

A detailed, glowing blue illustration of a microchip assembly, showing various layers and components of a semiconductor device.

Enabling the Future Amkor Technology Investor Presentation

July 2025

Disclaimer

Non-GAAP Measures

This presentation contains certain measures that are not defined terms under U.S. generally accepted accounting principles (“GAAP”). These non-GAAP measures should not be considered in isolation or as a substitute for, or superior to, measures of liquidity or performance prepared in accordance with U.S. GAAP and may not be comparable to calculations of similarly titled measures by other companies. See the Appendix for a description of these financial measures and a reconciliation of all such non-GAAP financial measures to the most directly comparable U.S. GAAP financial measures.

Forward-Looking Statement Disclaimer

This presentation contains forward-looking statements within the meaning of the federal securities laws. You are cautioned not to place undue reliance on forward-looking statements, which are often characterized by terminology such as “may,” “will,” “should,” “expects,” “plans,” “anticipates,” “believes,” “estimates,” “predicts,” “potential,” “continue,” or “intend,” by the negative of these terms or other comparable terminology or by discussions of strategy, plans or intentions. All forward-looking statements in this presentation are made based on our current expectations, forecasts, estimates and assumptions. Because such statements include risks and uncertainties, actual results may differ materially from those anticipated in such forward-looking statements as a result of various factors, including those set forth in our Annual Report on Form 10-K for the year ended December 31, 2024 (the “Form 10-K”) and from time to time in our other reports filed with or furnished to the Securities and Exchange Commission (“SEC”). You should carefully consider the trends, risks and uncertainties described in this presentation, the Form 10-K and other reports filed with or furnished to the SEC before making any investment decision with respect to our securities. If any of these trends, risks or uncertainties continues or occurs, our business, financial condition or operating results could be materially and adversely affected, the trading prices of our securities could decline, and you could lose part or all of your investment. All forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by this cautionary statement. We assume no obligation to review or update any forward-looking statements to reflect events or circumstances occurring after the date of this presentation, except as may be required by applicable law.

