+357 96 030922
info@marketpublishers.com

Global Silicon Wafer for Discrete Power Devices Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

https://marketpublishers.com/r/GB64D1DA862BEN.html
Date: June 2026
Pages: 136
Price: US$ 3,480.00 (Single User License)
ID: GB64D1DA862BEN

Abstracts

According to our (Global Info Research) latest study, the global Silicon Wafer for Discrete Power Devices market size was valued at US$ 2691 million in 2025 and is forecast to a readjusted size of US$ 4435 million by 2032 with a CAGR of 7.5% during review period.

Silicon wafers are the substrate material for semiconductors and are used in all kinds of devices, from smartphones, home appliances, automobiles and other devices that we see in our daily lives, to cutting-edge fields such as AI and IoT.

This report studies the semiconductor silicon wafers for discrete power Devices.

Discrete power devices refer to electronic devices with individual functions and functions that cannot be disassembled. According to different chip structures and functions, they can be divided into diodes, triodes, bridge rectifiers, thyristors, etc., and can be divided from the perspective of power dissipation (or rated current) For small signal devices, power devices.

Discrete power devices are electronic devices based on semiconductor materials with fixed single characteristics and functions. The device is mainly composed of a chip, a lead/frame, and a plastic casing. The chip determines device functions, such as rectification, voltage stabilization, switching, protection, etc. The lead/frame realizes the connection between the chip and the external circuit and the heat export. Provide protection for the chip and internal structure, ensure the stable realization of its functions, and are highly related to core performance such as heat dissipation.

+357 96 030922
info@marketpublishers.com

The discrete power devices are mainly produced in North America, Europe, Japan, Europe, China mainland, China Taiwan, South Korea and Southeast Asia, etc. The global key players are mainly from Europe, US, Japan, China mainland, and China Taiwan. In 2022, the global top ten players hold a share nearly 60 percent in terms of revenue.

This report is a detailed and comprehensive analysis for global Silicon Wafer for Discrete Power Devices market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Silicon Wafer for Discrete Power Devices market size and forecasts, in consumption value ($ Million), sales quantity (K Pcs), and average selling prices (US$/Pcs), 2021-2032

Global Silicon Wafer for Discrete Power Devices market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Pcs), and average selling prices (US$/Pcs), 2021-2032

Global Silicon Wafer for Discrete Power Devices market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Pcs), and average selling prices (US$/Pcs), 2021-2032

Global Silicon Wafer for Discrete Power Devices market shares of main players, shipments in revenue ($ Million), sales quantity (K Pcs), and ASP (US$/Pcs), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Silicon Wafer for Discrete Power Devices

To forecast future growth in each product and end-use market

+357 96 030922
info@marketpublishers.com

To assess competitive factors affecting the marketplace

This report profiles key players in the global Silicon Wafer for Discrete Power Devices market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Shin-Etsu Chemical, SUMCO, GlobalWafers, Siltronic AG, SK Siltron, FST Corporation, National Silicon Industry Group (NSIG), Zhonghuan Advanced Semiconductor Materials, Hangzhou Semiconductor Wafer, Shanghai Advanced Silicon Technology (AST), etc.

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

Market Segmentation

Silicon Wafer for Discrete Power Devices market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

200mm Silicon Wafer

300mm Silicon Wafer

150mm Silicon Wafer

Market segment by Application

MOSFET

Diodes

IGBT

+357 96 030922
info@marketpublishers.com

BJT

Thyristor

Major players covered

Shin-Etsu Chemical

SUMCO

GlobalWafers

Siltronic AG

SK Siltron

FST Corporation

National Silicon Industry Group (NSIG)

Zhonghuan Advanced Semiconductor Materials

Hangzhou Semiconductor Wafer

Shanghai Advanced Silicon Technology (AST)

Beijing ESWIN Technology Group

Wafer Works Corporation

Hangzhou Lion Microelectronics

GRINM Semiconductor Materials

MCL Electronic Materials

Soitec

+357 96 030922
info@marketpublishers.com

Zhejiang MTCN Technology

Hebei Puxing Electronic Technology

Nanjing Guosheng Electronics

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Silicon Wafer for Discrete Power Devices product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Silicon Wafer for Discrete Power Devices, with price, sales quantity, revenue, and global market share of Silicon Wafer for Discrete Power Devices from 2021 to 2026.

Chapter 3, the Silicon Wafer for Discrete Power Devices competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Silicon Wafer for Discrete Power Devices breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

+357 96 030922
info@marketpublishers.com

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Silicon Wafer for Discrete Power Devices market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Silicon Wafer for Discrete Power Devices.

Chapter 14 and 15, to describe Silicon Wafer for Discrete Power Devices sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Silicon Wafer for Discrete Power Devices Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: https://marketpublishers.com/r/GB64D1DA862BEN.html

Price: US$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GB64D1DA862BEN.html