

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

May 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

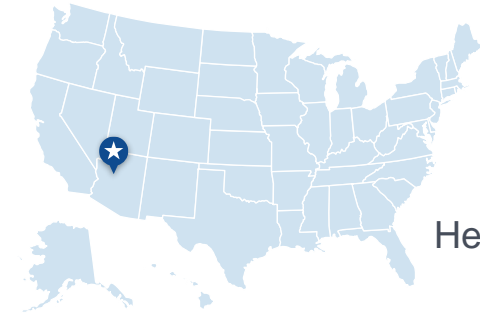


of experience packaging and testing semiconductors

\$6.3B 2024 Revenue

## Global OSAT

Broad geographic footprint in 8 countries



Largest  
**US**

Headquartered  
OSAT

U.S. based manufacturing coming soon<sup>1</sup>

## Trusted Partner

Global semiconductor companies rely on Amkor



2024 Advanced Packaging  
% of Revenue

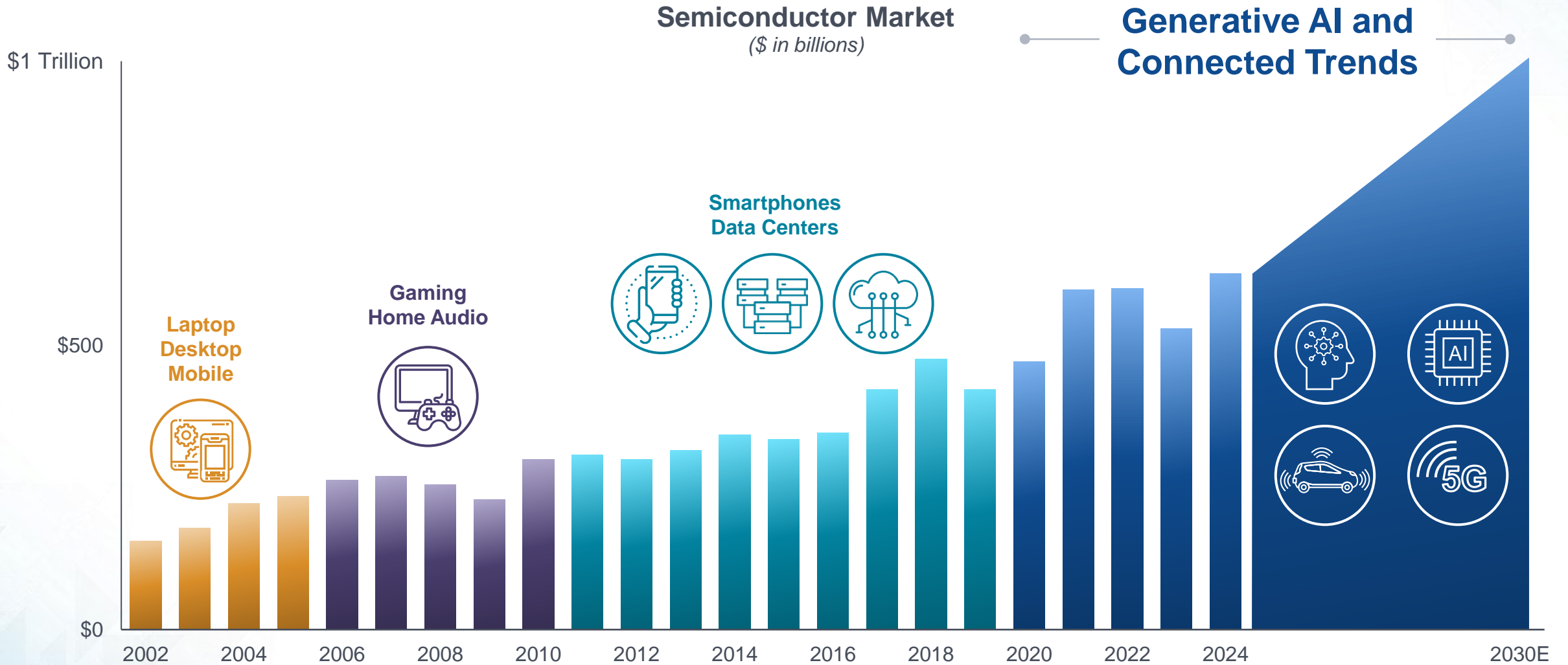


Advanced Packaging Revenue CAGR<sup>2</sup> 16%



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

# Increasing Total Addressable Market

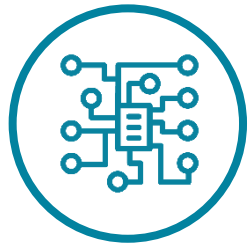


Source: Gartner, McKinsey

# Packaging and Test Integral to Semiconductor Supply Chain

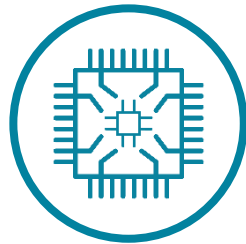
Early design engagement with OEMs and semiconductor companies enhances packaging innovation

