



FEBRUARY 1, 2024

INVESTOR PRESENTATION



Forward-looking statements

This presentation and the accompanying oral remarks contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. We intend such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. All statements other than statements of historical facts contained in this presentation and the accompanying oral remarks, including statements regarding our future results of operations and financial position, business strategy, prospective products and the plans and objectives of management for future operations, including, among others, statements regarding the liquidity, growth and profitability strategies and factors and trends affecting our business are forward-looking statements. These statements involve known and unknown risks, uncertainties and other important factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements.

Without limiting the foregoing, in some cases, you can identify forward-looking statements by terms such as “aim,” “may,” “will,” “should,” “expect,” “exploring,” “plan,” “anticipate,” “could,” “intend,” “target,” “project,” “would,” “contemplate,” “believe,” “estimate,” “predict,” “potential,” “seek,” or “continue” or the negative of these terms or other similar expressions, although not all forward-looking statements contain these words. No forward-looking statement is a guarantee of future results, performance, or achievements, and one should avoid placing undue reliance on such statements.

Forward-looking statements are based on our management’s current expectations, beliefs and assumptions and on information currently available to us. Such beliefs and assumptions may or may not prove to be correct. Additionally, such forward-looking statements are subject to a number of known and unknown risks, uncertainties and assumptions, and actual results may differ materially from those expressed or implied in the forward-looking statements due to various factors, including, but not limited to, those identified in Part II, Item 7. “Management’s Discussion and Analysis of Financial Condition and Results of Operations,” and Part I, Item 1A. “Risk Factors” in our Annual Report on Form 10-K for the year ended March 31, 2023, as updated in Part II, Item 1A. “Risk Factors” in our Quarterly Report on Form 10-Q for the quarterly period ended September 29, 2023. These risks and uncertainties include, but are not limited to: downturns or volatility in general economic conditions; our ability to compete effectively, expand our market share and increase our net sales and profitability; our reliance on a limited number of third-party semiconductor wafer fabrication facilities and suppliers of other materials; our failure to adjust purchase commitments and inventory management based on changing market conditions or customer demand; shifts in our product mix or customer mix, which could negatively impact our gross margin; the risk that the expected benefits of acquisitions may not be realized or that integration of acquired businesses may not continue as rapidly as we anticipate; the cyclical nature of the analog semiconductor industry; any downturn or disruption in the automotive market; our ability to compensate for decreases in average selling prices of our products and increases in input costs; our ability to manage any sustained yield problems or other delays at our third-party semiconductor wafer fabrication facilities or in the final assembly and test of our products; our ability to accurately predict our quarterly net sales and operating results; our ability to adjust our supply chain volume to account for changing market conditions and customer demand; our dependence on manufacturing operations in the Philippines; our reliance on distributors to generate sales; the effects of COVID-19 on our supply chain and customer demand; our ability to develop new product features or new products in a timely and cost-effective manner; our ability to manage growth; any slowdown in the growth of our end markets; the loss of one or more significant customers; our ability to meet customers’ quality requirements; uncertainties related to the design win process and our ability to recover design and development expenses and to generate timely or sufficient net sales or margins; changes in government trade policies, including the imposition of export restrictions and tariffs; our exposures to warranty claims, product liability claims and product recalls; our dependence on international customers and operations; the availability of rebates, tax credits and other financial incentives on end-user demands for certain products; risks liabilities, costs and obligations related to governmental regulation and other legal obligations, including export control, privacy, data protection, information security, consumer protection, environmental and occupational health and safety, anti-corruption and anti-bribery, and trade controls; the volatility of currency exchange rates; our ability to raise capital to support our growth strategy; our indebtedness may limit our flexibility to operate our business; our ability to effectively manage our growth and to retain key and highly skilled personnel; our ability to protect our proprietary technology and inventions through patents or trade secrets; our ability to commercialize our products without infringing third-party intellectual property rights; disruptions or breaches of our information technology systems or those of our third-party service providers; our principal stockholders have substantial control over us; the inapplicability of the “corporate opportunity” doctrine to any director or stockholder who is not employed by us; anti-takeover provisions in our organizational documents and under the General Corporation Law of the State of Delaware; our inability to design, implement or maintain effective internal control over financial reporting; changes in tax rates or the adoption of new tax legislation; the negative impacts of sustained inflation on our business; disruptions in the banking and financial sector that limit our or our partners’ ability to access capital and borrowings; the physical, transition and litigation risks presented by climate change; and other events beyond our control. Moreover, we operate in an evolving environment. New risk factors and uncertainties may emerge from time to time, and it is not possible for management to predict all risk factors and uncertainties.

