From AI to clean energy through cutting-edge tech



Data Centers

5x lower power distribution losses with ZPD architecture, enabling 3A/mm² power density



Robotics

World's smallest coreless motor solution (2024)

ADAS/wireless charging for autonomous robots (2025)



Automotive

8x faster ADAS sensors
70% smaller digital cockpits
800V charging solutions

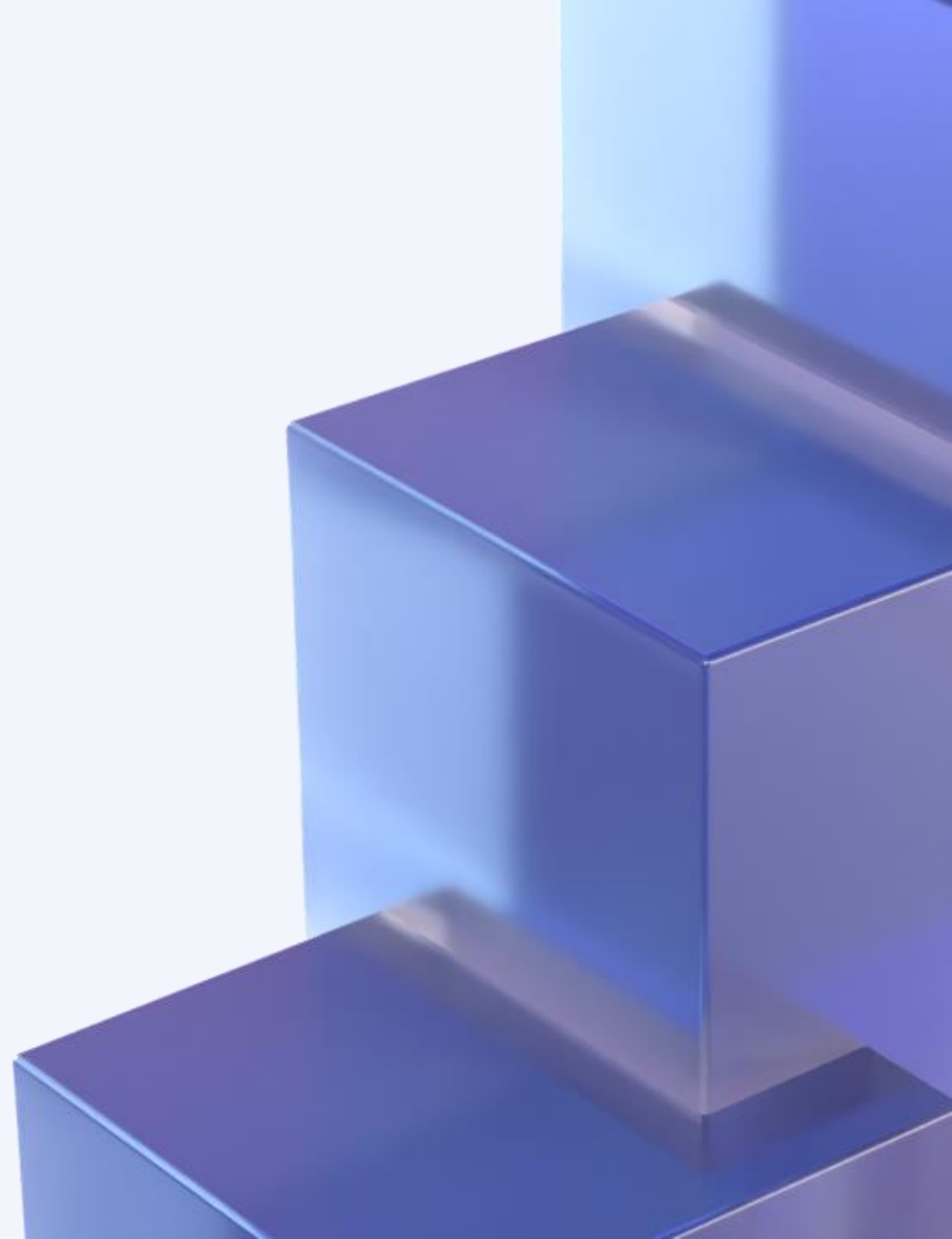
>1,900

Patents filed to accelerate progress

15%

Of 2024 revenue reinvested in R&D

Computing Power Evolution



Leading the Next Wave of Computing Power



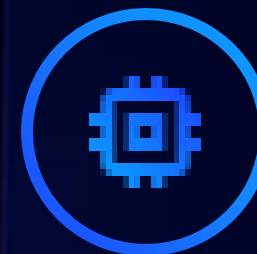
2018 Past Predictions:

Rise of monolithic power solutions and 48V architecture – delivered the solutions that shaped the industry.