Original Equipment  
Manufacturers



Smartphone & Tablet  
Hyperscalers, PC  
Automotive  
Consumer Electronics

Semiconductor  
Companies



Fabless  
IDM

Wafer  
Manufacturing



Wafer Foundry  
IDM Fab

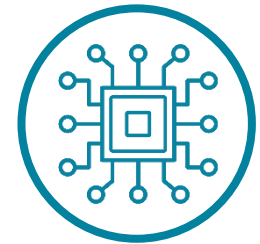
Packaging  
and Test



OSAT  
IDM Factory



Final Product  
Assembly



EMS

# Amkor's Turnkey Service Offering

Reduce Cycle Time, Increase Value



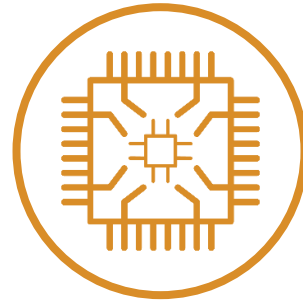
Design  
Innovation



Materials  
Management



Wafer Bump,  
Probe, Dicing



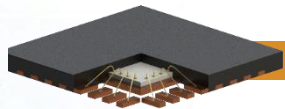
Package  
Assembly



Final Test  
Burn-in, SLT



Drop  
Ship



Leadframe, Power



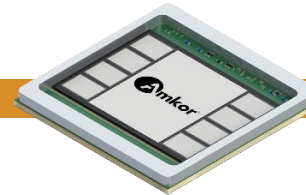
MEMS & Sensors



Memory



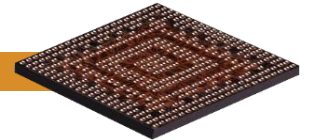
Flip Chip, PoP MCM



2.5D, 3D,  
High density RDL &  
bridge interconnects



SiP, Heterogeneous  
Integration

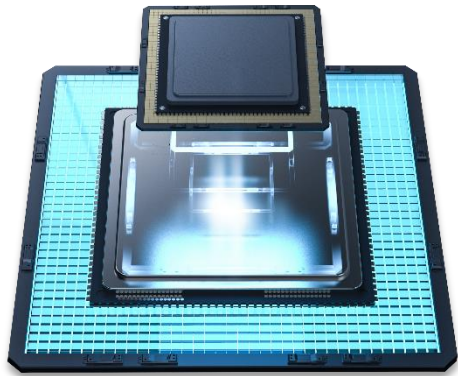


WLFO

# 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



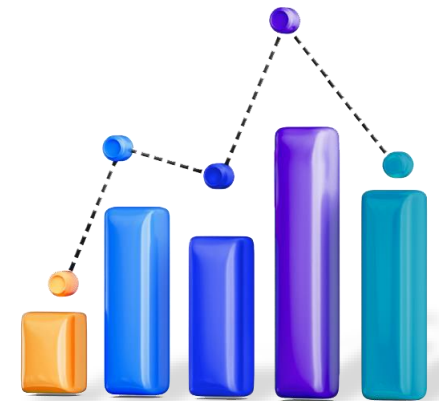
Broadest OSAT geographic footprint

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

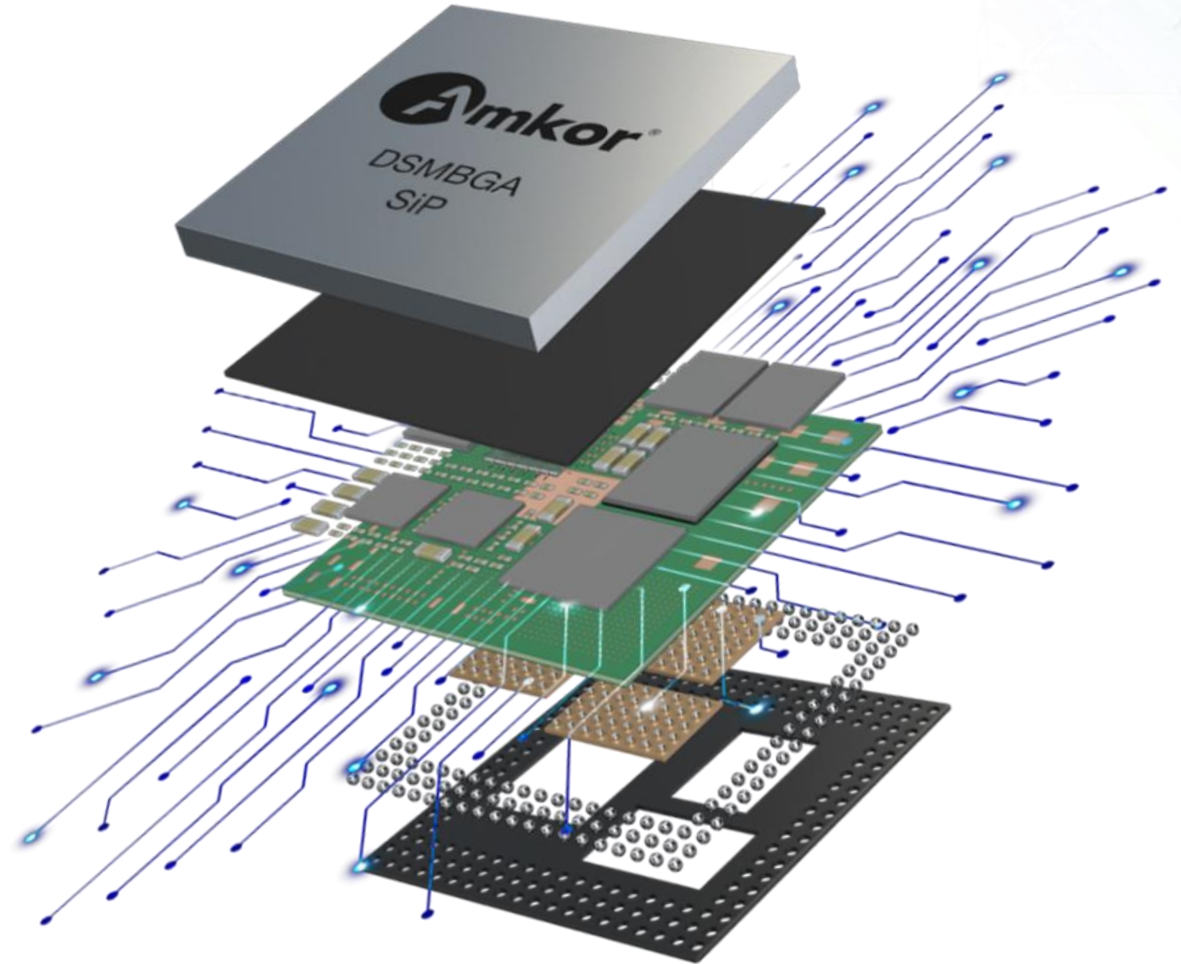
Optimize Power, Performance  
and Area with  
Packaging Design & Materials

