

Global Power Semiconductor Switches Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Power Semiconductor Switches market size is expected to reach \$ 11130 million by 2032, rising at a market growth of 5.1% CAGR during the forecast period (2026-2032).

Power Semiconductor Switches are the discrete power device. A discrete power device (or discrete component) is an electronic component with just one circuit element, other than an integrated circuit. It is an electronic component widely used in automotive & transportation, industrial, consumer, communication and among others. The power transistors and thyristors are called Power Semiconductor Switches, which include PowerMOSFETs, IGBTs, Bipolar Power Transistors, SCR, GTO etc.

Global Power Semiconductor Switches main players are Infineon Technologies AG, ON Semiconductor, STMicroelectronics N.V., Toshiba Corporation, etc. Global top four manufacturers hold a share over 35%. China is the largest market, with a share nearly 50%.

This report studies the global Power Semiconductor Switches production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Power Semiconductor Switches and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Power Semiconductor Switches that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Power Semiconductor Switches total production and demand, 2021-2032, (K Units)
Global Power Semiconductor Switches total production value, 2021-2032, (USD Million)
Global Power Semiconductor Switches production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)
Global Power Semiconductor Switches consumption by region & country, CAGR, 2021-2032 & (K Units)
U.S. VS China: Power Semiconductor Switches domestic production, consumption, key domestic manufacturers and share
Global Power Semiconductor Switches production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)
Global Power Semiconductor Switches production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)
Global Power Semiconductor Switches production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Power Semiconductor Switches market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Infineon Technologies AG, ON Semiconductor, STMicroelectronics N.V., Toshiba Corporation, Vishay Intertechnology Inc, Fuji Electric, Renesas Electronics, ROHM Semiconductor, Sanken, Nexperia, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Power Semiconductor Switches market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Power Semiconductor Switches Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Power Semiconductor Switches Market, Segmentation by Type:

Power MOSFETs

IGBTs

Bipolar Power Transistors

Thyristors

Global Power Semiconductor Switches Market, Segmentation by Application:

Automotive & Transportation

Industrial & Power

Consumer

Computing & Communications

Others

Companies Profiled:

Infineon Technologies AG

ON Semiconductor

STMicroelectronics N.V.

Toshiba Corporation

Vishay Intertechnology Inc

Fuji Electric

Renesas Electronics

ROHM Semiconductor

Sanken

Nexperia

Mitsubishi Electric Corporation

Microchip Technology

Semikron Inc

IXYS

ABB Ltd.

Key Questions Answered:

1. How big is the global Power Semiconductor Switches market?
2. What is the demand of the global Power Semiconductor Switches market?
3. What is the year over year growth of the global Power Semiconductor Switches

market?

4. What is the production and production value of the global Power Semiconductor Switches market?
5. Who are the key producers in the global Power Semiconductor Switches market?
6. What are the growth factors driving the market demand?

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