Semiconductor Application Forecast

Comprehensive and flexible semiconductor and equipment forecast and analysis by geographical region and key vertical markets

Real time access to a continuous flow of research across geographies, topics and application areas:

- **Analytical Database Tool**
  Tailored views of application equipment and/or semiconductor device market data.
  Historic and forecasted, delivered in Excel and in TRAX®, an online analysis tool.

- **Market Insights**
  Frequent analyst commentary on market news and events impacting the semiconductor industry.

- **Analyst Access**
  For prompt responses to urgent and unique questions.

**Clients of this Intelligence Service will receive:**

- **Electronic equipment factory production data by application market** – provides factory shipments, revenue forecasts and annual growth rates by application equipment.

- **Semiconductor device data by application markets** – revenue forecasts for specific semiconductor components by application; presents the total revenue for the semiconductor devices selected and the revenue share that each application equipment category represents.

- **Application market data by semiconductor devices** – presents semiconductor component revenue forecast within the application market selected. Also available for each semiconductor device is its share of the total semiconductor revenue of that application equipment.

- **Application market rankings** – ranks 100+ application markets for a semiconductor category based on market size (semiconductor revenue) or growth.

- **Additional qualitative and comparative analysis** – quarterly executive summary with rationale, alongside separate files containing forecast assumptions and key changes. The Electronics Equipment & Semiconductor Forecast is a valuable comparison tool used to detail growth rate changes in equipment and semiconductor forecasts.

**BENEFITS**

- Identify markets for entry or exit.
- Anticipate demand for future production quantities and associated semiconductor costs.
- Position services to target specific markets that offer the greatest revenue or growth opportunity.
- Ensure that product mix is aligned with the marketplace.
## Research Coverage

### Three different databases

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<th>Quarterly detail version</th>
<th>Asia-Pacific version</th>
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### Measures

- Semiconductor shipments revenue
- OEM factory revenue
- OEM factory revenue
- Unit production
- Manufacturing revenue

### Market categories (100+ applications)

- Data processing
- Wired communications
- Wireless communications
- Consumer electronics
- Automotive electronics
- Industrial electronics

### Regions

- Worldwide
- Americas
- Europe, Middle East, Africa
- Japan
- Asia-Pacific (China/Hong Kong, South Korea, Taiwan, Singapore/ Malaysia, India, Rest of Asia-Pacific)

### Components (50+ devices/subdevices)

#### Memory IC
- DRAM
- SRAM
- Flash memory (NAND, NOR)
- Other non-volatile memory
- Other memory

#### Logic IC
- General purpose logic (standard logic, display drivers, PLD)
- Logic application specific IC (logic ASSP, logic ASIC)

#### Analog IC
- General purpose analog (amplifier/comparator, voltage regulator/reference, data converters, interface)
- Analog application specific IC (analog ASSP, analog ASIC)

#### Discretes
- RF & microwave
- Power transistor & thyristor
- Rectifier & power diodes
- Small signal & other discretes

#### Optical semiconductor
- Image sensors (CCD, CMOS)
- Laser diodes
- LEDs
- Other optical

#### Sensors & actuators

### Related Research

- Semiconductor Competitive Landscape
- China Semiconductor

For more information [ihsmarkit.com/technology](https://ihsmarkit.com/technology)

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