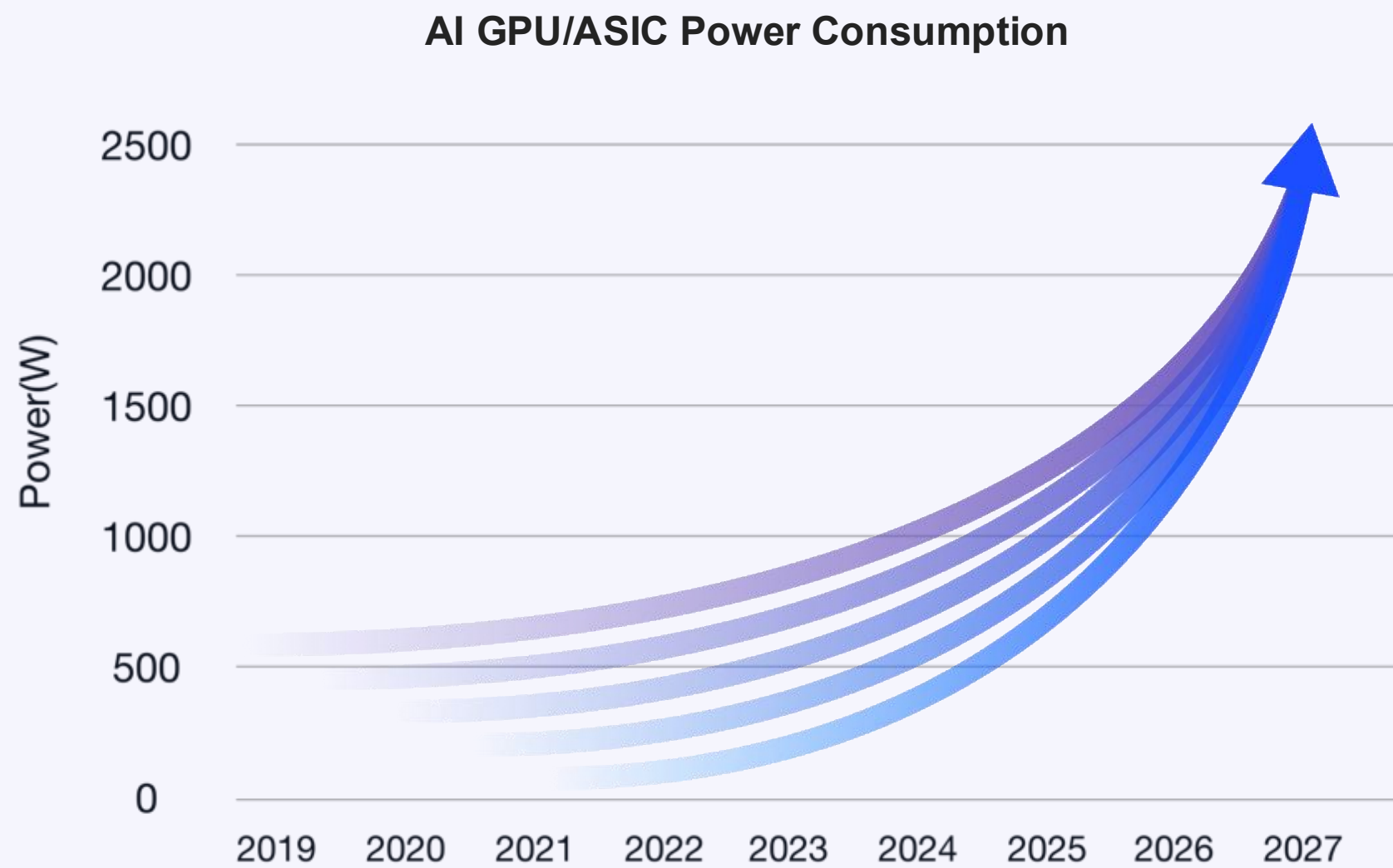
Present Success:

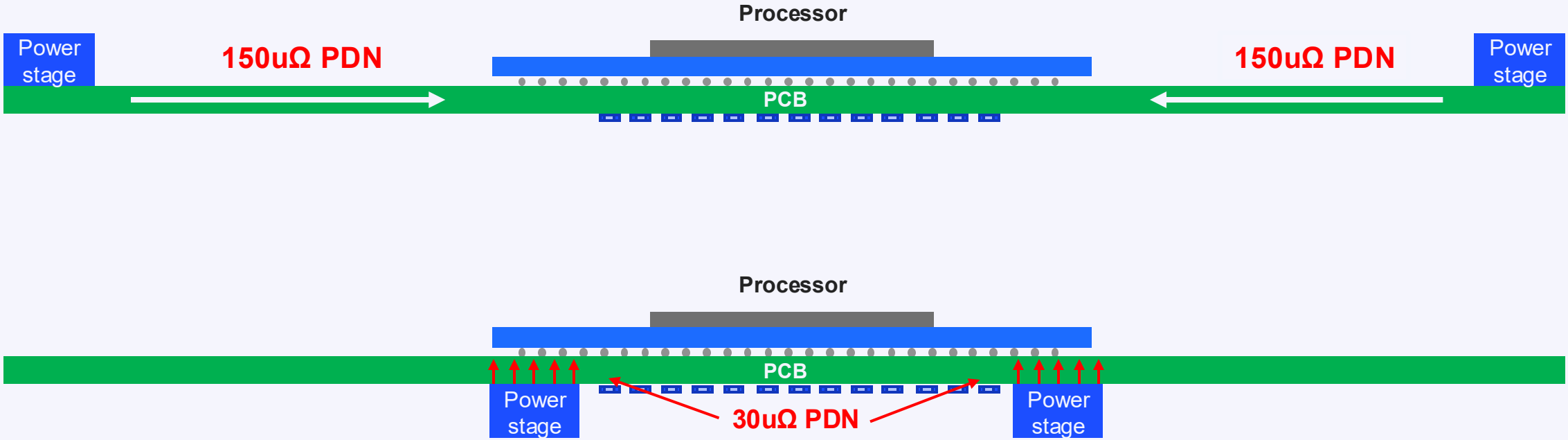
Our Intelli-Phase and ZPD™ technologies – powering the world's most advanced AI and data centers.