Increased Silicon Complexity

Heterogeneous Integration

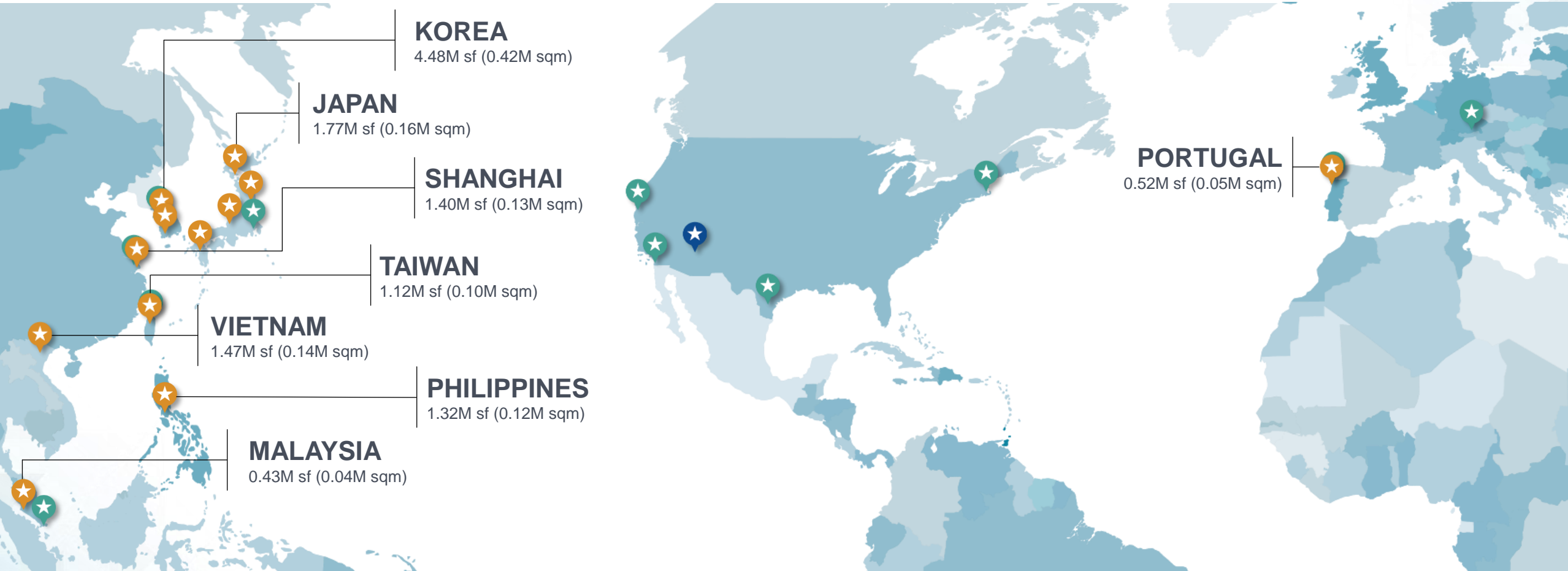
Larger Module Size or  
Miniaturization

Enhanced Material  
Performance





# Broad Geographic Footprint

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



 Amkor Headquarters

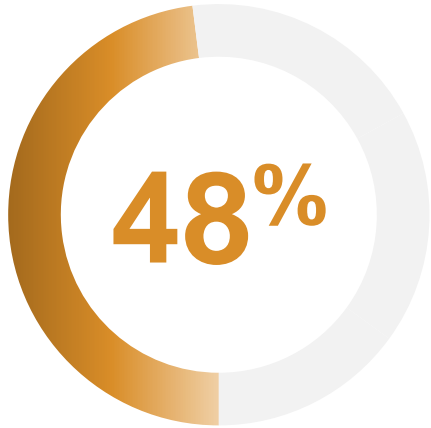
 Assembly & Test Facility

