THE U.S. SEMICONDUCTOR INDUSTRY
Building America’s Innovation Economy

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 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.

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 U.S. semiconductor industry is strategic to America’s economic strength, national security, and technology leadership.
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 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 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 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