

Industrial Semiconductor Intelligence Service

Part of the Semiconductor Market Service Area Package

Complete examination of the semiconductor market for industrial electronics including competitive analyses of the top suppliers and purchasers

“ Industrial semiconductors constitute an exciting and diverse market with \$49 billion in revenues - almost 12% of the total semiconductor market. Omdia's Industrial Semiconductor Intelligence Service contains the broadest research coverage in the industry, including over 150 active suppliers, 25 semiconductor categories, and 9 application areas divided into over 90 sub-segments. ”

Noman Akhtar

Senior Research Analyst,
Industrial Semiconductors

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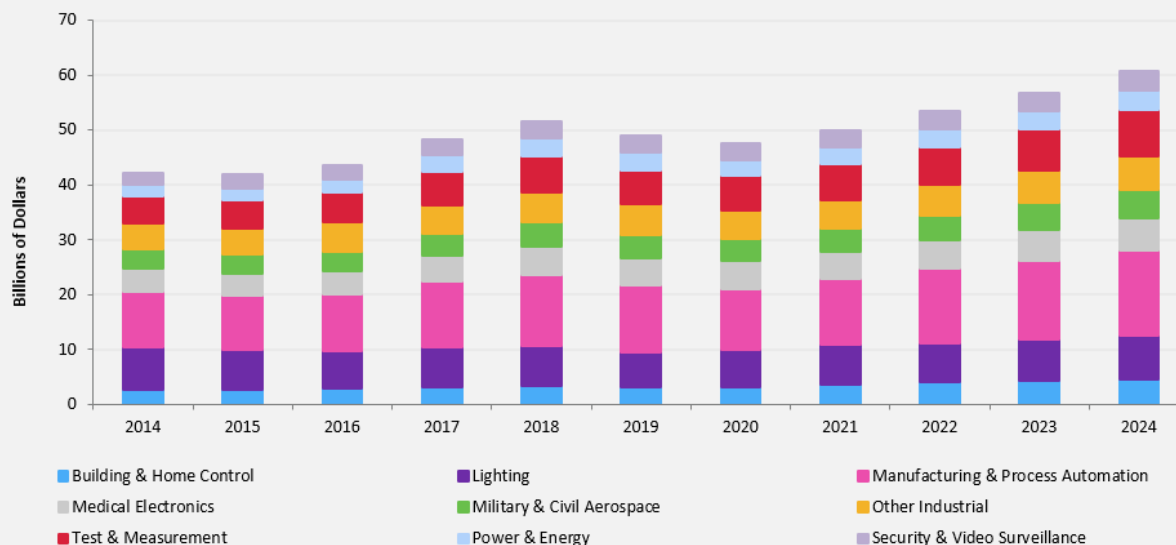
HOW OMDIA HELPS YOU

- Growth opportunities and market drivers
- Emerging markets and technologies
- Competitive environment
- Parameters impacting semiconductor content
- Detailed market data by region, type and application
- Semiconductor spend analysis

KEY QUESTIONS ADDRESSED

- What are the fastest growing segments?
- What are the key trends and regulations driving the market?
- Who are the suppliers and buyers of semiconductors for industrial electronics?
- Where are industrial electronics devices designed?
- What are the opportunities for fast growing markets?

Industrial semiconductor market by application field, 2014 - 2024



Source: Omdia

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Semiconductors Markets: Our Expert Analysts



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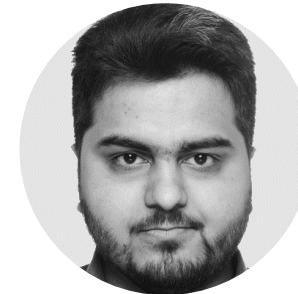
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Industrial Semiconductor: Deliverables



MARKET TRACKER

—Quarterly—

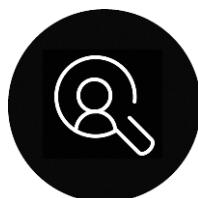
- Forecast by application
- Forecast by device class
 - Top suppliers
- Top OEM revenue & market shares



CASE STUDIES & ANALYSIS

—Ongoing—

- Industrial product case studies



ANALYST INSIGHTS

—Ongoing—

Analyst commentary on market shifts, technology and regional developments, vendors, events, and more.



PRESENTATIONS

—Quarterly—

Quarterly scheduled briefings with analysts on research highlights from all aspects of the market.



ANALYST ACCESS

—Ongoing—

For prompt responses to urgent and unique questions.

Industrial Semiconductor: Market Tracker

Industrial Semiconductor Market Tracker

Forecast for 30 device categories and 80 industrial segments, including revenues by semiconductor type and application field. ISMT ranks top suppliers by application segment; The geographic coverage includes activity in over 40 countries

DETAILS

Frequency: Quarterly

Measures

- Revenue
- Unit shipments
- ASP
- Market shares
- OEM spend

Regions

- Americas
- China
- Japan
- EMEA
- Rest of Asia Pacific
- 40+ countries

COVERAGE

Semiconductor Categories

- Analog IC
- Discretes
- Logic IC
- Memory IC
- Microcomponent IC
- Optical Semiconductor
- Sensors & Actuators

Application Segments (80 Sub-Segments)

- Building & Home Automation
- Military & Civil Aerospace
- Power & Energy
- Other Industrial
- Manufacturing & Process Automation
- Medical Electronics
- Security & Video Surveillance