 Customer Support Center

# Diversified End Markets

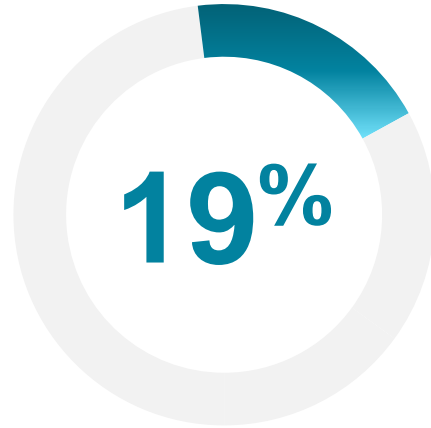
## Leveraged to Industry Megatrends

2024 Results



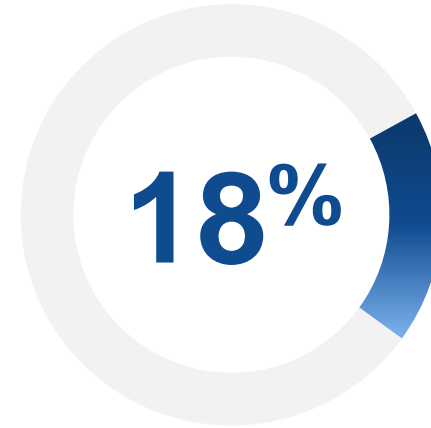
### Communications

Smartphones | Tablets



### Computing

Data Center | Infrastructure  
PC/Laptops | Storage



### Automotive & Industrial

ADAS | Electrification  
