

Stay Ahead: 2023 Semiconductor Industry Research Value Pack

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Abstracts

This pack offers comprehensive insights into the IC design, IC manufacturing (foundry, memory), and IC OSAT (Outsourced Semiconductor Assembly and Testing) sectors, covering global, Taiwan, and China, along with their respective supply chains for the period 2022-2023 and beyond.

Despite adverse factors such as high inflation rates and the Russia-Ukraine war, the global semiconductor industry sustained double-digit growth throughout 2022, supported by higher revenue in the first half and robust sales of networking and data center chips. In 2023, the global semiconductor market is expected to have declined by 10.1% to US\$516.1 billion under the influence of the overall macroeconomic environment. Among them, the memory IC sector has been the most affected this year. Fortunately, since the first quarter of 2023, major global memory IC manufacturers have implemented production reduction controls, stabilizing shipment prices. With an expected year-on-year growth of 46.3%, the memory IC sector is anticipated to reach US\$134.3 billion in 2024 and continue high growth in 2025 and 2026, with year-on-year growth rates of 38.7% and 13.1%, respectively. This sector is expected to be a major driving force for the global semiconductor market growth in the next three years.

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