You should read this presentation and the documents that we reference completely and with the understanding that our actual future results may be materially different from what we expect. We qualify all of our forward-looking statements by these cautionary statements. All forward-looking statements speak only as of the date of this presentation, and except as required by applicable law, we do not plan to publicly update or revise any forward-looking statements, whether as a result of any new information, future events, changed circumstances or otherwise.

This presentation and the accompanying oral remarks include certain non-GAAP financial measures as defined by the Securities and Exchange Commission rules. These non-GAAP financial measures are provided in addition to, and not as a substitute for or superior to measures of, financial performance prepared in accordance with U.S. GAAP. There are a number of limitations related to the use of these non-GAAP financial measures versus their nearest GAAP equivalents. For example, other companies may calculate non-GAAP financial measures differently or may use other measures to evaluate their performance, all of which could reduce the usefulness of the presented non-GAAP financial measures as tools for comparison.

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ALGM: A global leader in sensing and power IC solutions

Market leading technology & portfolio



100-year legacy of "Innovation with Purpose"



>4,700³
Employees

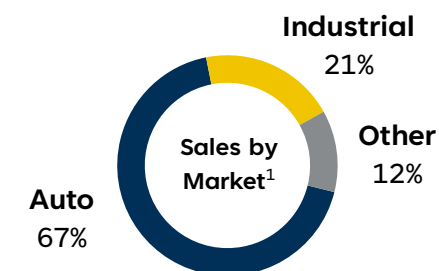


>10,000
Customers



>1,800³
Patents

Aligned to high growth markets with secular trends



Strong track record of financial performance¹

\$974M

FY23 Sales
+27% YoY

56.8%

FY23
Gross Margin

\$1.28

FY23 EPS
+64% YoY

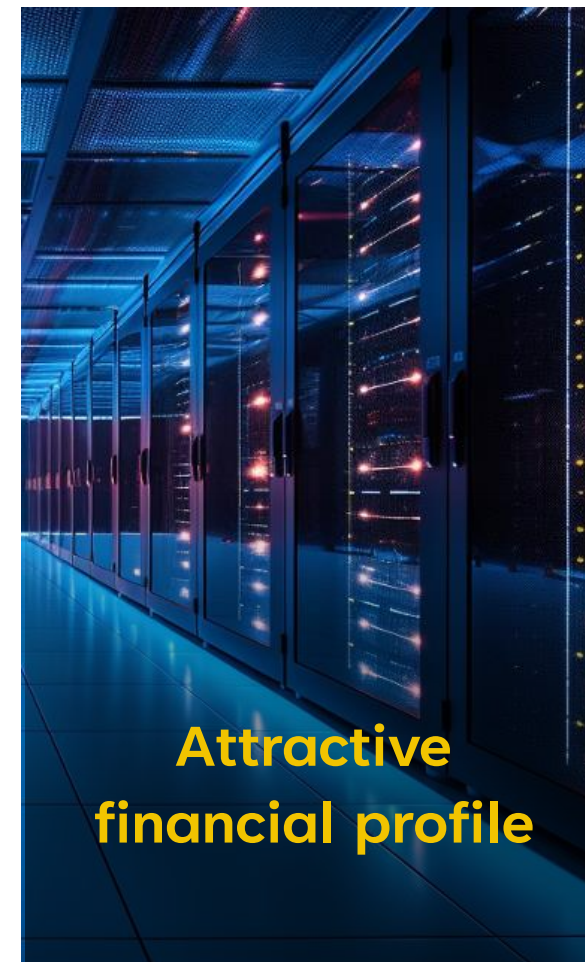


1. Based on sales as a percent of total as of fiscal year ended March 31, 2023.

2. Omdia, MEMS & Sensors Competitive Analysis Database 2023.

3. As of the quarter ended December 29, 2023.

We are moving the world to a safer and more sustainable future



Automotive first technology drives leadership in Sensing & Power



Magnetic Sensor ICs

- #1 in the Market¹
- Accurate, high speed **Current Sensors** make power systems smaller and more efficient
- **Speed & Position Sensors** reliably and accurately measure linear or rotary position and velocity