Infotainment | Safety

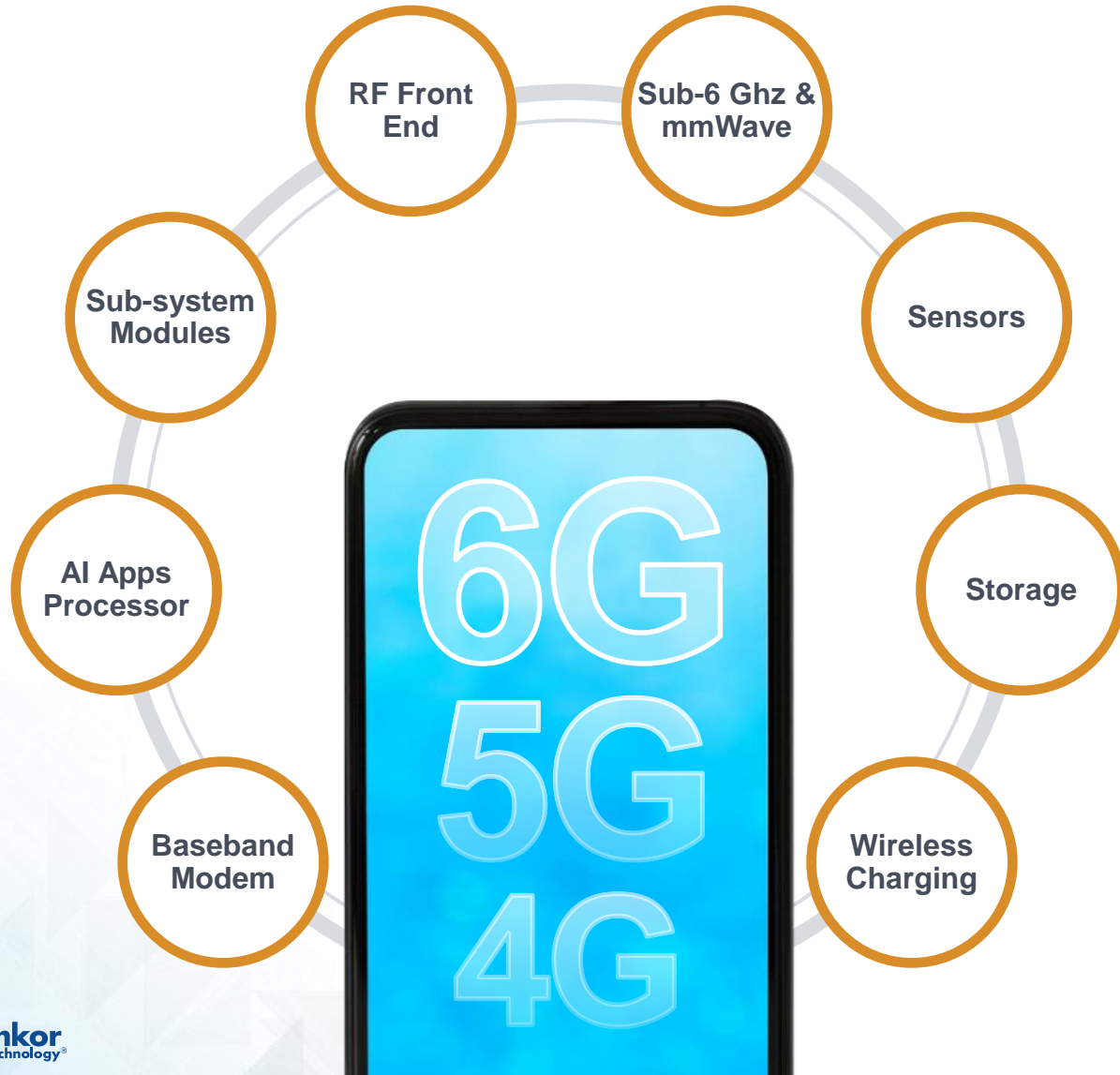


### Consumer

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

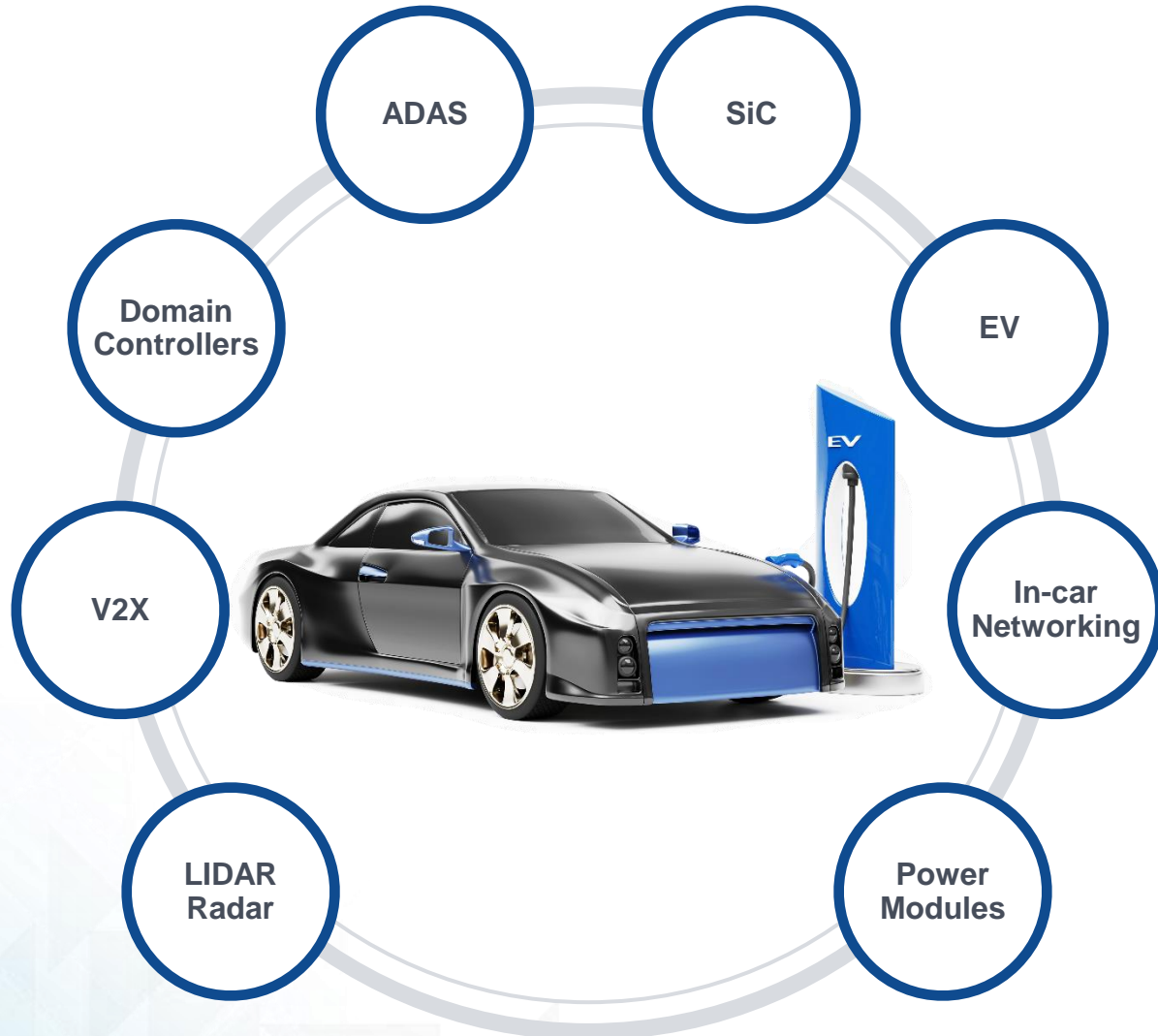


## — Megatrend Drivers —

- ✓ 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

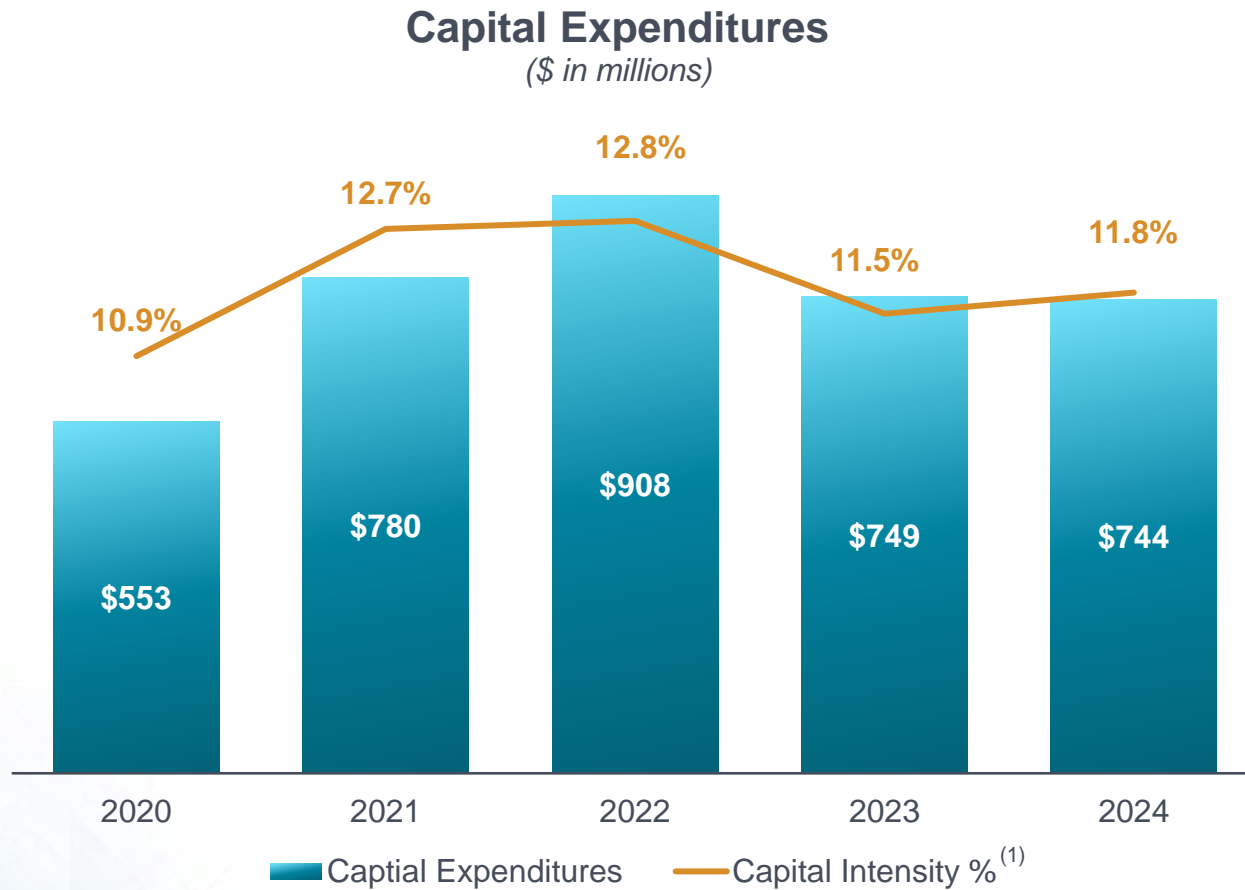
Amkor is Enabling the Proliferation of IoT