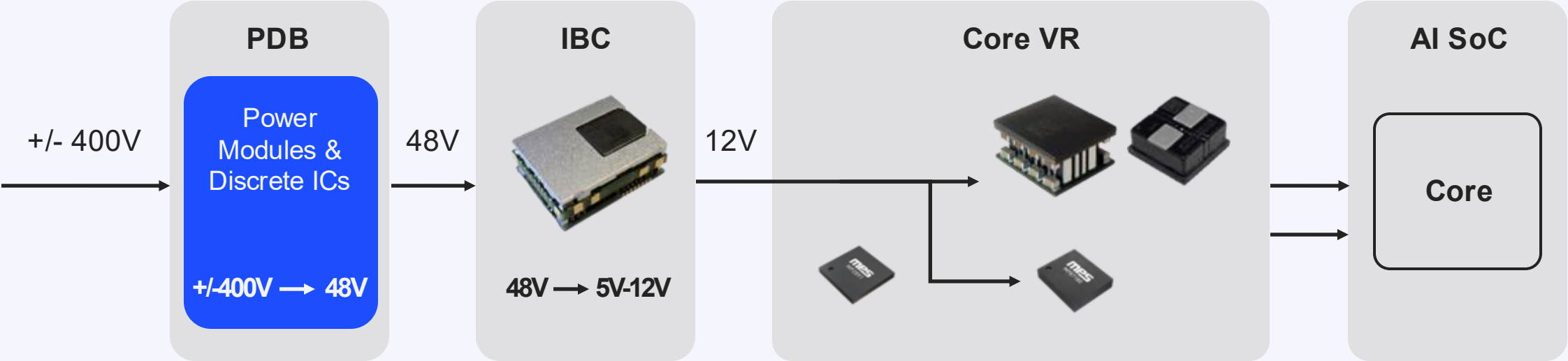


Future Focus:

As power demands grow, we're solving the next wave of challenges: higher density, efficiency, and AI/ML rack power beyond 500kW.