Allegro ICs help to increase the range of electric vehicles, the speed of vehicle charging, and the efficiency of clean energy systems



Power ICs

- **Motor Drivers** spin motors and fans quietly, efficiently and reliably
- **Regulators** convert high voltages to more useful low voltages in auto safety & powertrain systems
- **Isolated Gate Drivers** enable higher efficiency, smaller GaN and SiC power electronics

Allegro ICs are smaller, quiet enough for xEV in-cabin use, and result in more efficient motors and fans

We win as...

Cars Electrify

Build Reliable, Energy Efficient Electric Vehicles

Accurate sensors and highly integrated power ICs deliver safer roads and extend driving range.



Clean Energy Expands

Make Every Energy Conversion Count

High-performance power and sensing ICs redefine efficiency, reliability, and safety.



The World Automates

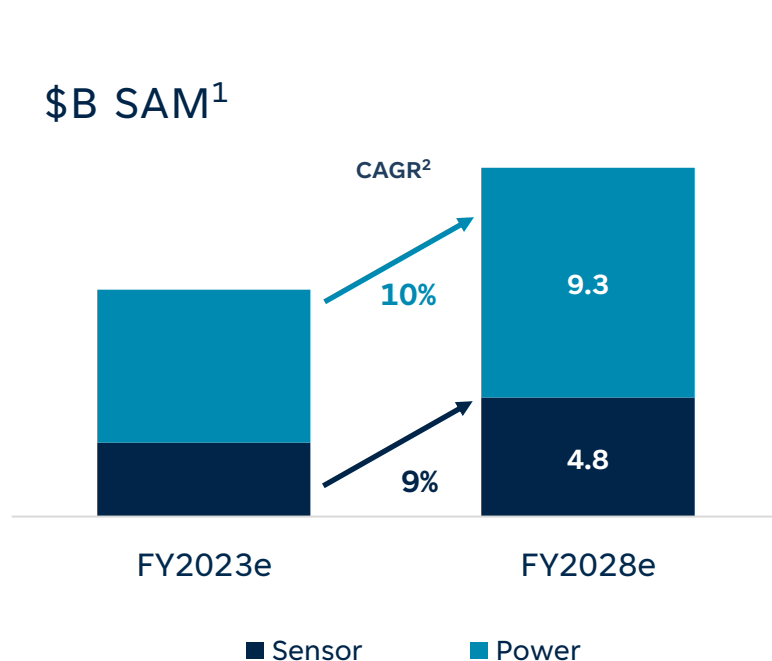
Power an Increasingly Automated World with Intelligence

As automation grows, so does the need for intelligent motor control and precise sensing to achieve maximum efficiency.