Amkor at a Glance

+55 Years

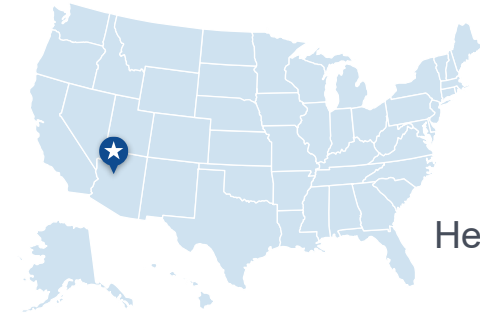


of experience packaging and testing semiconductors

\$6.3B 2024 Revenue

Global OSAT

Broad geographic footprint in 8 countries



Largest

US

Headquartered OSAT

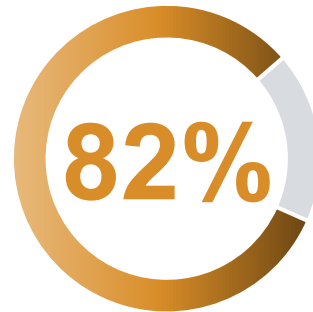
U.S. based manufacturing coming soon¹

Trusted Partner

Global semiconductor companies rely on Amkor



2024 Advanced Packaging
% of Revenue

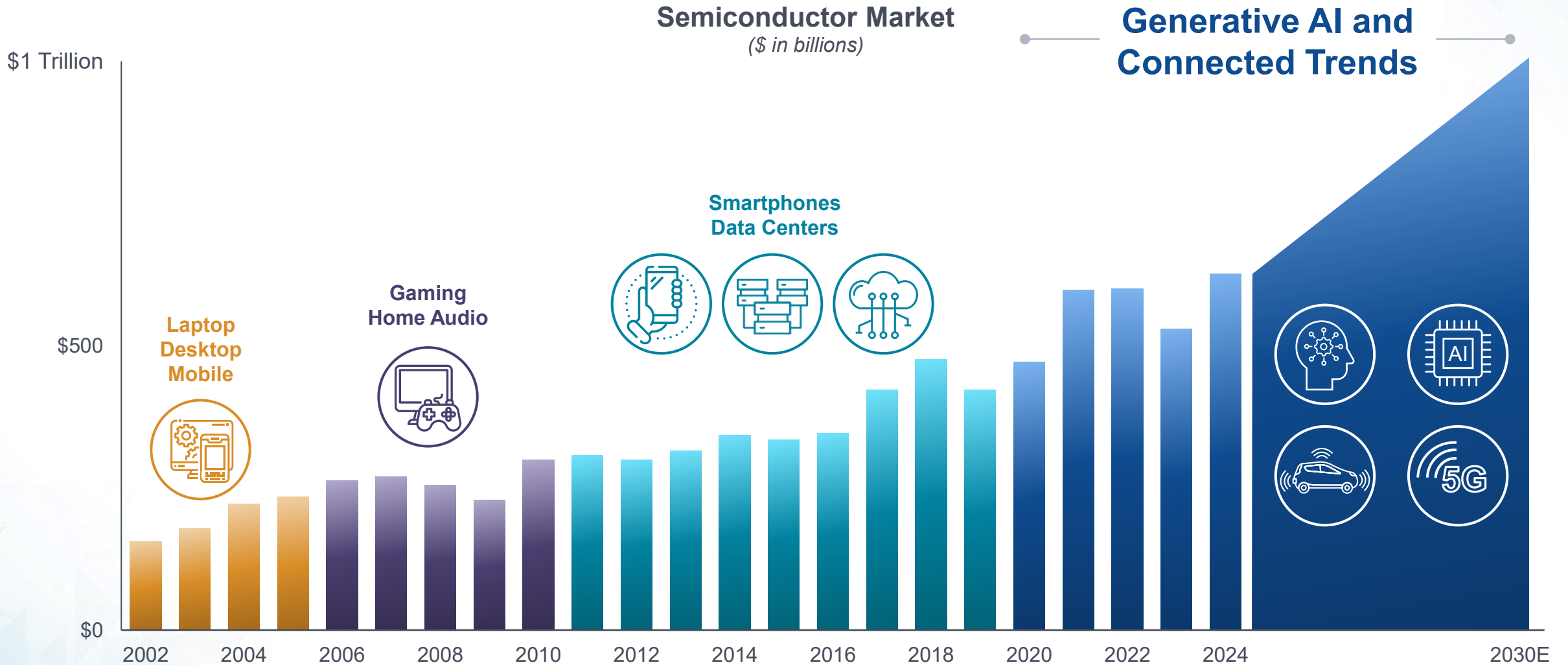


Advanced Packaging Revenue CAGR² 16%



Investing for our future
Advanced technology supporting HPC, SiP and Test

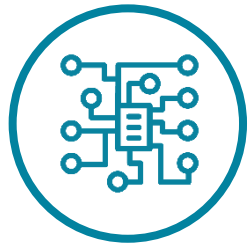
Increasing Total Addressable Market



Packaging and Test Integral to Semiconductor Supply Chain

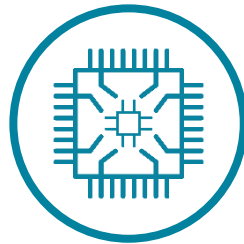
Early design engagement with OEMs and semiconductor companies enhances packaging innovation

Original Equipment
Manufacturers



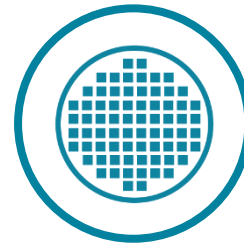
Smartphone & Tablet
Hyperscalers, PC
Automotive
Consumer Electronics