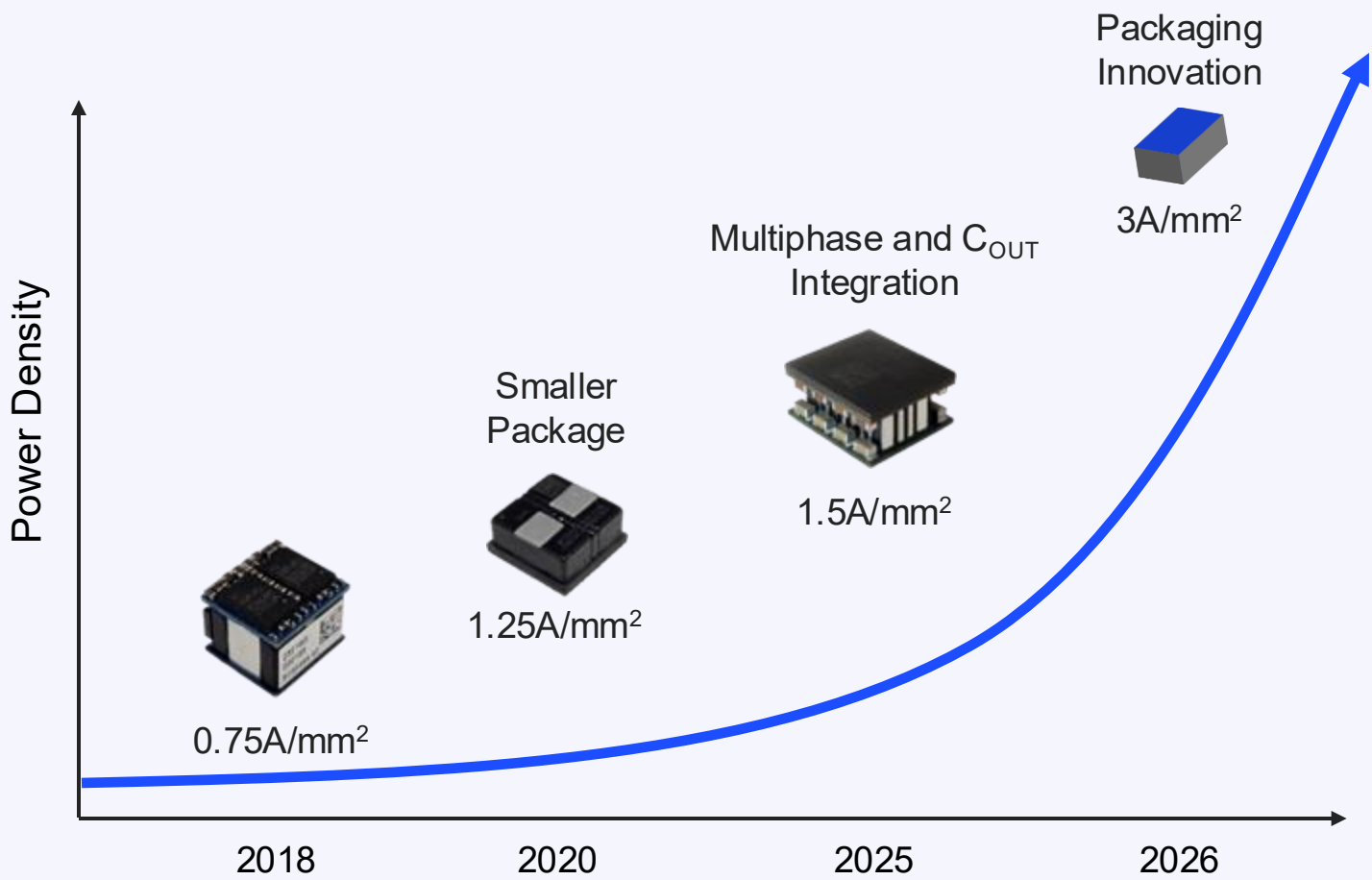




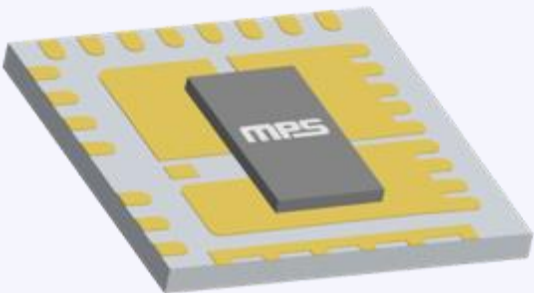


PDB: Power distribution board
IBC: Intermediate bus converter

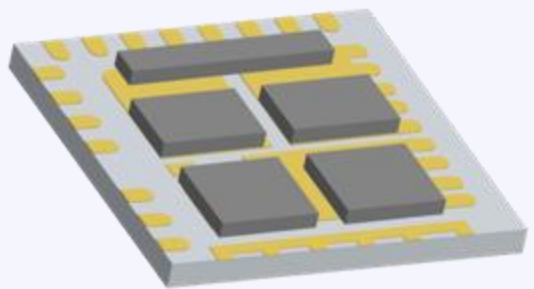
Intelli-Phase Second-Stage Core Power



Intelli-Phase Monolithic One Die vs Five Dice



Monolithic Intelli-Phase



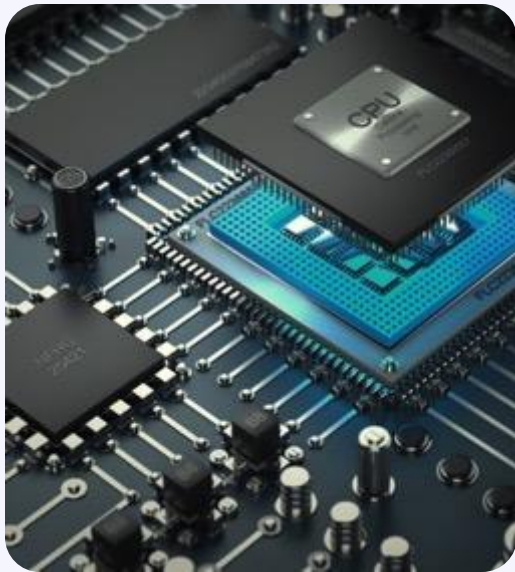
Discrete Die DrMOS

Recap: >\$4B SAM and Rapidly Growing

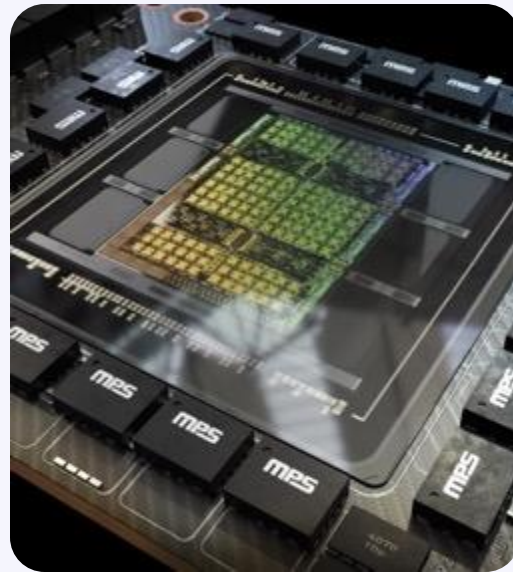
Today

Tomorrow

CPU Server Board



GPU AI Server



Rack



Data Center





Driving the Future of Software-Defined Mobility



Established



ADAS

Radar, Camera,
LiDar, Self-driving
Compute

Expanding



Digital Cockpit

Infotainment,
Cluster, HUD, USB
Charging



Lighting

Matrix Headlamp,
Dynamic Lighting,
Interior



