

Australia Semiconductor Market 2025: Size, Share, Growth | 2033

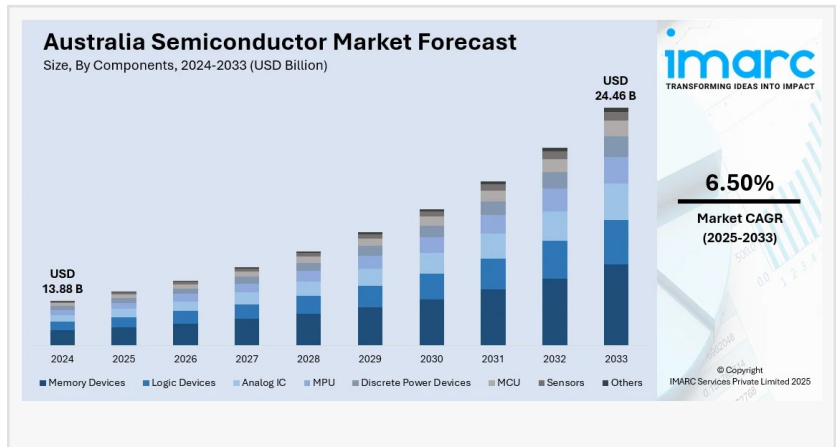
The Australian semiconductor market size reached USD 13.88 billion 2024, is expected to reach USD 24.46 billion by 2033, growing at a CAGR of 6.50% 2025-2033.

AUSTRALIA, June 19, 2025

/EINPresswire.com/ --

The latest report by IMARC Group, titled “[Australia Semiconductor Market](#) 2025-2033: Growth, Segments, and Regional Analysis,” offers a comprehensive analysis of the [Australian semiconductor market](#) growth. The report also includes competitor and regional analysis, along with a breakdown of segments within the industry.

According to the report, the Australian semiconductor market is projected to grow from USD 13.88 billion in 2024 to USD 24.46 billion by 2033, at a CAGR of 6.50%. The market is segmented into Memory Devices, Logic Devices, Analog IC, MPU, Discrete Power Devices, MCU, Sensors, and Others. The report also provides a detailed analysis of the market's growth drivers, challenges, and opportunities, along with a breakdown of segments within the industry.



Report Period: 2024

Report Period: 2025-2033

Report Period: 2019-2024

Report Period: USD 13.88 billion

Report Period: USD 24.46 billion

Report Period: 6.50% CAGR

Report Period: 2024

Australia is effectively growing its semiconductor industry through key activities, including the foundation of the National Semiconductor Fabricating Center and significant R&D investments. These endeavors point to diminishing purport reliance, improving supply-chain flexibility, and cultivating advancement in quantum and compound semiconductor advances. With pilot operations set for late 2025 and full-scale commercialization by 2027, Australia is situating itself as a key player within the worldwide semiconductor environment.

Report Period: 2024

□Government Initiatives: Launch of the National Semiconductor Manufacturing Hub and allocation of AUD 47.4 million to the Australian National Fabrication Facility to support R&D efforts.

□R&D Investments: Over AUD 51 million allocated through the Cooperative Research Centers Projects (CRC-P) program for projects focusing on compound semiconductors, advanced packaging, and quantum devices.

□Infrastructure Development: Establishment of pilot fabrication facilities at top universities and industry sites to enhance domestic manufacturing capabilities.

□Private Sector Innovation: Growth of companies specializing in quantum and compound semiconductor technologies, contributing to the diversification of the semiconductor ecosystem.

□Market Expansion: Projected increase in market size from USD 13.88 billion in 2024 to USD 24.46 billion by 2033, driven by advancements in technology and increased demand across various sectors.

□Key Drivers of Semiconductor Demand in Australia:

□Rising Demand for Consumer Electronics: Increased adoption of [Australia smartphones](#), laptops, and other electronic devices driving the need for semiconductors.

□Growth of IoT Devices: Expansion of the [Australia Internet of Things](#) leading to higher demand for sensors and connectivity chips.

□Advancements in 5G Technology: Deployment of 5G networks requiring advanced semiconductor components for infrastructure and devices.

□Automotive Industry Transformation: Shift towards electric and autonomous vehicles necessitating specialized semiconductor solutions for power management and control systems.

□Healthcare Sector Digitization: Integration of semiconductor-based technologies in medical devices and healthcare applications.

□Government Support: Policies and funding aimed at boosting domestic semiconductor manufacturing and R&D activities.

□Strategic Partnerships: Collaborations between research institutions, government agencies, and private companies to accelerate innovation and commercialization.

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1. □□ □□□□□□□□□□:

- Memory Devices
- Logic Devices
- Analog IC
- MPU
- Discrete Power Devices
- MCU
- Sensors
- Others

2. □□ □□□□□□□□ □□□□:

- Silicon Carbide
- Gallium Manganese Arsenide
- Copper Indium Gallium Selenide
- Molybdenum Disulfide
- Others

3. □□ □□□ □□□:

- Automotive
- Industrial
- Data Centre
- Telecommunication
- Consumer Electronics
- Aerospace and Defense
- Healthcare
- Others

4. □□ □□□□□□:

- New South Wales
- Victoria
- Queensland
- Australian Capital Territory
- Western Australia
- Others

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□In October 2023, the Australian National Fabrication Facility received AUD 47.4 million under the National Collaborative Research Infrastructure Strategy to support semiconductor device R&D with advanced cleanrooms and precision equipment.

□In February 2024, over AUD 51 million was allocated through the Cooperative Research Centers Projects (CRC-P) program for twenty-one R&D projects across compound semiconductors, advanced packaging, and quantum devices.

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1. Market Performance (2019–2024)
2. Market Outlook (2025–2033)
3. COVID-19 Impact on the Market
4. Porter’s Five Forces Analysis
5. Strategic Recommendations
6. Historical, Current, and Future Market Trends
7. Market Drivers and Success Factors
8. SWOT Analysis
9. Structure of the Market
10. Value Chain Analysis
11. Comprehensive Mapping of the Competitive Landscape

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