



SEMICONDUCTOR  
INDUSTRY  
ASSOCIATION



# THE U.S. SEMICONDUCTOR INDUSTRY

Building America's Innovation Economy

[www.semiconductors.org](http://www.semiconductors.org)

**SEMICONDUCTORS** are the brains of modern electronics, enabling advances in communications, computing, health care, military systems, transportation, clean energy, and countless other applications.

The semiconductor industry is leading innovation in many emerging technologies, including drones, artificial intelligence, self-driving cars, and more. Our greatest potential lies ahead.





## THE U.S. SEMICONDUCTOR INDUSTRY

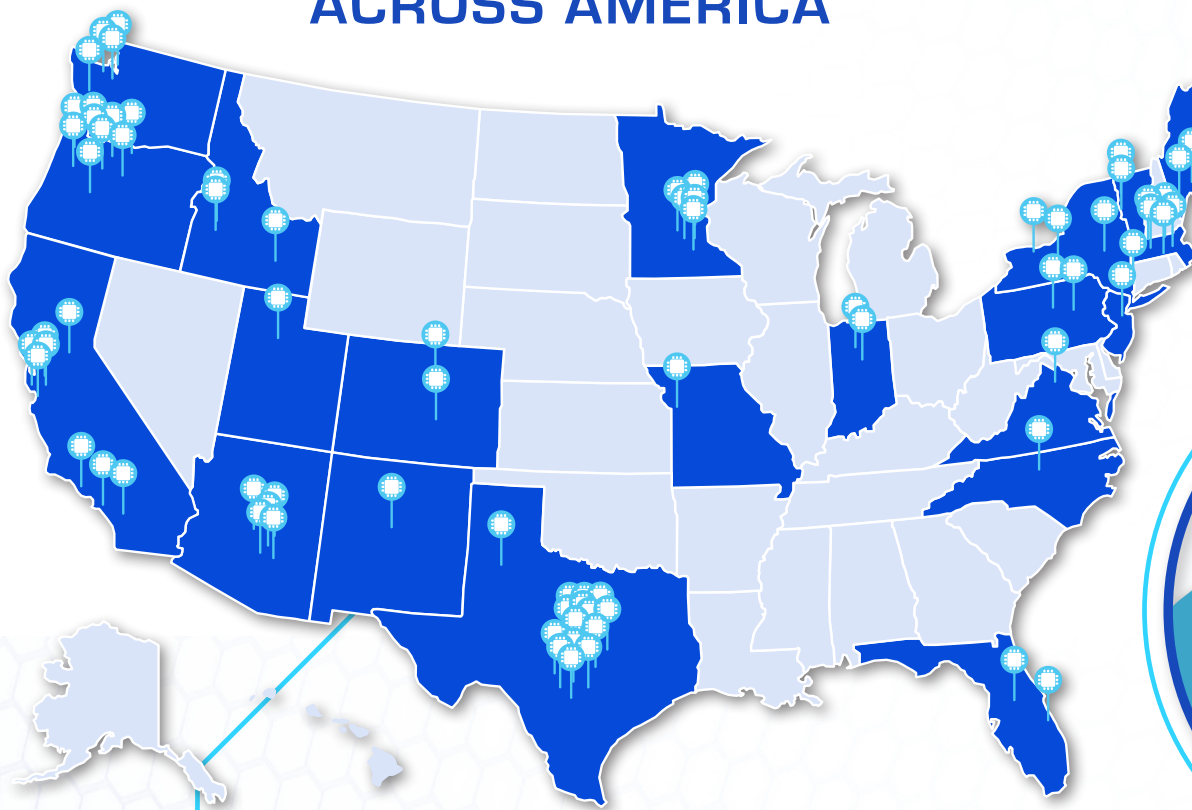
is strategic to America's economic strength, national security, and technology leadership.

The U.S. semiconductor industry is the worldwide industry leader with about **HALF OF GLOBAL MARKET SHARE**. U.S. semiconductor company sales totaled **\$164 BILLION** in 2016.

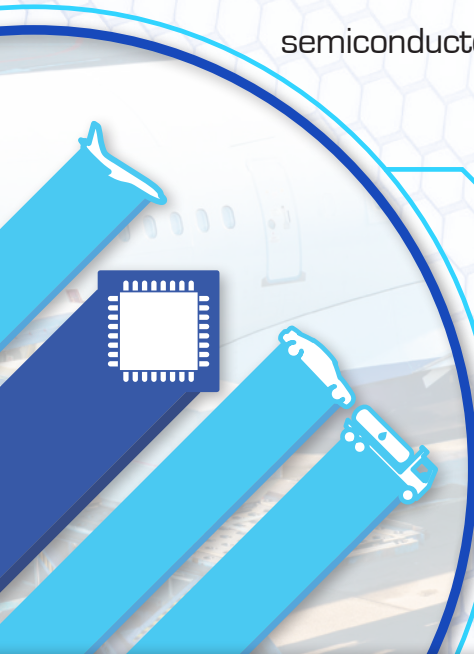
The semiconductor industry directly employs nearly a **QUARTER OF A MILLION PEOPLE** in the U.S. and supports more than **ONE MILLION ADDITIONAL JOBS** throughout the U.S. economy.