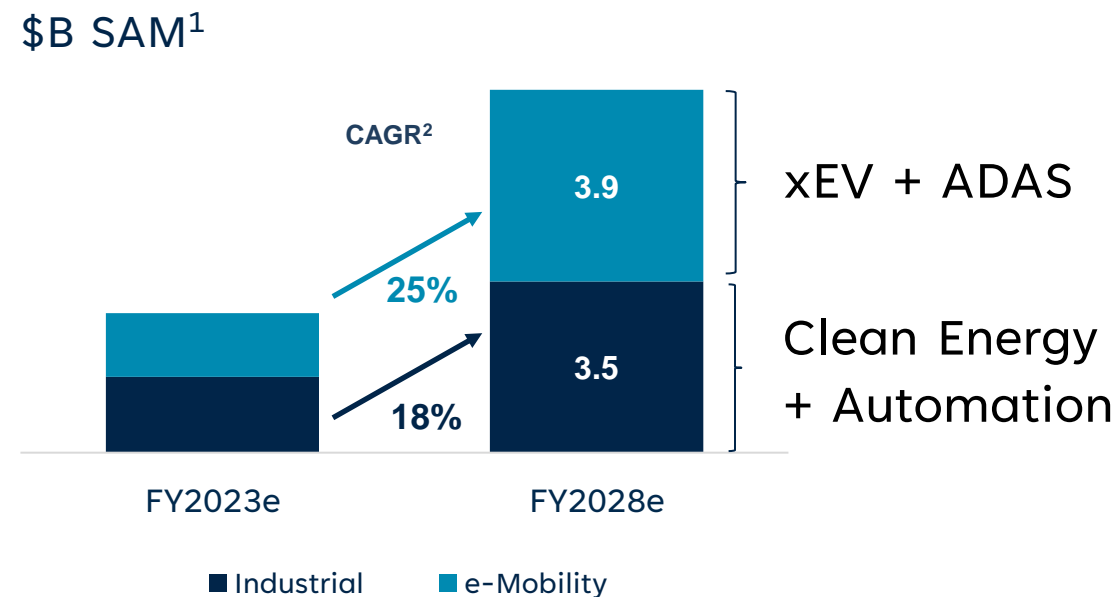


Our market strategies, coupled with our technology expertise, deliver long-term sustainable growth in \$14B+ market

Focus on Sensor & Power ICs



Focus on Strategic Growth Areas

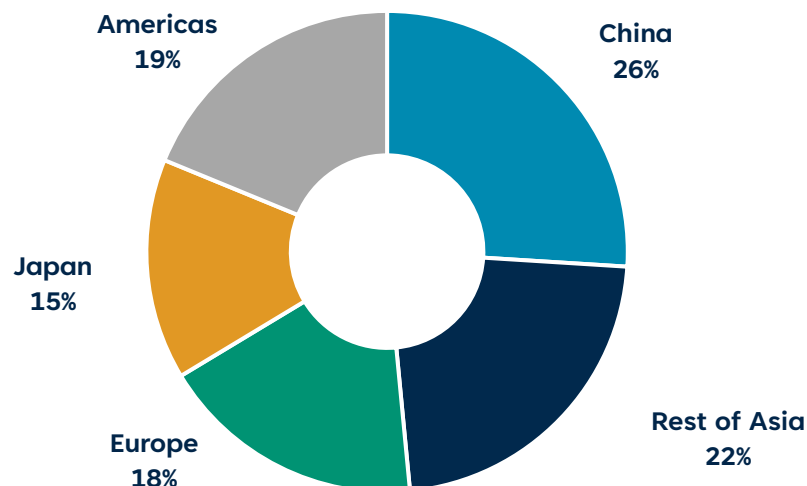


1. SAM is calculated using third-party data and internal estimates for FY28.

2. CAGR is calculated using third-party data and internal estimates for FY23-FY28.

We are well-diversified globally with leading OEMs and distributors

Sales by Geography¹



- Well-balanced geographical distribution
- Enabled by regional sales and tech centers
- Strong presence in Asia, growing North America & Europe
- No direct customer >10%

Channel Mix^{1,2}



- Strong relationships with auto OEMs built over decades
- Engaging with strategic customers on long-term agreements
- Global and regional distribution partners expand demand creation

1. Based on TTM sales as a percent of total for the quarter ended December 29, 2023.

2. Historical Sanken sales classified as Distribution for purposes of TTM following termination of Sanken Distribution Agreement effective March 31, 2023.

CENTRAL TO OUR MISSION: ESG

Our Commitment to Sustainability is Intrinsic to Our Core Value of “Innovation with Purpose” and is Directly Aligned to Our Corporate Strategy and Growth Plans.