Body Electronics

HVAC, Seat,
Lift Gate,
Auto Door Handle,
Moonroof

Emerging



Battery Management

48V, HEV, EV

**1 Billion+
Annually**

Auto-grade devices
shipped

**Preferred
Supplier**

Top automotive
OEMs & tier 1s

1,200+

Automotive products
in our portfolio

Driving the Future of Software-Defined Mobility

 The Car Compute Era

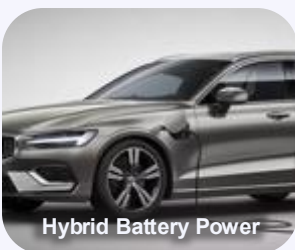
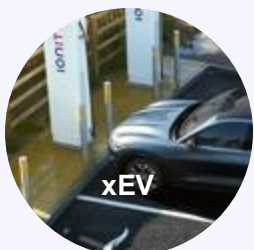
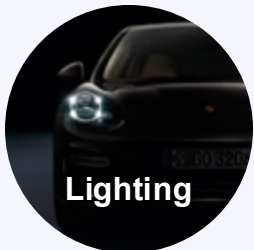
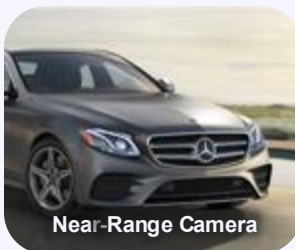
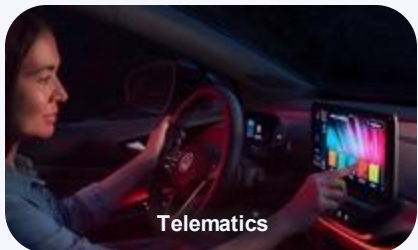
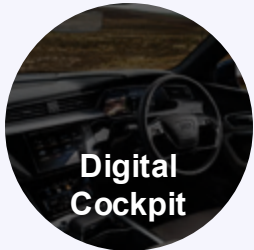
 ADAS Sensor Proliferation

 Digital Cockpit

 High Voltage (800V+)

 48V Transition

MPS Automotive: \$1B Wins in Pipeline



From milliWatt to kilowatt, MPS Smart Power Enables Software-Defined Mobility:

