

Global Power Semiconductor (IDM) Market Growth (Status and Outlook) 2024-2030

<https://marketpublishers.com/r/G9F729A935ACEN.html>

Date: August 2024

Pages: 172

Price: US\$ 3,660.00 (Single User License)

ID: G9F729A935ACEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

“Integrated Device Manufacturer (IDM)” refers to corporations that handles all processes in manufacturing semiconductors. This means one corporation has the fab*, the wafer-producing facility, and also takes charge in designing the semiconductors, wafer processing, packaging, and testing.

This report studies the power semiconductors of IDM model.

The global Power Semiconductor (IDM) market size is projected to grow from US\$ 58400 million in 2024 to US\$ 79760 million in 2030; it is expected to grow at a CAGR of 5.3% from 2024 to 2030.

LPI (LP Information)' newest research report, the “Power Semiconductor (IDM) Industry Forecast” looks at past sales and reviews total world Power Semiconductor (IDM) sales in 2022, providing a comprehensive analysis by region and market sector of projected Power Semiconductor (IDM) sales for 2023 through 2029. With Power Semiconductor (IDM) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Power Semiconductor (IDM) industry.

This Insight Report provides a comprehensive analysis of the global Power Semiconductor (IDM) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Power Semiconductor (IDM) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these

firms' unique position in an accelerating global Power Semiconductor (IDM) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Power Semiconductor (IDM) and breaks down the forecast by Type, 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 Power Semiconductor (IDM).

United States market for Power Semiconductor (IDM) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Power Semiconductor (IDM) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Power Semiconductor (IDM) is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Power Semiconductor (IDM) players cover Infineon, STMicroelectronics, NXP, Analog Devices, Inc. (ADI), Renesas, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Power Semiconductor (IDM) market by product type, application, key players and key regions and countries.

Segmentation by Type:

Power Management Integrated Circuits (PMICs)

MOSFET

IGBT

Diodes

Others

Segmentation by Application:

Industrial Control

Automotive

Consumer Electronics

Communication

Grid and Energy

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Infineon

STMicroelectronics

NXP

Analog Devices, Inc. (ADI)

Renesas

Microchip Technology

Onsemi

Texas Instruments (TI)

Toshiba

Minebea Power Semiconductor Device Inc

Wolfspeed

Littelfuse

Diodes Incorporated

Rohm

Fuji Electric

Vishay Intertechnology

Mitsubishi Electric

Nexperia

Sanken Electric

CR Micro

Hangzhou Silan Integrated Circuit

Jilin Sino-Microelectronics

Jiangsu Jiejie Microelectronics

Suzhou Good-Ark Electronics

Zhuzhou CRRC Times Electric

BYD

Hubei TECH Semiconductors

Changzhou Galaxy Century Microelectronics

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