Semiconductor
Companies



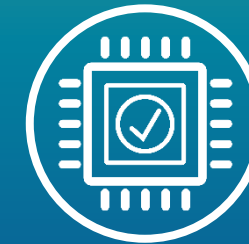
Fabless
IDM

Wafer
Manufacturing



Wafer Foundry
IDM Fab

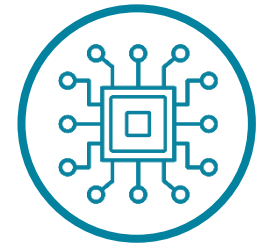
Packaging
and Test



OSAT
IDM Factory



Final Product
Assembly



EMS

Amkor's Turnkey Service Offering

Reduce Cycle Time, Increase Value



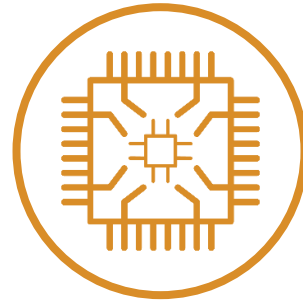
Design
Innovation



Materials
Management



Wafer Bump,
Probe, Dicing



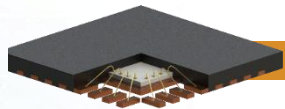
Package
Assembly



Final Test
Burn-in, SLT



Drop
Ship



Leadframe, Power



MEMS & Sensors



Memory



Flip Chip, PoP MCM



2.5D, High-Density Fan-
Out



SiP, Heterogeneous
Integration

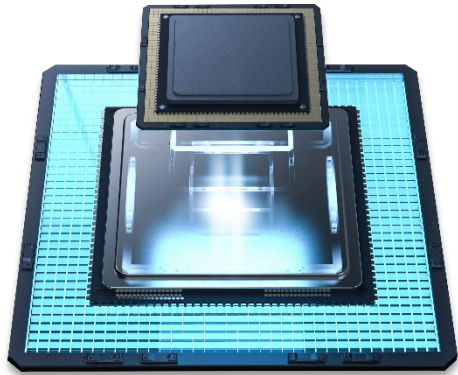


WLFO

Executing Our Strategy to Deliver Shareholder Value

Technology

Leverage Advanced Packaging Leadership



Tier 1 OSAT with complete Advanced packaging and test portfolio

Trusted innovation partner for industry leaders

Proven operational excellence track record

Geographic Footprint

Support Global & Enable Local Supply Chains



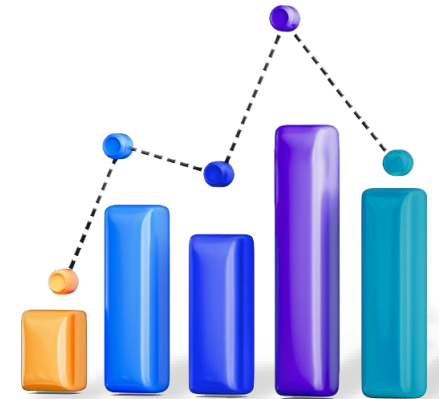
Broadest OSAT geographic footprint

Expanding in U.S., Korea and Portugal

Well positioned to enable regional supply chains

Markets

Focus on Industry Megatrends



5G communications

HPC and AI

Automotive electronics

IoT devices

Amkor is an Advanced Packaging Leader

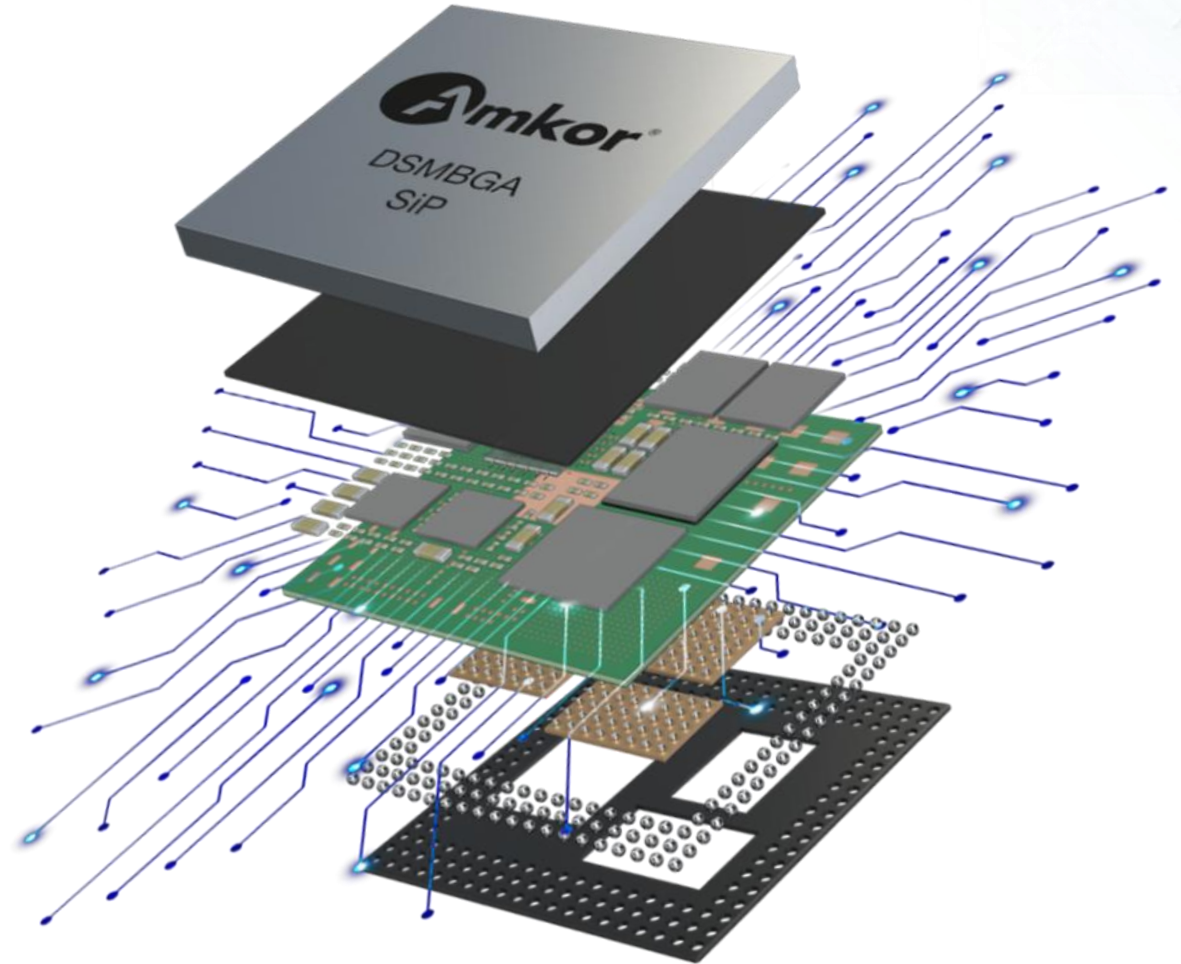
Optimize Power, Performance
and Area with
Packaging Design & Materials