- 3.6 million tons of avoided CO2 emissions from our innovative technologies through end of 2022¹
- >\$3 million donated to support disaster response efforts
- Targeting a 50% reduction in Scope 1 and 2 emissions by FY30
- ~1.7 million gallons of water recycled²
- >\$1.3 million in employee tuition reimbursement

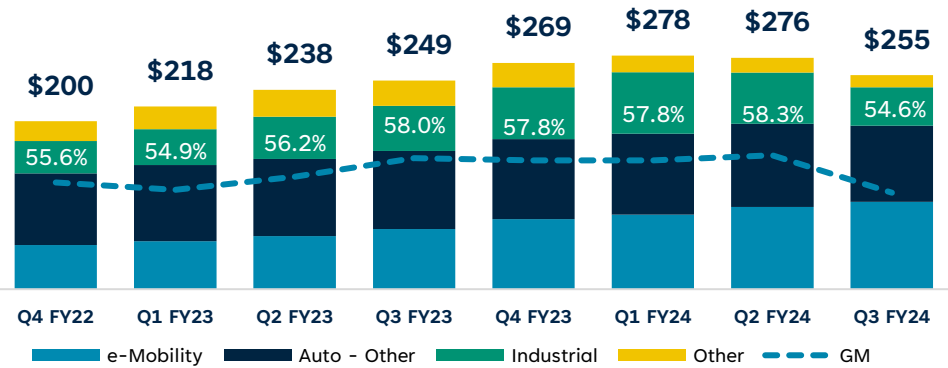
1. Estimated avoided emissions based on vehicles sold with Allegro products and Department of Energy data for emissions produced/reduced.

2. Philippines factory in FY23.

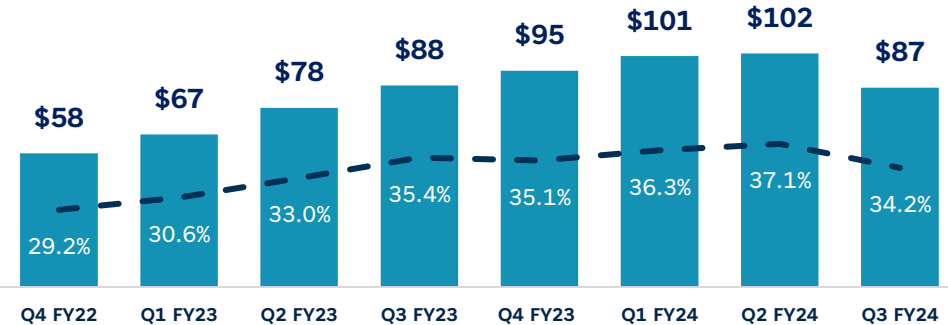


Our Financial Performance: Market leadership and focused execution delivers strong value

Net Sales (\$M) & Gross Margin¹



Adjusted EBITDA¹ (\$M)



Q3 FY24 Highlights

- 2% Net Sales growth year over year
 - Auto Sales up 18%
 - E-mobility Sales up 45% year-over-year (54% of total Auto)
 - Industrial and Other Sales impacted by continued inventory digestion
- 54.6% Gross margin¹ (GM) reflecting product/channel mix and initial impact of Crocus acquisition
- 27.2% Operating Income¹
- 34.2% Adjusted EBITDA¹
- EPS (non-GAAP)¹ 10% above midpoint of guide reflecting strong financial performance through the cycle

Non-GAAP EPS¹ (\$)



1. Gross Margin, Adjusted EBITDA, Operating Income and Non-GAAP EPS are Non-GAAP measures. Reconciliations of these numbers to the most comparable GAAP measures can be found in the [Appendix](#).

We are well-positioned to outgrow large & expanding target markets

Market Growth

3%

Automotive Production¹
CAGR FY23-FY28²

6%

Broad Industrial Market¹
CAGR FY23-FY28²

3%

GDP³

ALGM Growth above Market⁴

+7% - 10%

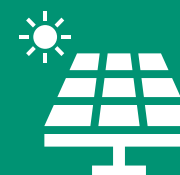
+5% - 10%

-



Automotive

- Automotive first
- Tied to secular megatrends in e-Mobility
- e-Mobility SAM CAGR of 25%²



Industrial

- Leverage auto grade technology
- Focused on Clean Energy & Automation
- Allegro's Industrial SAM CAGR of 13%²



