

Development and Strategic Position of the Global Semiconductor Industry Chain

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Date: September 2024

Pages: 17

Price: US\$ 2,080.00 (Single User License)

ID: DFDE64EED62FEN

Abstracts

With escalating geopolitical risks, ongoing conflicts, tighter monetary policies in Europe and the U.S., and variables such as uncertainties from national elections and natural disasters, global economic performance is expected to remain flat or subdued compared to 2023. Despite the broader economic challenges, the semiconductor market is seeing a nearing completion of inventory adjustments. As demand for terminal products gradually recovers and long-term needs in automotive, high-performance computing (HPC), and Artificial Intelligence of Things (AIoT) sectors provide support, the semiconductor market is anticipated to return to a growth trajectory, with potential for double-digit growth. This report offers an overview of the global semiconductor market performance, analyzes the competitive landscape of three dynamic random access memory (DRAM) suppliers—Samsung, SK Hynix, and Micron—and explores the future development of 3D NAND and major wafer foundries through 2025.

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