## — Megatrend Drivers —

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

# CapEx Supports Growth and Innovation



Expect 2025  
Capital Expenditures<sup>(2)</sup>  
of Around

**\$850M**

## Key Areas of Investment

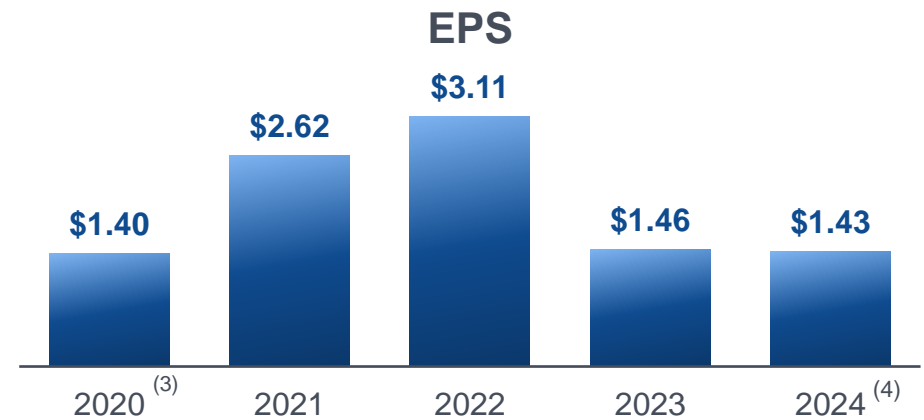
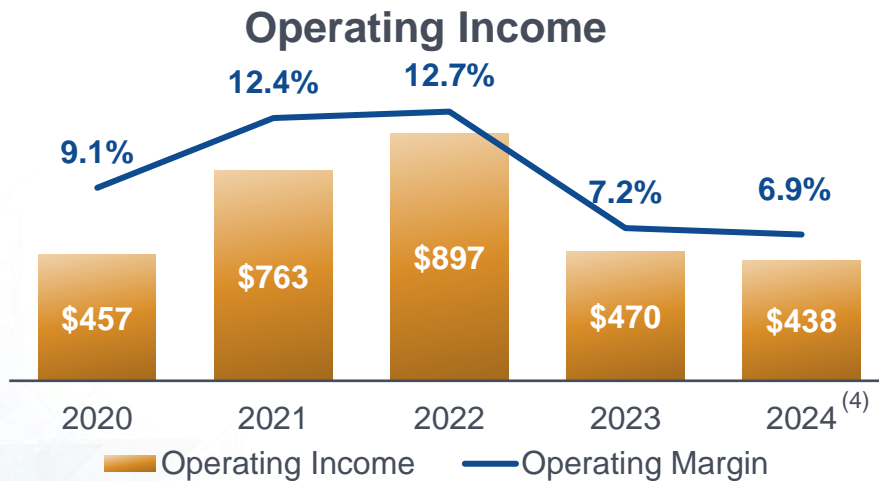
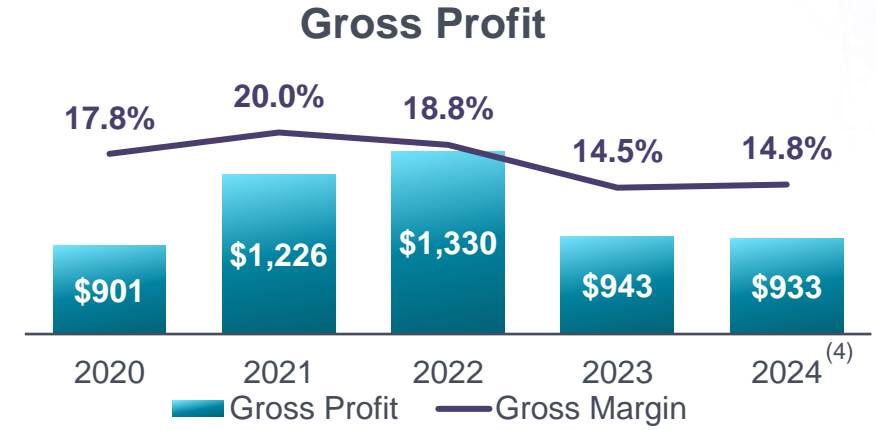
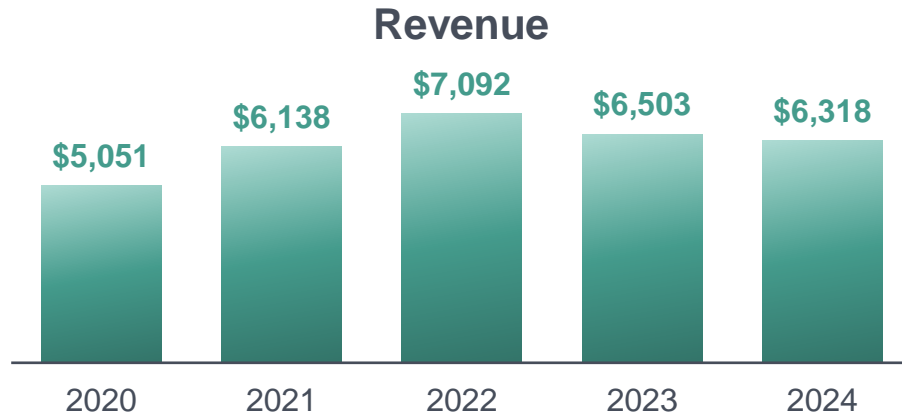
Advanced Technology supporting  
the HPC market, SiP, Test

Expanding in the U.S.,  
Korea and Portugal

See corresponding endnotes on slide 24.