Increased Silicon Complexity

Heterogeneous Integration

Larger Module Size or
Miniaturization

Enhanced Material
Performance




Broad Geographic Footprint

13 Million Square Feet (1.2M sqm) of Manufacturing Space



 Amkor Headquarters

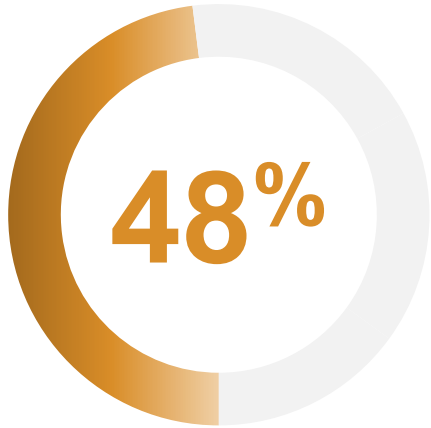
 Assembly & Test Facility

 Customer Support Center

Diversified End Markets

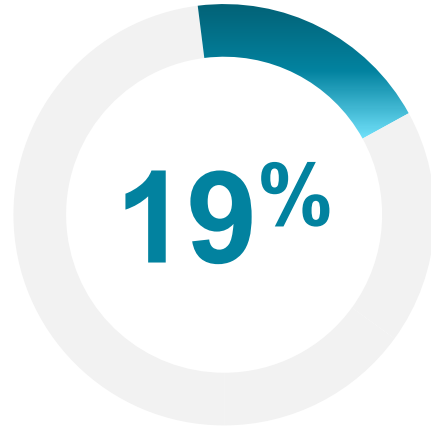
Leveraged to Industry Megatrends

2024 Results



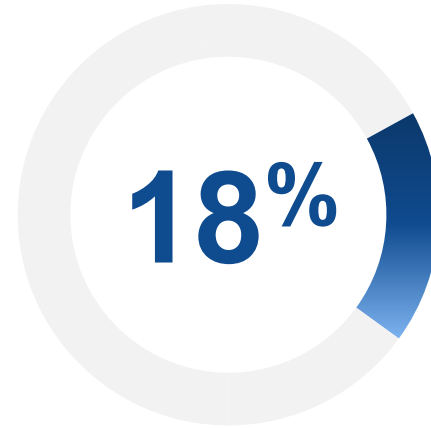
Communications

Smartphones | Tablets



Computing

Data Center | Infrastructure
PC/Laptops | Storage



Automotive & Industrial

ADAS | Electrification
Infotainment | Safety



Consumer

AR & Gaming | Connected
Home | Home Electronics |
Wearables

Communications

Amkor Supports All Smartphone Functions



— Megatrend Drivers —

- ✓ On-device AI
- ✓ Increasing performance requirements
- ✓ 5G and RF functionality

High Performance Computing

Amkor's Capabilities Support All Big Data Requirements

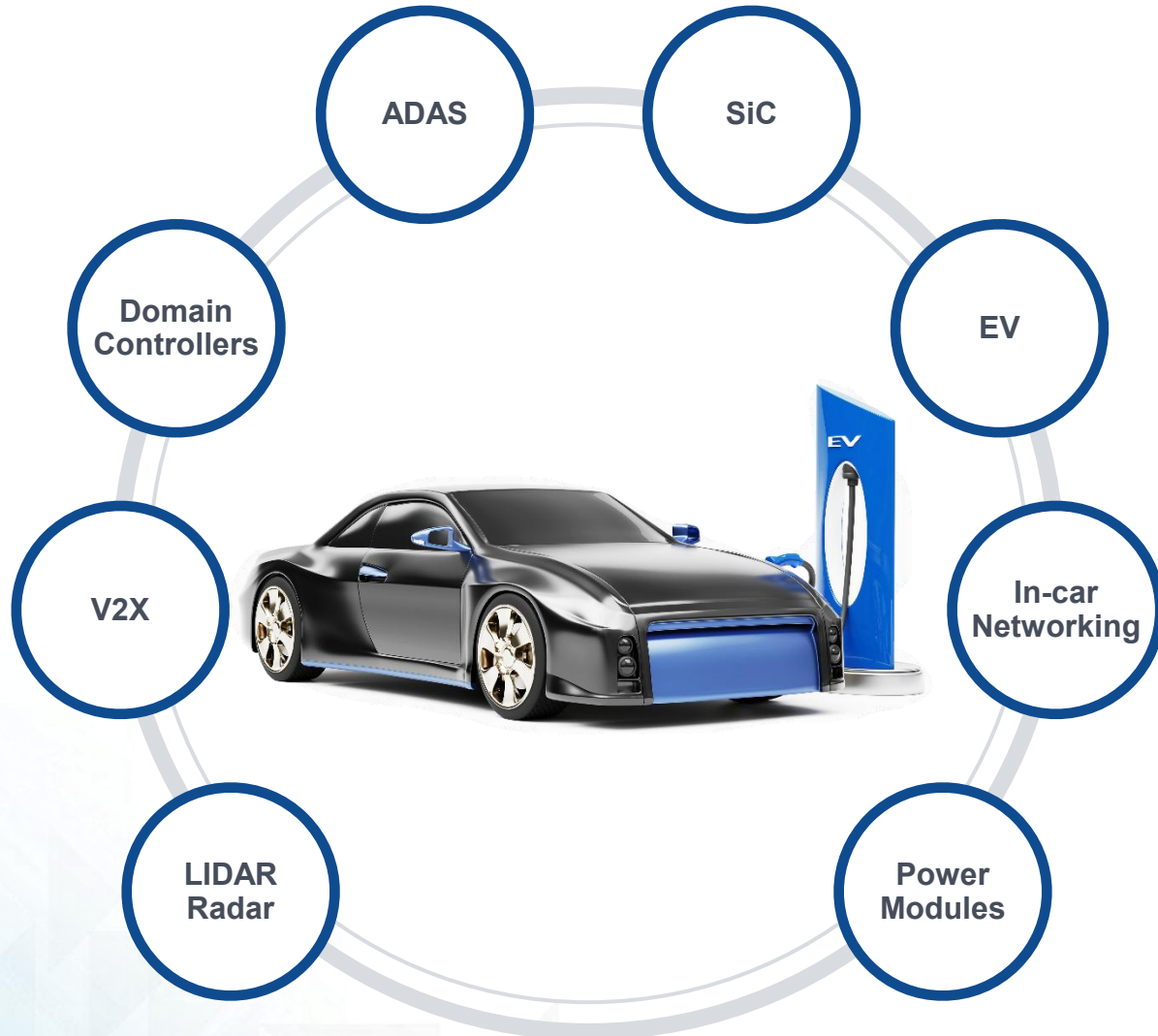


— Megatrend Drivers —

- ✓ AI inference and training
- ✓ Data routing and networking
- ✓ Custom silicon solutions, new fabless entrants

Automotive Electrification

Amkor is a Leading Automotive OSAT



— Megatrend Drivers —

- ✓ Autonomous functionality
- ✓ Infotainment, telematics, digital cockpit
- ✓ Electrification