Other

- Leverage products in adjacent markets
- Consumer & Computer
- Growth ~GDP

1. Third-party data and internal estimates.

2. CAGR is calculated using third-party data and internal estimates for FY23-FY28.

3. World Economic Outlook, IMF, Jan. 2023.

4. Internal estimates for Financial Model

We have a best-in-class Target Financial Model¹

Sales growth	Low double-digit Y-o-Y growth	Focus on faster growing markets and content expansion
Gross margin¹	>58%	Expansion through product differentiation, supply chain optimization, and volume leverage
Operating expenses¹	~26%	Continued focused R&D investment $\leq 15\%$ of sales and SG&A leverage
Operating margin¹	>32%	Sustained profitable growth
Free cash flow	>25%	Strong cash flow generation to fuel innovation and growth

1. Denotes a Non-GAAP measure. A reconciliation of the non-GAAP financial measures included in this chart to the corresponding GAAP measures is not available without unreasonable effort. Refer to the Appendix for historical adjustments from GAAP to Non-GAAP measures, which have been significant in prior periods.

Our investment and capital allocation strategy



Investment in Organic Growth

- Investments in R&D and capital expenditures to drive innovation and technology leadership
- Expanding sales and partner network to enhance customer intimacy
- ROIC-based investment decisions



Focused M&A

- Accelerate growth in our Strategic Growth Areas
- Complementary to our expertise and customer base
- Accretive to Target Financial Model



Maintain Strong & Flexible Balance Sheet

- Deliver strong and growing cash flow
- Retain financial flexibility to pursue growth opportunities
- Maintain strong balance sheet and adequate liquidity

GAAP to Non-GAAP Reconciliations

GAAP to Non-GAAP Operating Gross Profit Reconciliations *

(\$ in millions)	Fiscal Qtr ended March 31, 2023 (F4Q'23)	Fiscal Qtr ended June 30, 2023 (F1Q'24)	Fiscal Qtr ended September 29, 2023 (F2Q'24)	Fiscal Qtr ended December 29, 2023 (F3Q'24)
Total Net Sales	\$269.4	\$278.3	\$275.5	\$255.0
Cost of goods sold	116.4	120.3	116.0	121.2
Gross Profit (GAAP)	\$153.1	\$158.0	\$159.5	\$133.8
Transaction-related costs	—	—	—	0.5
Purchased intangible amortization	0.6	0.4	0.3	3.6
Restructuring costs	—	—	—	0.2
Stock-based compensation	2.0	2.6	0.9	1.1
Non-GAAP Gross Profit	\$155.7	\$161.0	\$160.7	\$139.2
Non-GAAP Gross Margin (% of net sales)	57.8%	57.8%	58.3%	54.6%

*Sum of items may not total due to rounding

GAAP to Non-GAAP Operating Gross Profit Reconciliations *

(\$ in millions)	Fiscal Qtr ended March 25, 2022 (F4Q'22)	Fiscal Qtr ended June 24, 2022 (F1Q'23)	Fiscal Qtr ended September 23, 2022 (F2Q'23)	Fiscal Qtr ended December 23, 2022 (F3Q'23)
Total Net Sales	\$200.3	\$217.8	\$237.7	\$248.8
Cost of goods sold	90.7	99.4	105.6	106.2
Gross Profit (GAAP)	\$109.6	\$118.4	\$132.0	\$142.6
Purchased intangible amortization	0.3	0.3	0.4	0.6
Stock-based compensation	1.2	0.8	1.1	1.2
Other costs	0.3	—	—	—
Non-GAAP Gross Profit	\$111.4	\$119.5	\$133.5	\$144.3
Non-GAAP Gross Margin (% of net sales)	55.6%	54.9%	56.2%	58.0%

*Sum of items may not total due to rounding

GAAP to Non-GAAP EBITDA Reconciliations *

(\$ in millions)		Fiscal Qtr ended March 31, 2023 (F4Q'23)	Fiscal Qtr ended June 30, 2023 (F1Q'24)	Fiscal Qtr ended September 29, 2023 (F2Q'24)	Fiscal Qtr ended December 29, 2023 (F3Q'24)
Net Income (GAAP)		\$62.0	\$60.9	\$65.7	\$33.4
Interest expense		0.8	0.8	0.8	3.9
Interest income		(0.6)	(0.8)	(0.9)	(0.9)
Income tax provision		5.9	7.2	7.4	3.0
Depreciation and amortization		14.1	14.3	15.1	20.2
EBITDA		\$82.2	\$82.3	\$88.1	\$59.6
Transaction-related costs		0.5	3.1	1.8	10.4
Restructuring costs		0.6	—	—	6.9
Stock-based compensation		10.6	11.0	10.9	10.9
Other costs		0.8	4.6	1.3	(0.6)
Adjusted EBITDA		\$94.6	\$101.0	\$102.1	\$87.2
Adjusted EBITDA Margin (% of net sales)		35.1%	36.3%	37.1%	34.2%

