



Richardson IQ[®] Brew



INNOVATION WITH PURPOSE

ALLEGRO[™]
microsystems

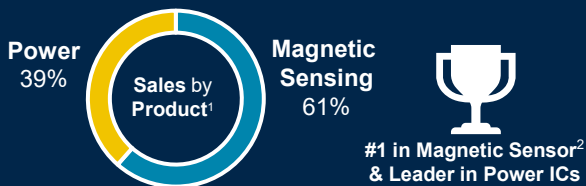
Ravi Gokhale

July 13, 2023



Allegro is a global leader in Sensing and Power IC solutions

Market leading technology & portfolio



100-year legacy of “Innovation with Purpose”



>4,600¹
Employees



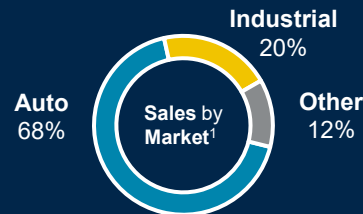
>10,000
Customers



>1350
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
+63% YoY

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**



**Clean energy
Expands**



**The world
Automates**



Allegro Richardson Design Center

- Sensors and Power Integrated Circuit Innovation and Design Center
- Analog Design, Test, Systems, and Applications Engineering, and Product Marketing



GRAND OPENING
ALLEGRO

EASTSIDE

Allegro Richardson Grand Opening on June 5, 2023, with Mayor Bob Dubey and CEO Vineet Nargolwala



CHIPS Act



CHIPS Act Announcement on August 9, 2022

THE WHITE HOUSE



MENU



AUGUST 09, 2022

FACT SHEET: CHIPS and Science Act Will Lower Costs, Create Jobs, Strengthen Supply Chains, and Counter China



[BRIEFING ROOM](#)



[STATEMENTS AND RELEASES](#)



Laying the foundational principles for American leadership

Boost American semiconductor research, development, and production, ensuring US leadership in the technology for automotive to appliances to defense systems

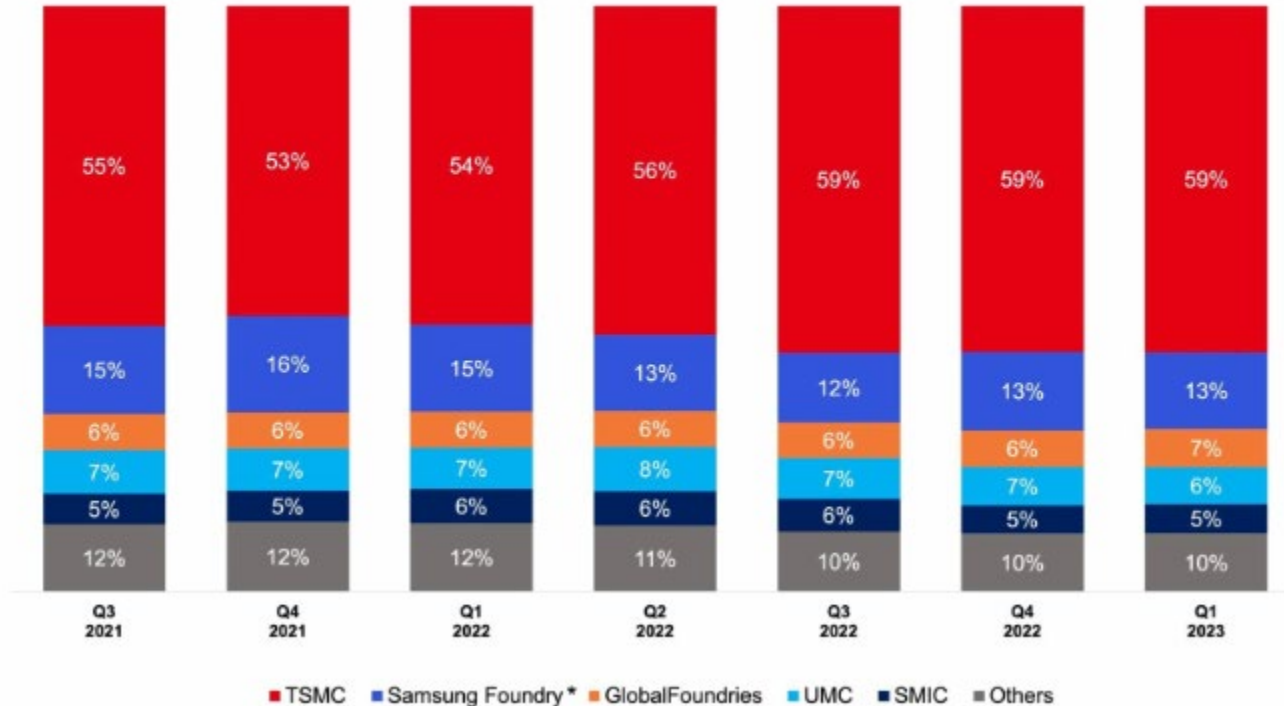
America produces 10 percent of world's semiconductor supply today and relies on East Asia for 75 percent

CHIPS Act will ensure the future is made in America

85% of semi foundry today is from East Asia; 70% from Red Zone



Global Semiconductor Foundry Market Share (Q3 2021 - Q1 2023)





CHIPS Act essential elements

Bolster US leadership in semiconductors. Provides \$52.7 billion for American semiconductor research, development, manufacturing, and workforce development.

- \$39B manufacturing incentives
- \$2B legacy chips
- \$13B R&D and workforce development
- 25% investment tax credit for manufacturing capital expenses
- Guardrails with respect to location

Catalyze regional economic growth and development. The CHIPS Act authorizes \$10 billion to invest in regional innovation and technology hubs across the country



Implications for semiconductor ecosystem

- ❑ Accelerated investment in American manufacturing
 - Leading edge manufacturing
 - Fab expansions

- ❑ Bifurcated semiconductor sourcing options
 - Blue Zone
 - Red Zone

Polar Semiconductor Investment and Expansion

January 29, 2023

Manchester, N.H., Jan. 26, 2023 – Allegro MicroSystems, Inc. (“Allegro”) (Nasdaq: ALGM) a global leader in power and sensing semiconductor technology for motion control and energy efficient systems, today announced that Polar Semiconductor (“Polar”), a company jointly-owned by Allegro and Sanken Electric Co., Ltd. (“Sanken”), and one of Allegro’s primary suppliers of 200 millimeter wafers, is expected to receive a \$150 million equity investment from an affiliate of One Equity Partners to expand 200 millimeter sensor and high voltage power wafer capacity at its fabrication facility in Bloomington, Minnesota. In conjunction with this investment, Polar is also pursuing U.S. CHIPS Act funding to further invest in its capacity and cost leadership initiatives to supply sensor and high voltage power wafers for critical automotive and industrial applications.



This investment is expected to provide Allegro with expanded U.S.-based capacity to support customers for years to come. “We appreciate our longstanding relationship with Polar and look forward to continued partnership to support anticipated growing customer demand,” said Vineet Nargolwala, Allegro MicroSystems President, and CEO.



Thank you

ALGM
Nasdaq Listed