IoT Consumer Products

Amkor is Enabling the Proliferation of IoT

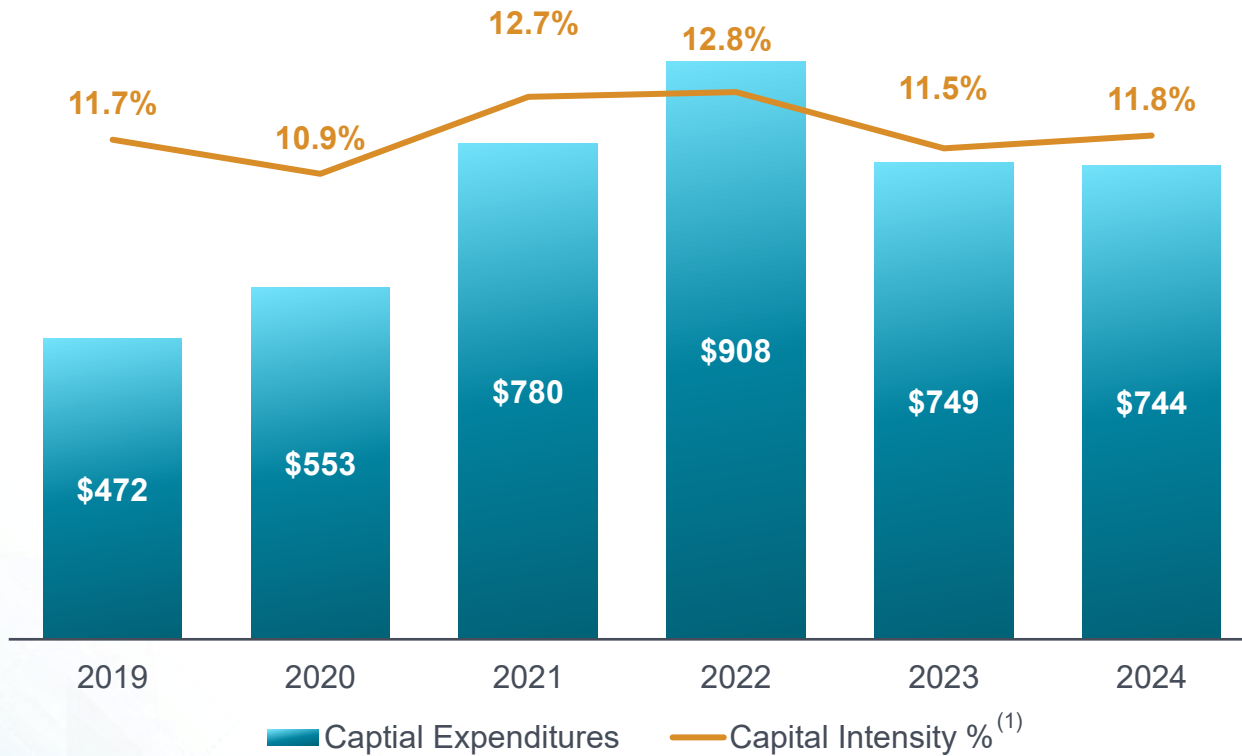


— Megatrend Drivers —

- ✓ Ultra small form factor with multiple functions
- ✓ Hearables, wearables, fitness and health, smart homes
- ✓ Connected everything

CapEx Supports Growth and Innovation

Capital Expenditures
(\$ in millions)