Industrial Semiconductor: Research Coverage

Industrial Semiconductor Market Tracker

SEMICONDUCTOR CATEGORIES

Analog IC

- Analog application specific IC
- General purpose analog

Logic IC

- General purpose logic
- Logic application specific IC

Sensors & Actuators

Discretes

- RF & Microwave
- Power transistor, thyristor, rectifier & power diode
- Small signal & other discretes

Memory IC

- DRAM
- Flash memory
- Other memory

Microcomponent IC

- Microprocessor (MPU)
- Microcontroller (MCU)
- Digital signal processor

Optical Semiconductor

- Image sensors
- LEDs
- Other optical components

APPLICATIONS (75+ SEGMENTS)

Building & Home Automation

- Fire detector/ smoke detector, manual call point, notification product, thermostat, HVAC, office/ commercial, lighting, street lighting, residential lighting, accessibility lift, dumbwaiter, elevators, escalator, moving walkways

Military & Civil Aerospace

- Avionics, missiles & munitions, satellites, homeland security, terrestrial transport

Power & Energy

- PV inverters, EV charging station, wind turbine, UPS, power supply, smart meter

Other Industrial

- Digital signage (LED video wall, non-LED video wall, stadium display, advertising), power tool (construction, lawn & garden), rails traction, E-bikes traction

Manufacturing & Process Automation

- PLC, CNC, DCS, industrial PC, low voltage motor drive, medium voltage motor drive, servo motor drive,
- soft starters, stepper motor

Medical Electronics

- Hearing aid, blood glucose meters, pulse oximeter, blood pressure monitor, patient monitoring, neonatal devices, ventilator, dialysis machine, external defibrillator, ICD, pacemaker, infusion pump, nebulizers, oxygen therapy devices, MRI, X-ray, CT scan, ultrasound, endoscopy

Security & Video Surveillance

- Digital video surveillance and network IP cameras, analog video surveillance and analog cameras, DVR, NVR

Industrial Semiconductor: Market Tracker Sample Index

- Total market for semiconductor in industrial markets
- Total industrial semiconductor market revenue by component
- Total industrial semiconductor market revenue by application field
- Total market by application field and by semiconductor device
- Total market by application field and by semiconductor device
- Market unit shipment by pivot
- Total market unit shipment by application field and by semiconductor device
- Geographic breakout by region/country of design
- Geographic breakout by region/country of design
- Breakout of revenue of top 20 semiconductor suppliers for the industrial markets, by application and by device category
- Top 20 semiconductor suppliers for industrial semiconductors in 2018 and 2019
- Top 10 semiconductor suppliers for industrial market by application
- Top 10 semiconductor suppliers for industrial market by device categories
- OEMs factory revenue
- OEM market shares by regional design spending location
- Definitions of applications
- Definitions of applications
- Definitions of semiconductor categories
- Methodology
- Comments tracker

Related Content: Semiconductor Market Service Area Coverage



Service Area Package: **Semiconductor Market**

China Semiconductor
Intelligence Service

Industrial Semiconductor
Intelligence Service

OEM Semiconductor Spending &
Design Activity
Intelligence Service

Semiconductor Application
Forecast AMFT Spotlight Service

Semiconductor Competitive
Landscape CLT Spotlight Service

About Omdia's Semiconductor Market Research

Omdia's leading semiconductor market research is provided by a highly experienced team of analysts. Many are industry veterans with deep technical background as well as hands-on market and product experience in their coverage area.

The foundation of all the coverage comes from primary research with the major semiconductor suppliers across the global industry. This insight feeds a global and regional view of the industry by technology and by application including historical and forecasted views presented through the CLT and AMFT solutions.

From this core data, the research is augmented through additional primary research to deliver China, Industrial and then an OEM spend and design activity views.

Related Content: Semiconductor Service Area Coverage

SERVICE AREA PACKAGE			
Memory & Storage	Semiconductor Components	Semiconductor Manufacturing	Semiconductor Market
<ul style="list-style-type: none"> • DRAM Memory Intelligence Service • Mobile & Embedded Memory Intelligence Service • NAND Memory Intelligence Service • SSD & HDD Storage Memory Intelligence Service 	<ul style="list-style-type: none"> • Key Mobile Component Price Service • LED Intelligence Service • MEMS & Sensors for Consumer & Mobile Intelligence Service • MEMS & Sensors Intelligence Service • Optoelectronic Components Report • Power Semiconductor Intelligence Service • Processors Spotlight Service (incl. MCU, Graphics & AI, Networking Infrastructure, System-on-Chip Trackers) 	<ul style="list-style-type: none"> • Global Semiconductor Manufacturing Market Tracker • Pure Play Foundry Market Tracker • Semiconductor Silicon Demand Forecast Tool 	<ul style="list-style-type: none"> • China Semiconductor Intelligence Service • Industrial Semiconductor Intelligence Service • OEM Semiconductor Spending & Design Activity Intelligence Service • Semiconductor Application Forecast AMFT Spotlight Service • Semiconductor Competitive Landscape CLT Spotlight Service

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ABOUT OMDIA

Omdia is a global technology research powerhouse, established following the merger of the research division of Informa Tech (Ovum, Heavy Reading, and Tractica) and the acquired Omdia technology research portfolio*. We combine the expertise of more than 400 analysts across the entire technology spectrum, covering 150 markets. We publish over 3,000 research reports annually, reaching more than 14,000 subscribers, and cover thousands of technology, media, and telecommunications companies.

Our exhaustive intelligence and deep technology expertise enable us to uncover actionable insights that help our customers connect the dots in today's constantly evolving technology environment and empower them to improve their businesses—today and tomorrow.

* The majority of Omdia technology research products and solutions were acquired by Informa in August 2019 and are now part of Omdia.