*Sum of items may not total due to rounding

GAAP to Non-GAAP EBITDA Reconciliations *

(\$ in millions)	Fiscal Qtr ended March 25, 2022 (F4Q'22)	Fiscal Qtr ended June 24, 2022 (F1Q'23)	Fiscal Qtr ended September 23, 2022 (F2Q'23)	Fiscal Qtr ended December 23, 2022 (F3Q'23)
Net Income (GAAP)	\$25.7	\$10.3	\$50.6	\$64.6
Interest expense	0.4	0.4	0.5	0.6
Interest income	(1.1)	(0.3)	(0.5)	(0.4)
Income tax provision	4.5	2.0	8.4	7.5
Depreciation and amortization	12.0	11.9	12.2	12.6
EBITDA	\$41.5	\$24.3	\$71.4	\$84.9
Transaction-related costs	0.5	1.6	(2.2)	—
Restructuring costs	0.1	4.3	0.1	0.3
Stock-based compensation	14.9	34.1	8.2	8.9
Other costs	1.6	2.4	1.0	(6.0)
Adjusted EBITDA	\$58.5	\$66.7	\$78.4	\$88.1
Adjusted EBITDA Margin (% of net sales)	29.2%	30.6%	33.0%	35.4%

*Sum of items may not total due to rounding

GAAP to Non-GAAP Operating Income Reconciliations *

(\$ in millions)		Fiscal Qtr ended March 31, 2023 (F4Q'23)	Fiscal Qtr ended June 30, 2023 (F1Q'24)	Fiscal Qtr ended September 29, 2023 (F2Q'24)	Fiscal Qtr ended December 29, 2023 (F3Q'24)
Operating Income (GAAP)		\$63.1	\$70.7	\$72.9	\$36.7
Transaction-related costs		0.5	3.1	1.8	10.4
Purchased intangible amortization		0.6	0.8	0.6	4.1
Restructuring costs		0.6	—	—	6.9
Stock-based compensation		10.6	11.0	10.9	10.9
Other costs		5.9	—	0.1	0.3
Non-GAAP Operating Income		\$81.4	\$85.6	\$86.3	\$69.3
Non-GAAP Operating Margin (% of net sales)		30.2%	30.8%	31.3%	27.2%

*Sum of items may not total due to rounding

GAAP to Non-GAAP Operating Income Reconciliations *

(\$ in millions)		Fiscal Qtr ended March 25, 2022 (F4Q'22)	Fiscal Qtr ended June 24, 2022 (F1Q'23)	Fiscal Qtr ended September 23, 2022 (F2Q'23)	Fiscal Qtr ended December 23, 2022 (F3Q'23)
Operating Income (GAAP)		\$30.2	\$14.7	\$59.8	\$65.6
Transaction-related costs		0.5	1.6	(2.2)	—
Purchased intangible amortization		0.3	0.3	0.4	0.6
Restructuring costs		0.1	4.3	0.1	0.3
Stock-based compensation		14.9	34.1	8.2	8.9
Other costs		0.5	—	—	—
Non-GAAP Operating Income		\$46.5	\$55.0	\$66.3	\$75.5
Non-GAAP Operating Margin (% of net sales)		23.2%	25.3%	27.9%	30.3%