Expect 2025
Capital Expenditures⁽²⁾
of Around

\$850M

Key Areas of Investment

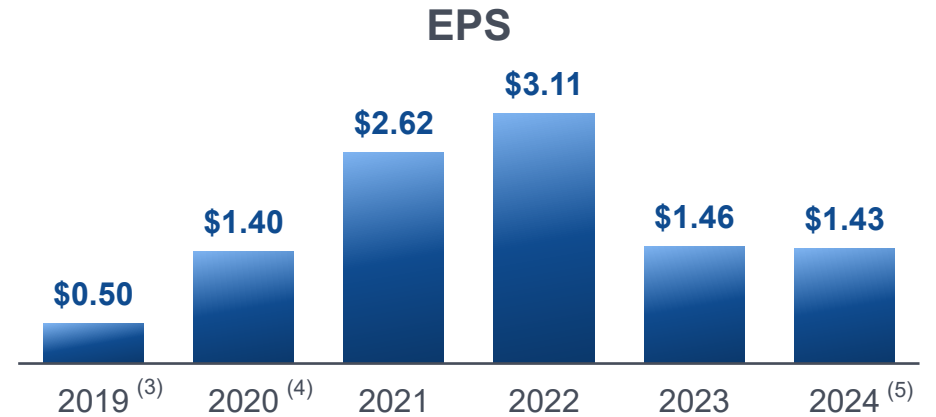
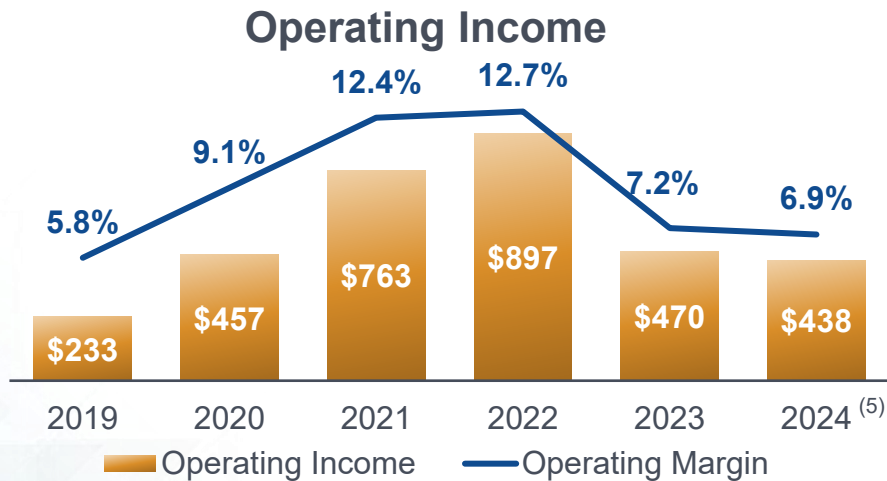
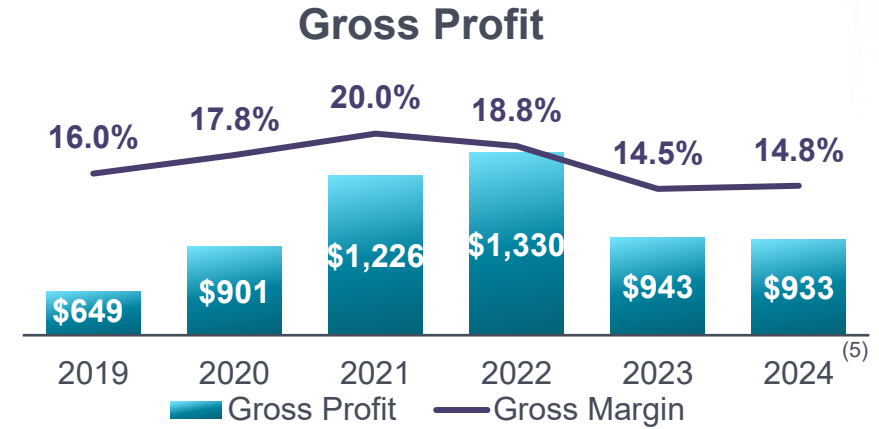
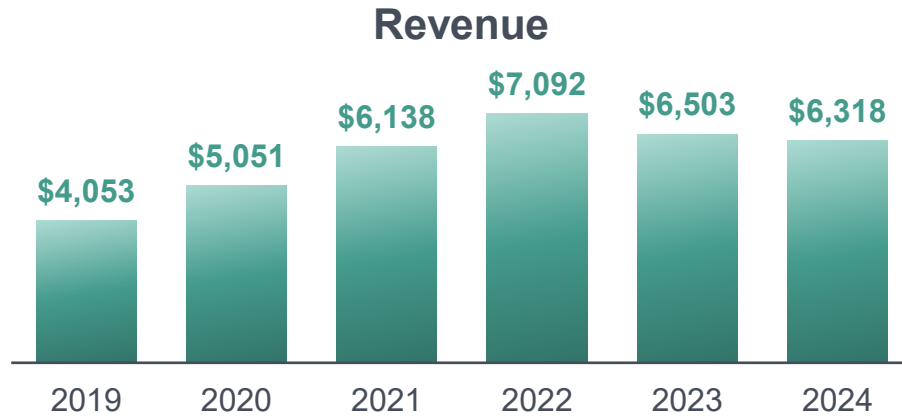
Advanced Technology supporting
the HPC market, SiP, Test

Expanding in the U.S.,
Korea and Portugal

See corresponding endnotes on slide 24.

Financial Results

(\$ in millions except for EPS)