# Financial Results

(\$ in millions except for EPS)

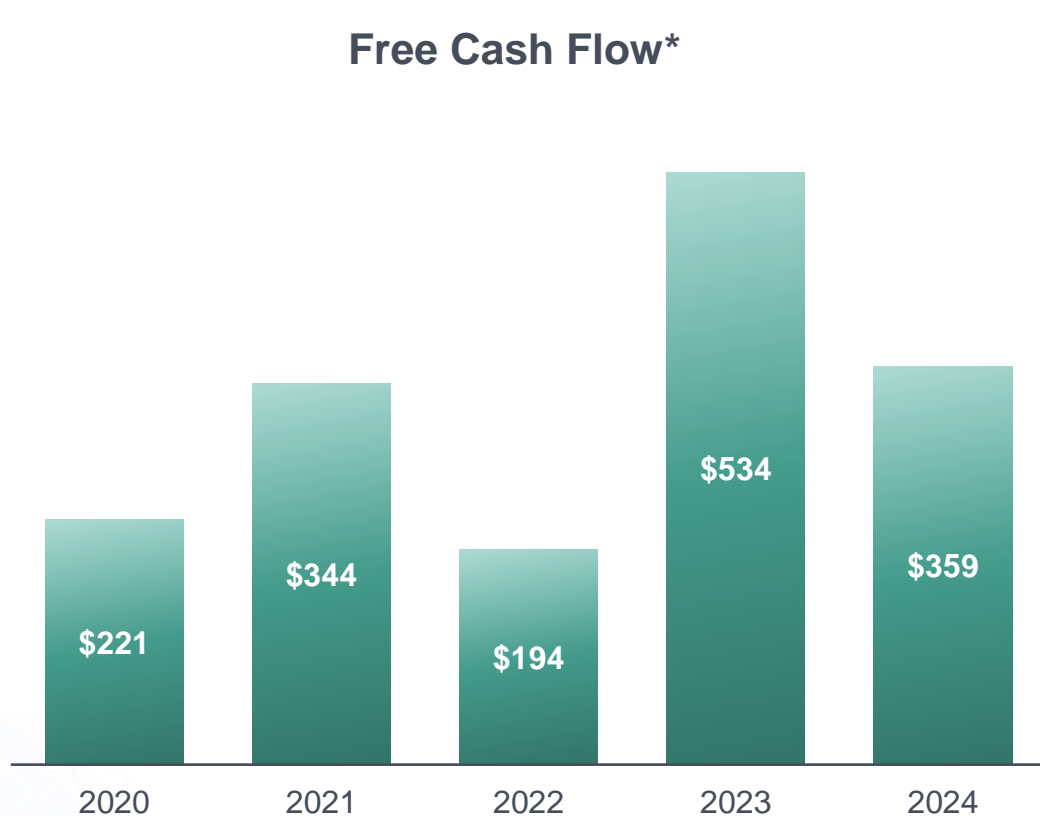


See corresponding endnotes on slide 24.

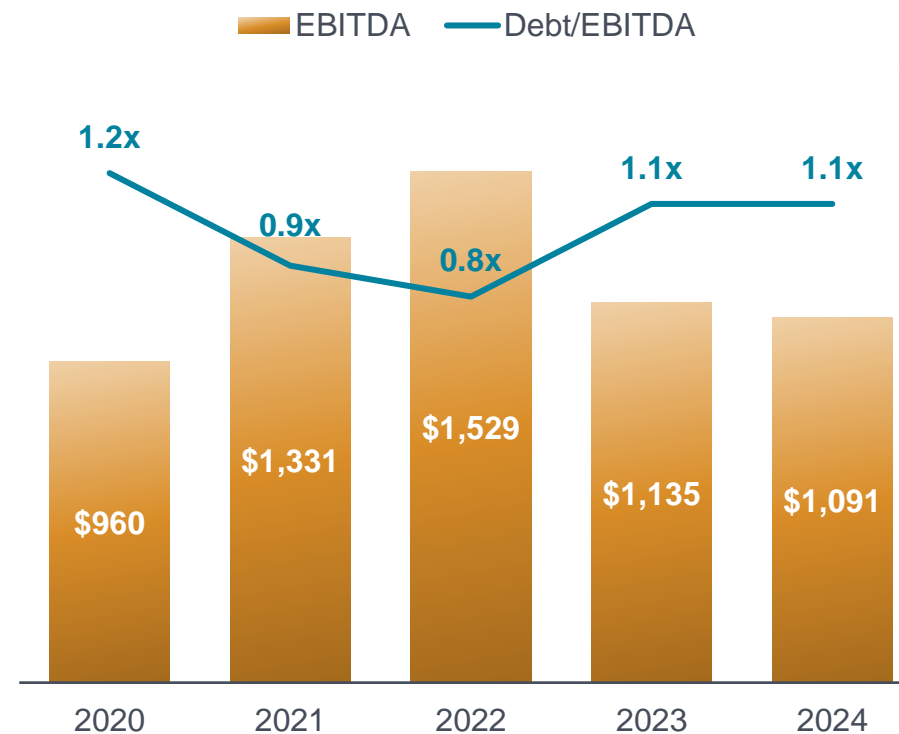
# Free Cash Flow and Leverage

(\$ in millions)