*Sum of items may not total due to rounding

GAAP to Non-GAAP Earnings per Share Reconciliations *

(\$ in millions)		Fiscal Qtr ended March 31, 2023 (F4Q'23)	Fiscal Qtr ended June 30, 2023 (F1Q'24)	Fiscal Qtr ended September 29, 2023 (F2Q'24)	Fiscal Qtr ended December 29, 2023 (F3Q'24)
Net Income (GAAP)		\$62.0	\$60.9	\$65.7	\$33.4
Diluted Earnings per Share (GAAP)		\$0.32	\$0.31	\$0.34	\$0.17
Transaction-related costs		0.5	3.1	1.8	10.4
Transaction-related interest		—	—	—	0.2
Purchased intangible amortization		0.6	0.8	0.6	4.1
Restructuring costs		0.6	—	—	6.9
Stock-based compensation		10.6	11.0	10.9	10.9
Other costs		0.8	4.6	1.3	(0.6)
Tax effect of adjustments to GAAP results		(3.5)	(3.8)	(2.6)	(3.7)
Non-GAAP Net Income		\$71.6	\$76.5	\$77.7	\$61.6
Diluted weighted average common shares		195.0	195.0	195.1	194.6
Non-GAAP Diluted Earnings per Share		\$0.37	\$0.39	\$0.40	\$0.32

*Sum of items may not total due to rounding

GAAP to Non-GAAP Earnings per Share Reconciliations *

(\$ in millions)	Fiscal Qtr ended March 25, 2022 (F4Q'22)	Fiscal Qtr ended June 24, 2022 (F1Q'23)	Fiscal Qtr ended September 23, 2022 (F2Q'23)	Fiscal Qtr ended December 23, 2022 (F3Q'23)
Net Income (GAAP)	\$25.7	\$10.3	\$50.6	\$64.6
Diluted Earnings per Share (GAAP)	\$0.13	\$0.05	\$0.26	\$0.33
Transaction-related costs	0.5	1.6	(2.2)	—
Purchased intangible amortization	0.3	0.3	0.4	0.6
Restructuring costs	0.1	4.3	0.1	0.3
Stock-based compensation	14.9	34.1	8.2	8.9
Other costs	1.6	2.4	1.0	(6.0)
Tax effect of adjustments to GAAP results	(2.8)	(5.9)	1.7	0.5
Non-GAAP Net Income	\$40.2	\$47.1	\$59.8	\$68.8
Diluted weighted average common shares	192.1	192.4	192.6	193.9
Non-GAAP Diluted Earnings per Share	\$0.21	\$0.24	\$0.31	\$0.35

*Sum of items may not total due to rounding

Supplemental Schedule of Total Net Sales by Application

Net Sales by Application*

(\$ in thousands)	Fiscal Qtr ended June 30, 2023 (F1Q'24)	Fiscal Qtr ended September 29, 2023 (F2Q'24)	Fiscal Qtr ended December 29, 2023 (F3Q'24)
Automotive	\$185,430	\$197,321	\$194,764
Industrial	73,110	60,962	45,949
Other	19,753	17,226	14,271
Total Net Sales	\$278,293	\$275,509	\$254,984

(\$ in thousands)	Fiscal Qtr ended June 24, 2022 (F1Q'23)	Fiscal Qtr ended September 23, 2022 (F2Q'23)	Fiscal Qtr ended December 23, 2022 (F3Q'23)	Fiscal Qtr ended March 31, 2023 (F4Q'23)
Automotive	\$148,070	\$155,170	\$164,719	\$178,802
Industrial	42,718	50,342	53,737	61,807
Other	26,965	32,154	30,333	28,836
Total Net Sales	\$217,753	\$237,666	\$248,789	\$269,445

(\$ in thousands)	Fiscal Qtr ended June 25, 2021 (F1Q'22)	Fiscal Qtr ended September 24, 2021 (F2Q'22)	Fiscal Qtr ended December 24, 2021 (F3Q'22)	Fiscal Qtr ended March 25, 2022 (F4Q'22)
Automotive	\$131,827	\$124,435	\$128,536	\$137,997
Industrial	31,190	38,785	34,669	38,622
Other	25,125	30,390	23,424	23,674
Total Net Sales	\$188,142	\$193,610	\$186,629	\$200,293

*During the preparation of the third quarter fiscal year 2024 interim condensed consolidated financial statements, the Company identified an immaterial error in the classification of net sales by application, whereby customer returns and sales allowances were incorrectly classified by application between Automotive, Industrial and Other in the prior periods presented in the accompanying table. There was no impact to previously reported total net sales or net income in any of the periods presented in the accompanying table.

Thank You.

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