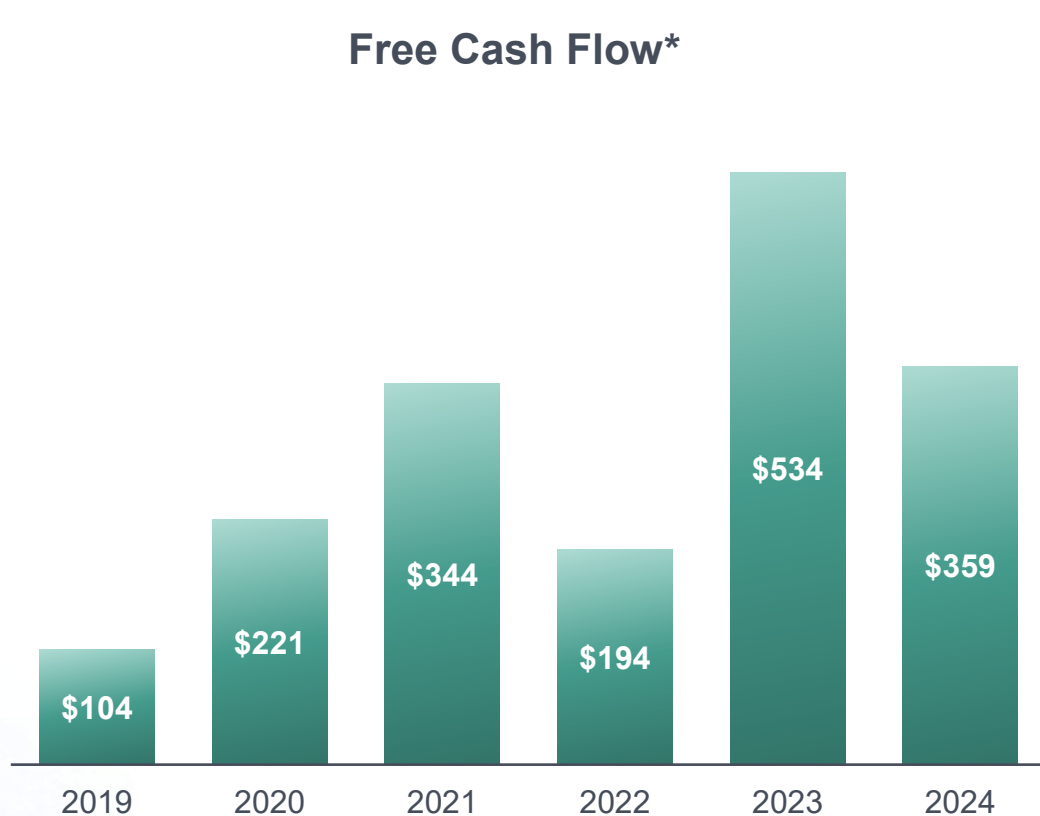


See corresponding endnotes on slide 24.

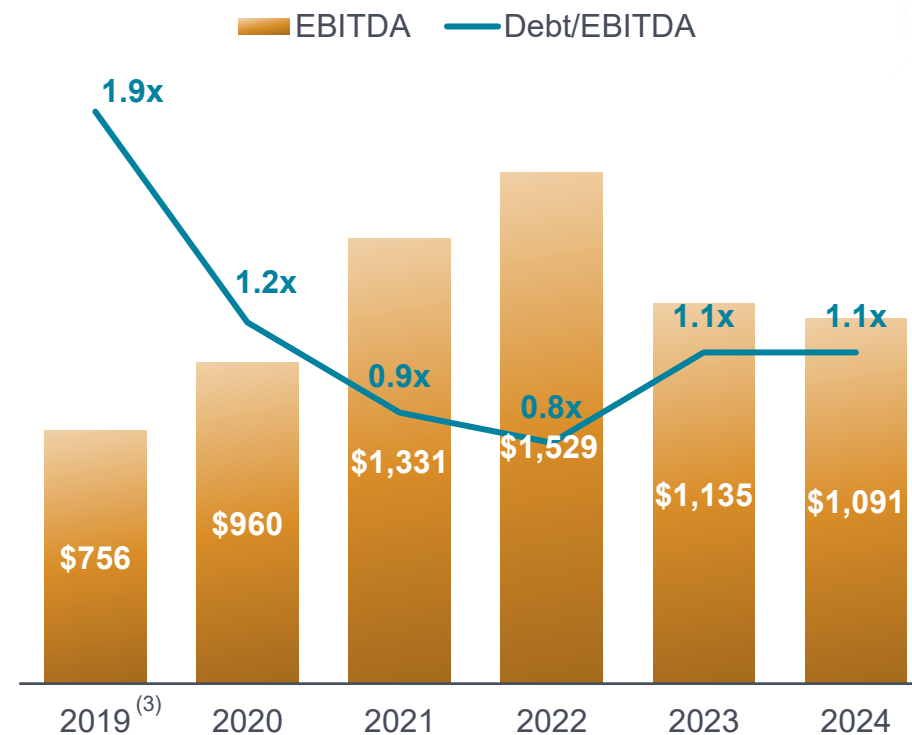
Free Cash Flow and Leverage

(\$ in millions)

Free Cash Flow*



EBITDA and Leverage*



See corresponding endnotes on slide 24.

*See discussion of Non-GAAP measures on slide 23 and the reconciliation to the most directly comparable GAAP measure on slides 21-22.

Balanced and Disciplined Capital Allocation Strategy

Invest in Organic Growth

- ▶ Invest in manufacturing scale and in diversifying global footprint
- ▶ Invest in R&D to enhance technology in partnership with lead customers

Maintain Balance Sheet Strength & Flexibility

- ▶ Debt to EBITDA* at or below 1.5X
- ▶ Maintain strong liquidity for maximum flexibility

Strategic Investments

- ▶ Support regional semiconductor supply chains
- ▶ Tuck-in M&A for strategic business growth

Shareholder Returns

- ▶ Return 40%-50% of Free Cash Flow* over time¹
- ▶ Growth in regular quarterly dividend²

¹ Cumulative free cash flow starting 2022; ² Subject to Board approval

*See discussion of Non-GAAP measures on slide 23 and the reconciliation to the most directly comparable GAAP measure on slides 21-22.

Corporate Responsibility Commitment

Mission

Amkor delivers agile and dependable manufacturing and supply chain solutions developed in close collaboration with our customers.



Reporting Frameworks

- ▶ SASB Semiconductor Standard
- ▶ CDP (Carbon Disclosure Project)

Governance

- ▶ Nominating and Governance Committee
- ▶ Corporate Compliance & Responsibility Committee

Industry Coalition

- ▶ Responsible Business Alliance
- ▶ Responsible Minerals Initiative
- ▶ Semiconductor Climate Consortium

Environmental Goals

- ▶ 20% reduction in water usage and waste generation by 2030

Climate Change – Net Zero Emissions by 2050

- ▶ The SBTi has verified Amkor's net-zero science-based target by 2050
- ▶ Near-term target: 55% absolute reduction in Scope 1 and 2 GHG emissions by 2033

Appendix

Financial Reconciliation Tables

<i>(\$ in millions)</i>	2019 ^{(3), (6)}	2020 ⁽⁴⁾	2021	2022	2023	2024 ⁽⁵⁾
Net Income	\$123	\$340	\$646	\$767	\$362	\$356
Plus: Interest Expense	72	64	52	59	59	65
Plus: Income Tax Expense	37	46	69	90	82	75
Plus: Depreciation & Amortization	524	510	564	613	632	595
EBITDA*	\$756	\$960	\$1,331	\$1,529	\$1,135	\$1,091
Total Debt	\$1,450	\$1,154	\$1,138	\$1,232	\$1,203	\$1,159
Debt to Net Income	11.8	3.4	1.8	1.6	3.3	3.3
Debt to EBITDA*	1.9	1.2	0.9	0.8	1.1	1.1

See corresponding endnotes on slide 24.