### Free Cash Flow\*



### EBITDA and Leverage\*



\*See 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
- ▶ Selective M&A for strategic business growth

## Shareholder Returns

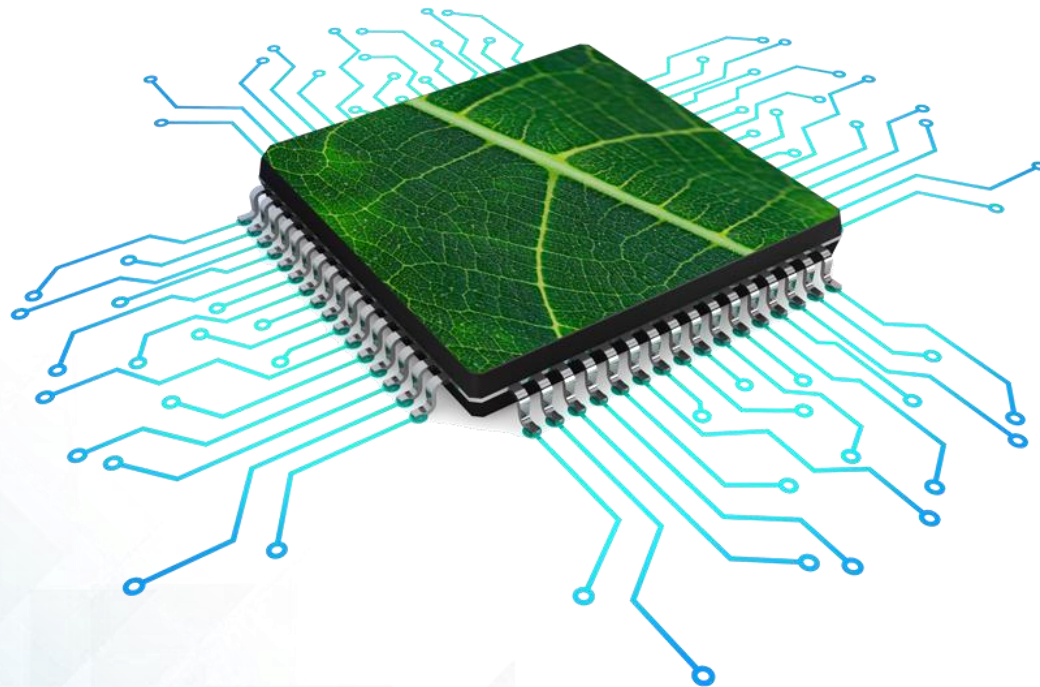
- ▶ Return 40%-50% of Free Cash Flow\* over time<sup>1</sup>
- ▶ Growth in regular quarterly dividend<sup>2</sup>

<sup>1</sup> Cumulative free cash flow starting 2022; <sup>2</sup> 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

Pursue agile and dependable manufacturing that drives sustainable practices, aligns with our core values of reliability and trust and maintains our commitments to customers, suppliers, employees, business partners and stockholders



### Reporting Frameworks

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

### Governance

- ▶ Nominating and Governance Committee
- ▶ ESG Committee

### Industry Coalition

- ▶ Responsible Business Alliance
- ▶ Responsible Minerals Initiative

### 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>	2020 <sup>(3)</sup>	2021	2022	2023	2024 <sup>(4)</sup>
<b>Net Income</b>	<b>\$340</b>	<b>\$646</b>	<b>\$767</b>	<b>\$362</b>	<b>\$356</b>
Plus: Interest Expense	64	52	59	59	65
Plus: Income Tax Expense	46	69	90	82	75
Plus: Depreciation & Amortization	510	564	613	632	595
<b>EBITDA*</b>	<b>\$960</b>	<b>\$1,331</b>	<b>\$1,529</b>	<b>\$1,135</b>	<b>\$1,091</b>
<b>Revenue</b>	<b>\$5,051</b>	<b>\$6,138</b>	<b>\$7,092</b>	<b>\$6,503</b>	<b>\$6,318</b>
<b>Net Income Margin</b>	<b>6.7%</b>	<b>10.5%</b>	<b>10.8%</b>	<b>5.6%</b>	<b>5.6%</b>
<b>EBITDA Margin*</b>	<b>19.0%</b>	<b>21.7%</b>	<b>21.5%</b>	<b>17.4%</b>	<b>17.3%</b>
<b>Total Debt</b>	<b>\$1,154</b>	<b>\$1,138</b>	<b>\$1,232</b>	<b>\$1,203</b>	<b>\$1,159</b>
Less: Cash and Cash Equivalents	(698)	(827)	(959)	(1,120)	(1,133)
Less: Short Term Investment	(134)	(252)	(282)	(475)	(513)
<b>Net Debt*</b>	<b>\$322</b>	<b>\$59</b>	<b>(\$9)</b>	<b>(\$392)</b>	<b>(\$487)</b>
<b>Debt/Net Income Ratio</b>	<b>3.4</b>	<b>1.8</b>	<b>1.6</b>	<b>3.3</b>	<b>3.3</b>
<b>Debt to EBITDA*</b>	<b>1.2</b>	<b>0.9</b>	<b>0.8</b>	<b>1.1</b>	<b>1.1</b>

See corresponding endnotes on slide 24.

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

# Financial Reconciliation Tables

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

\*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 April 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. 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.
4. 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.



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ENABLING the FUTURE

Thank You