- **Innovative Technology:** Enabling automakers to achieve more with less
- **System Solutions:** Aligned with high-potential trends for maximum impact
- **Diverse Pipeline:** Broad design wins across regions, applications, and customers
- **Growth Drivers:** Content gains and expanded TAM



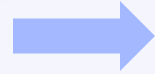


Clean Energy, Robotics and Building Automation



Powering the Green Energy Transition

Over \$150M design wins 25+ products in development



Expanding Share

Energy Storage



Datacenter & 5G Backup



E-Mobility



What's Next

Notebook



Automotive



Power Tools & Appliances



\$150

MPS Content
Per robot

45

MPS Products



Shoulder



Elbow



Waist & Pelvis



Dex Hands



AI Power, ADAS & BMS



Upper Arm



Forearm



Thigh



Calf

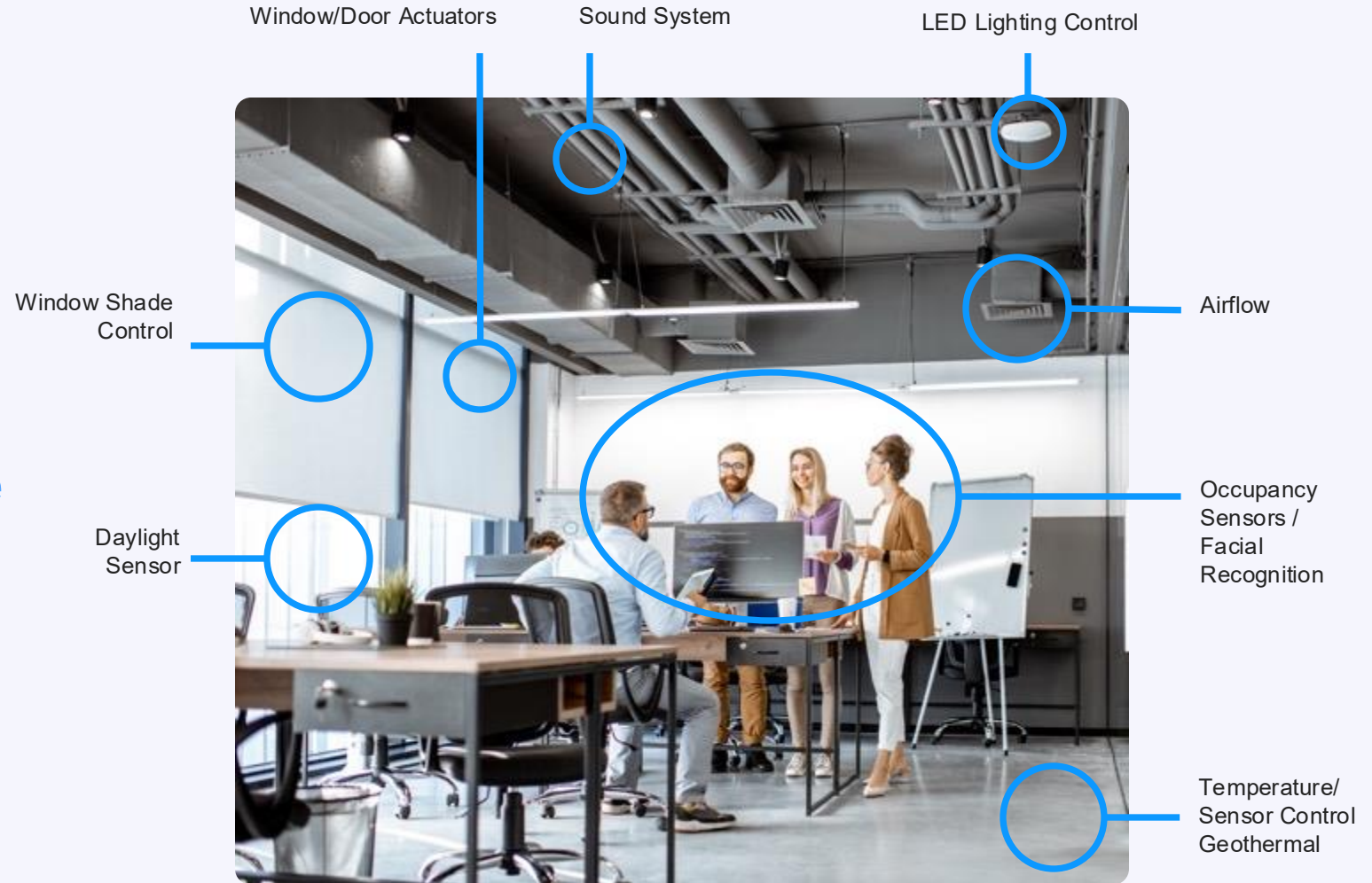




BA100 Controller:
All-in-One AI Building
Mimicking Nature

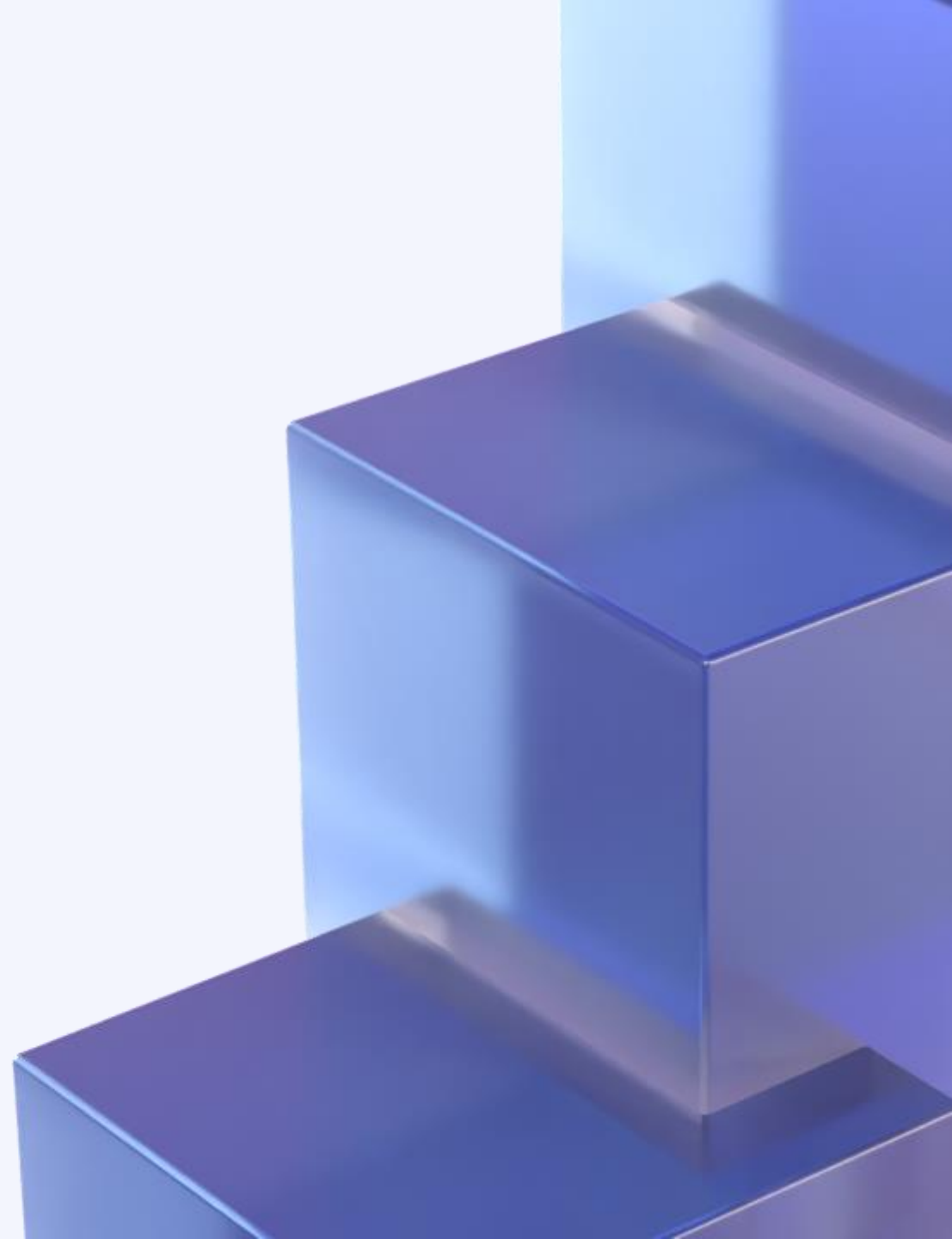
Smart Control Made Simple

- **Control for 3,500 Sq Ft:** Manage lighting and automated shades for offices or homes
- **10–25% Energy Savings:** Smart optimization reduces energy costs
- **30% Installation Savings:** Low-voltage DC, no HVAC, or metal conduit—easy installation
- **Comfort & Well-being:** Color-changing lights, natural airflow, sound control mimics natural environment and daylight
- **Scalable Design:** Fit for small rooms or skyscrapers