*See discussion of Non-GAAP measures on slide 23.

Financial Reconciliation Tables

<i>(\$ in millions)</i>	2019	2020	2021	2022	2023	2024
Net Cash Provided by Operating Activities	\$564	\$770	\$1,121	\$1,099	\$1,270	\$1,089
Less: Payments for Property, Plant and Equipment	(472)	(553)	(780)	(908)	(749)	(744)
Plus: Proceeds from Sale of, Insurance Recovery for and Grants for Property, Plant and Equipment	12	4	3	3	13	14
Free Cash Flow*	\$104	\$221	\$344	\$194	\$534	\$359

*See discussion of Non-GAAP measures on slide 23.

Non-GAAP Measures

Generally, a non-GAAP financial measure is a numerical measure of a company's performance, financial position or cash flows that either excludes or includes amounts that are not normally excluded or included in the most directly comparable measure calculated and presented in accordance with U.S. GAAP.

In this presentation we refer to EBITDA and Debt to EBITDA (Leverage), which are not defined by U.S. GAAP. We define EBITDA as net income before interest expense, income tax expense and depreciation and amortization. Debt to EBITDA is calculated by dividing Total Debt by EBITDA for the period. We believe EBITDA and Debt to EBITDA to be relevant and useful information to our investors because they provide additional information in assessing our financial operating results. Our management uses EBITDA and Debt to EBITDA in evaluating our operating performance, and our ability to service debt, fund capital expenditures and pay dividends. However, EBITDA and Debt to EBITDA have certain limitations in that they do not reflect the impact of certain expenses on our consolidated statements of income, including interest expense, which is a necessary element of our costs because we have borrowed money in order to finance our operations, income tax expense, which is a necessary element of our costs because taxes are imposed by law, and depreciation and amortization, which is a necessary element of our costs because we use capital assets to generate income. EBITDA and Debt to EBITDA should be considered in addition to, and not as a substitute for, or superior to, operating income, net income, net income margin, debt to net income or other measures of financial performance prepared in accordance with U.S. GAAP. Furthermore, our definition of EBITDA may not be comparable to similarly titled measures reported by other companies. Please see Slide 21 for the reconciliation of these non-GAAP measures to the most directly comparable U.S. GAAP measures.

Free cash flow is not defined by U.S. GAAP. We define Free Cash Flow as net cash provided by operating activities less payments for property, plant and equipment, plus proceeds from the sale of, insurance recovery for and grants for property, plant and equipment, if applicable. We believe Free Cash Flow to be relevant and useful information to our investors because it provides them with additional information in assessing our liquidity, capital resources and financial operating results. Our management uses Free Cash Flow in evaluating our liquidity, our ability to service debt, and our ability to fund capital expenditures and pay dividends. However, Free Cash Flow has certain limitations, including that it does not represent the residual cash flow available for discretionary expenditures since other, non-discretionary expenditures, such as mandatory debt service, are not deducted from the measure. The amount of mandatory versus discretionary expenditures can vary significantly between periods. This measure should be considered in addition to, and not as a substitute for, or superior to, other measures of liquidity or financial performance prepared in accordance with U.S. GAAP, such as net cash provided by operating activities. Furthermore, our definition of Free Cash Flow may not be comparable to similarly titled measures reported by other companies. Please see Slide 22 for the reconciliation to the most directly comparable U.S. GAAP measure.

Endnotes

1. Capital intensity is defined as capital expenditures as a percentage of net sales.
2. This financial guidance is from our July 28, 2025 earnings release and is reproduced here for convenience of reference only. This reference is not intended, and should not be relied upon, as a reaffirmation or other commentary with respect to such financial guidance. Please see slide 2.
3. 2019 net income includes an \$8 million charge, or \$0.03 per share, related to the early redemption of \$525 million of senior notes due 2022 and a net \$11 million discrete income tax charge, or \$0.05 per diluted share, related to changes in the valuation of certain deferred tax assets.
4. 2020 net income includes a \$20 million discrete income tax benefit, or \$0.08 per diluted share, primarily related to changes in the valuation of certain deferred tax assets.
5. We periodically assess the estimated useful lives of our property, plant and equipment. Based on our assessment of test equipment and its increased interchangeability enabling broader and longer use, we extended the estimated useful lives of test equipment from five years to seven years as of January 1, 2024. As a result, depreciation expense was reduced by approximately \$59 million for the year ended December 31, 2024. This benefited net income by approximately \$49 million and diluted earnings per share by \$0.20. In addition, the reduction in depreciation expense benefited our gross margin by approximately 80 basis points for the year ended December 31, 2024.
6. In Q1 2020, we repaid \$120 million of our term loan due December 2023 with proceeds from a term loan entered into in December 2019, thus increasing our outstanding debt at Q4 2019 period end.



ENABLING the FUTURE

Thank You

