

Global Semiconductor Devices Market Growth 2024-2030

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Abstracts

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The global Semiconductor Devices market size is projected to grow from US\$ million in 2023 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) 'newest research report, the "Semiconductor Devices Industry Forecast" looks at past sales and reviews total world Semiconductor Devices sales in 2023, providing a comprehensive analysis by region and market sector of projected Semiconductor Devices sales for 2024 through 2030. With Semiconductor Devices sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Semiconductor Devices industry.

This Insight Report provides a comprehensive analysis of the global Semiconductor Devices landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Semiconductor Devices portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Semiconductor Devices market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Devices and breaks down the forecast by Materials, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced



view of the current state and future trajectory in the global Semiconductor Devices.

The global market for semiconductor was estimated at US\$ 579 billion in the year 2022, is projected to US\$ 790 billion by 2029, growing at a CAGR of 6% during the forecast period. Although some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.76%, Sensor with 16.31%, and Logic with 14.46% growth, Memory declined with 12.64% year over year. The microprocessor (MPU) and microcontroller (MCU) segments will experience stagnant growth due to weak shipments and investment in notebooks, computers, and standard desktops. In the current market scenario, the growing popularity of IoT-based electronics is stimulating the need for powerful processors and controllers. Hybrid MPUs and MCUs provide real-time embedded processing and control for the topmost IoT-based applications, resulting in significant market growth. The Analog IC segment is expected to grow gradually, while demand from the networking and communications industries is limited. Few of the emerging trends in the growing demand for Analog integrated circuits include signal conversion, automotive-specific Analog applications, and power management. They drive the growing demand for discrete power devices.

This report presents a comprehensive overview, market shares, and growth opportunities of Semiconductor Devices market by product type, application, key manufacturers and key regions and countries.

Segme	entation by materials
	Silicon
	Germanium
	Gallium Arsenide
	Others

Segmentation by application

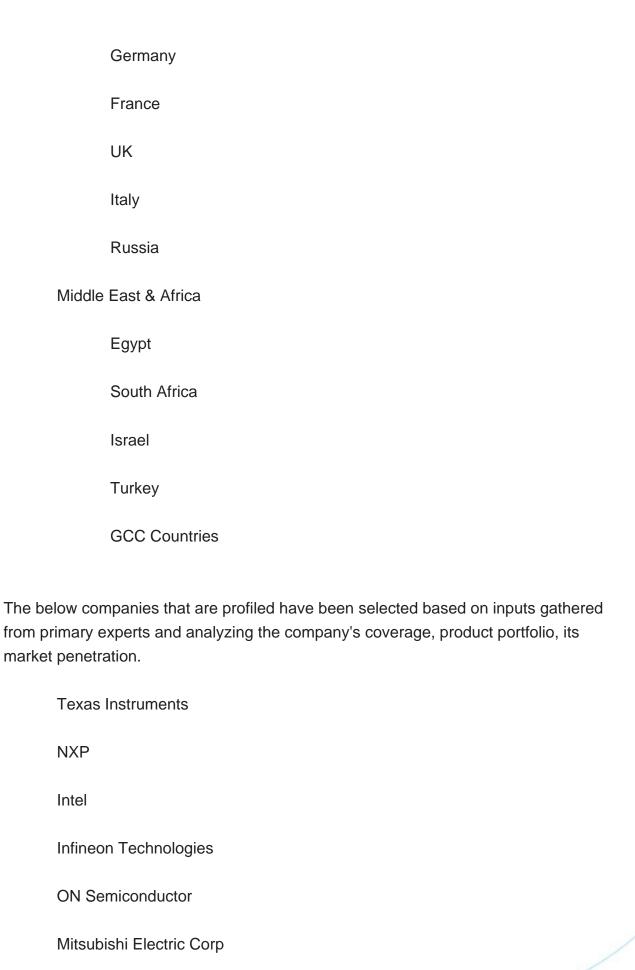
Electronics

Automotive











Toshiba

STMicroelectronics		
Vishay Intertechnology		
Fuji Electric		
Renesas Electronics		
ROHM Semiconductor		
Nexperia		
Microchip Technology		
IXYS Corporation		
Qualcomm		
Key Questions Addressed in this Report		
What is the 10-year outlook for the global Semiconductor Devices market?		
What factors are driving Semiconductor Devices market growth, globally and by region?		
Which technologies are poised for the fastest growth by market and region?		
How do Semiconductor Devices market opportunities vary by end market size?		
How does Semiconductor Devices break out materials, application?		



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