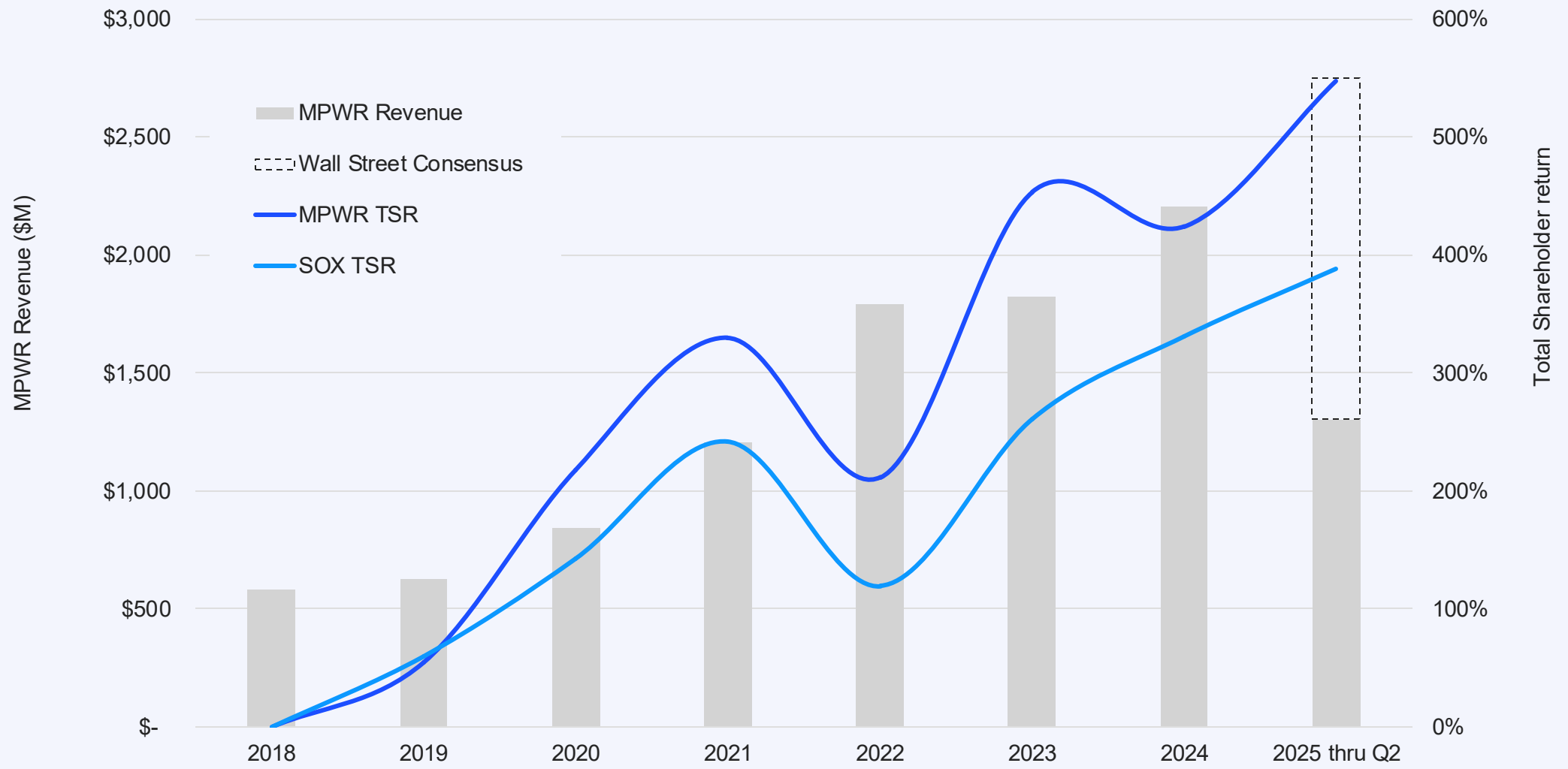




Financial Strength and Corporate Responsibility

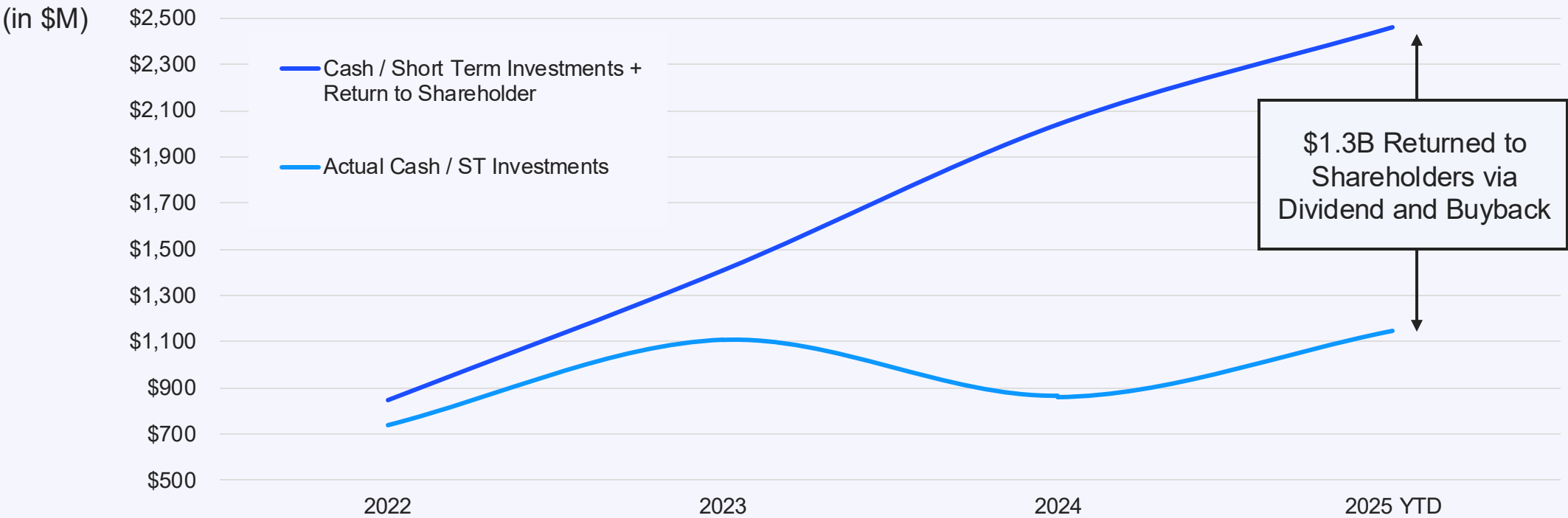


Consistent Revenue Growth & Shareholders' Return



MPWR TSR Measured as Stock Price at Year/Period End vs 2018 + dividends

Consistent Revenue Growth & Shareholders' Return



>100%

Increase in Quarterly Dividend
From Q1'22 to Q2'25

>\$1.3B

Total Cash Returned to Shareholders
Q1'22-Q2'25 dividend & buyback

\$640M

Stock Repurchase thru '24
Current Authorization: \$500M

74%

Of free cash flow was returned to shareholders
Q1'22 to Q2'25

-18%

Greenhouse Gas Emissions

We reduced our greenhouse gas emissions by 18% in 2024, and our goal is to achieve 40% lower emissions by 2030*

40%

Renewable Electricity

40% of all electricity was renewable in 2024, and our goal is to reach 75% in 2026