# SEMICONDUCTOR MANUFACTURING ACROSS AMERICA



About **HALF** of U.S. semiconductor companies' advanced manufacturing base is in the United States, and **21 U.S. STATES** are home to advanced semiconductor manufacturing facilities.



Semiconductors are **AMERICA'S #4 EXPORT** after airplanes, refined oil, and automobiles, and **MORE THAN 80%** of U.S. semiconductor companies' sales are to overseas customers.

# THE RAPID PACE OF SEMICONDUCTOR INNOVATION

The U.S. semiconductor industry is **AMERICA'S MOST INNOVATIVE MANUFACTURING INDUSTRY**. Semiconductor technology has advanced at a remarkable pace over the last half-century, enabling smaller, faster, more efficient and productive devices.



The U.S. semiconductor industry annually invests about **ONE-FIFTH OF REVENUE** in R&D. This was the **SECOND-HIGHEST SHARE OF ANY U.S. INDUSTRY** in 2016.

The rapid pace of innovation has enabled the semiconductor industry to produce exponentially **MORE ADVANCED PRODUCTS AT LOWER COST**, a principle known as **MOORE'S LAW**.

If fuel efficiency improved at the same rate as Moore's Law, you could drive a car for your **ENTIRE LIFE** on a **SINGLE TANK OF GAS**.





**THE SEMICONDUCTOR INDUSTRY ASSOCIATION** is the voice of the U.S. semiconductor industry. SIA has a 40-year history of successfully uniting semiconductor companies around common challenges and shaping public policy to help members grow their businesses. We provide semiconductor manufacturers, designers, and researchers with a seat at the table when policy decisions are made in Washington and in capitals around the world.

**POLICY PRIORITIES**

**TRADE**

Expand Access to  
Global Markets



**TAX**

Make the U.S. Tax Regime  
Globally Competitive



**IMMIGRATION**

Strengthen America's  
Technology Workforce



**EXPORT CONTROL**

Reduce Burdens on the Export  
of Commercial Semiconductors



**RESEARCH**

Increase Federal Investment in  
Semiconductor Research



**ENVIRONMENT,  
HEALTH & SAFETY**

Support Sustainability



**ANTI-COUNTERFEITING**

Combat Counterfeit  
Semiconductors



**INTELLECTUAL PROPERTY**

Promote Innovation by  
Protecting Valuable IP

# MEMBERS

## Charter Members



## International Members



## Corporate Members



Siemens PLM Software



# BOARD OF DIRECTORS



**Dr. Lisa Su**  
President & CEO  
AMD, Inc.



**Vincent Roche**  
President & CEO  
Analog Devices, Inc.



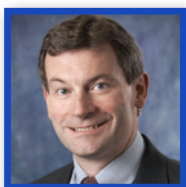
**Hassane El-Khoury**  
President, CEO,  
Member of Board of Directors  
Cypress Semiconductor Corporation



**Sanjay Jha**  
CEO  
GLOBALFOUNDRIES, Inc.



**Dr. John E. Kelly, III**  
SVP, Cognitive Solutions  
& Research  
IBM Corporation



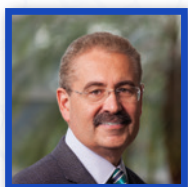
**Gregory L. Waters**  
President & CEO  
Integrated Device  
Technology, Inc.



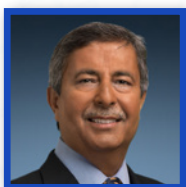
**Stacy J. Smith**  
Executive VP, Manufacturing,  
Operations & Sales  
Intel Corporation



**Matt Murphy**  
President & CEO  
Marvell Semiconductor, Inc.



**Tunç Doluca**  
President & CEO  
Maxim Integrated Products, Inc.



**Sanjay Mehrotra**  
President & CEO  
Micron Technology



**Keith Jackson**  
President & CEO  
ON Semiconductor



**Robert Bruggeworth**  
President & CEO  
Qorvo



**Steve Mollenkopf**  
CEO  
Qualcomm Incorporated



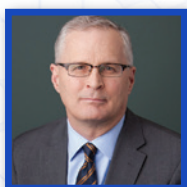
**David J. Aldrich**  
Executive Chairman &  
Chairman of the Board  
Skyworks Solutions, Inc.



**Richard K. Templeton**  
Chairman, President & CEO  
Texas Instruments, Inc.



**Stephen D. Milligan**  
CEO  
Western Digital Corporation



**John Neuffer**  
President & CEO  
Semiconductor Industry Association



[twitter.com/siaamerica](https://twitter.com/siaamerica)



[facebook.com/siaamerica](https://facebook.com/siaamerica)