40%

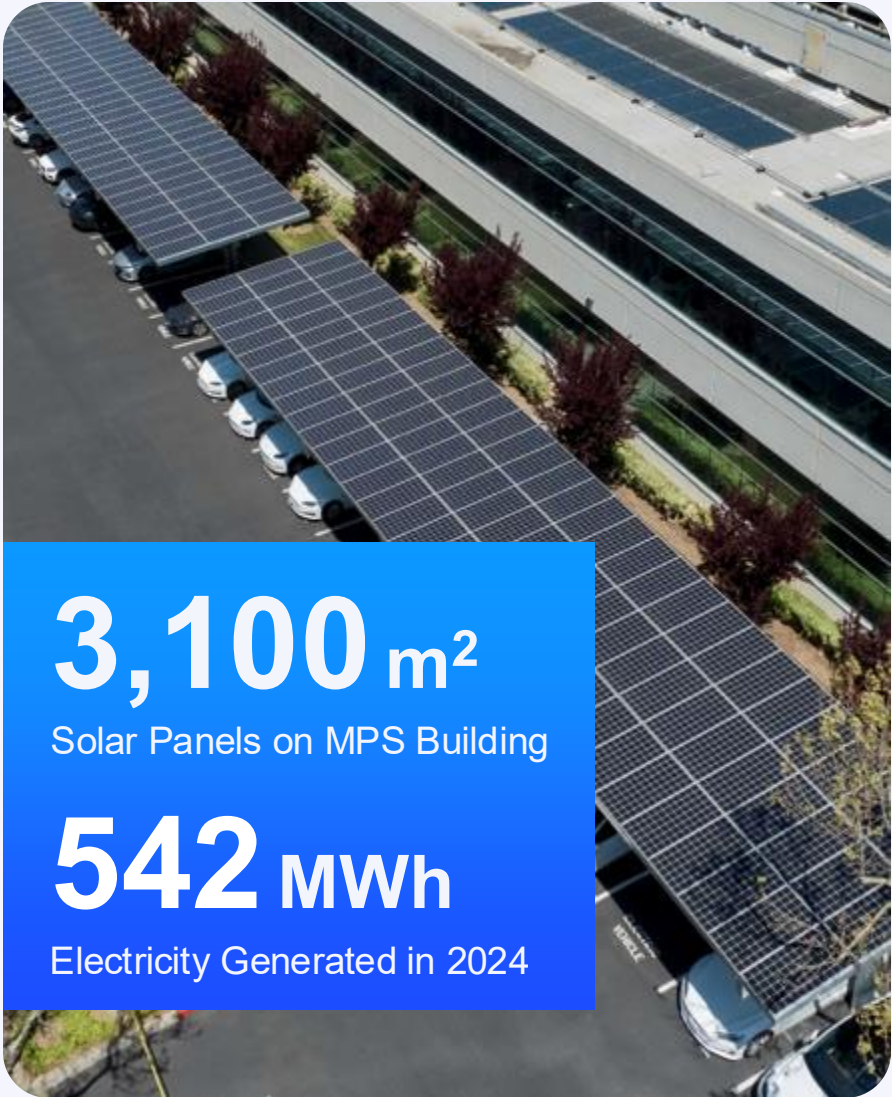
Diverse Workforce Composition

40% of our global workforce is made up of women

5 of 7

Board Composition

Five out of seven board members are ethnically diverse



Read full report at: www.monolithicpower.com/esg

*Baseline 2022 Scope 1 & 2 Greenhouse Gas Emissions

Thank You

Reconciliation of GAAP to Non-GAAP Measures



(Amounts in \$/share)

Fiscal Year	GAAP Diluted EPS	Stock-Based Compensation and Related Expenses ¹	Deferred Compensation Plan Expense (Income)	Intangible Asset Amortization	Tax Effect of Non-GAAP Adjustments	Recognition of Tax Benefit Granted to Foreign Subsidiary	Non-GAAP Diluted EPS
2018	\$2.36	1.36	0.01	0.02	(0.01)	-	\$3.74
2019	\$2.38	1.72	- *	- *	(0.22)	-	\$3.88
2020	\$3.50	1.82	0.02	- *	(0.30)	-	\$5.04
2021	\$5.05	2.58	0.02	- *	(0.20)	-	\$7.45
2022	\$9.05	3.33	(0.01)	- *	0.04	-	\$12.41
2023	\$8.76	3.07	0.02	- *	(0.07)	-	\$11.78
2024	\$36.59	4.36	0.01	- *	(0.55)	(26.32)	\$14.12

1. 2018-2023 exclude stock-based compensation related employer payroll taxes from non-GAAP measures due to immateriality.

* Immaterial and rounds to zero.

Reconciliation of GAAP to Non-GAAP Measures



(Amounts in percentages)

Fiscal Year	GAAP Gross Margin	Stock-Based Compensation and Related Expenses ¹	Deferred Compensation Plan Expense	Intangible Asset Amortization	Non-GAAP Gross Margin
2020	55.2%	0.3	0.1	- *	55.6%
2021	56.8%	0.3	- *	- *	57.1%
2022	58.4%	0.3	- *	- *	58.7%
2023	56.1%	0.2	0.1	- *	56.4%
2024	55.3%	0.3	0.1	0.1	55.8%
5-year Average					56.7%

1. 2020-2023 exclude stock-based compensation related employer payroll taxes from non-GAAP measures due to immateriality.

* Immaterial and rounds to zero.

Reconciliation of GAAP to Non-GAAP Measures



(Amounts in thousands except % of FCF)

Fiscal Year	GAAP Net Cash Provided by Operating Activities	Capital Expenditures ¹	Free Cash Flow
2022	\$246,674	(60,898)	\$185,776
2023	\$638,213	(60,404)	\$577,809
2024	\$788,410	(150,205)	\$638,205
1H 2025	\$494,024	(90,387)	\$403,637
Totals			\$1,805,427

Fiscal Year	Stock Repurchases	Dividends Paid	Return to Shareholders
2022	-	137,965	\$137,965
2023	3,741	185,844	\$189,585
2024	636,244	240,623	\$876,867
1H 2025	3,687	135,073	\$138,760
Totals			\$1,343,177

Returned to Shareholders as % of FCF	74%
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1. Capital expenditures include all property and equipment purchases, including purchases on extended payment terms.