

Global Power Semiconductor Discrete Devices Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/P5413C50FF28EN.html>

Date: July 2025

Pages: 208

Price: US\$ 3,480.00 (Single User License)

ID: P5413C50FF28EN

Abstracts

According to our (Global Info Research) latest study, the global Power Semiconductor Discrete Devices market size was valued at US\$ 31770 million in 2024 and is forecast to a readjusted size of USD 44200 million by 2031 with a CAGR of 4.9% during review period.

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.

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 2023, the global top ten players hold a share nearly 55 percent in terms of revenue.

In terms of product segment, the MOSFETs is the largest segment, with a share of 35%. IGBTs now are the second segment, and will be the largest segment in next few years, driven by the demand from electric vehicle (EV), PV and wind power, etc.

In terms of application, the automotive is the largest segment in 2023, holds a share over 35 percent, followed by Industrial Control, with a share about 224.8%.

In next several years, the SiC power devices like SiC SBD, SiC MOSFETs, and automotive grade IGBT will be the fast-growing products.

This report is a detailed and comprehensive analysis for global Power Semiconductor Discrete 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 Power Semiconductor Discrete Devices market size and forecasts, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (US\$/Pcs), 2020-2031

Global Power Semiconductor Discrete Devices market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (US\$/Pcs), 2020-2031

Global Power Semiconductor Discrete Devices market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (US\$/Pcs), 2020-2031

Global Power Semiconductor Discrete Devices market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Pcs), and ASP (US\$/Pcs), 2020-2025

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 Power Semiconductor Discrete Devices

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

To forecast future factors affecting the marketplace

This report profiles key players in the global Power Semiconductor Discrete 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 Infineon, onsemi, STMicroelectronics, Mitsubishi Electric (Vincotech), Nexperia, Vishay Intertechnology, Toshiba, Fuji Electric, Rohm, Renesas Electronics, etc.

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

Market Segmentation

Power Semiconductor Discrete Devices market is split by Type and by Application. For the period 2020-2031, 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

Diode

IGBT

MOSFET

Bipolar Transistor (BJT)

Thyristor

Market segment by Application

Automotive

Industrial Control

Consumer Electronics

Communication

Others

Major players covered

Infineon

onsemi

STMicroelectronics

Mitsubishi Electric (Vincotech)

Nexperia

Vishay Intertechnology

Toshiba

Fuji Electric

Rohm

Renesas Electronics

Diodes Incorporated

Littelfuse (IXYS)

Alpha & Omega Semiconductor

Semikron Danfoss

Hitachi Power Semiconductor Device

Microchip

Sanken Electric

Semtech

MagnaChip

Bosch

Texas Instruments

KEC Corporation

Wolfspeed

PANJIT Group

Unisonic Technologies (UTC)

Niko Semiconductor

Hangzhou Silan Microelectronics

Yangzhou Yangjie Electronic Technology

China Resources Microelectronics Limited

Jilin Sino-Microelectronics

StarPower

NCEPOWER

Prisemi

Jiangsu Jiejie Microelectronics

OmniVision Technologies

Suzhou Good-Ark Electronics

Zhuzhou CRRC Times Electric

WeEn Semiconductors

Changzhou Galaxy Century Microelectronics

MacMic Science & Technolog

BYD

Hubei TECH Semiconductors

BASiC Semiconductor

Shandong Jingdao Microelectronics

Sanan Optoelectronics

CETC-55

Shenzhen BASiC Semiconductor

Guangdong AccoPower

Qorvo (UnitedSiC)

GE Aerospace

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 Power Semiconductor Discrete Devices product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Power Semiconductor Discrete Devices, with price, sales quantity, revenue, and global market share of Power Semiconductor Discrete Devices from 2020 to 2025.

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

Chapter 4, the Power Semiconductor Discrete Devices breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Power Semiconductor Discrete Devices market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Power Semiconductor Discrete Devices.

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

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Power Semiconductor Discrete Devices Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Diode

1.3.3 IGBT

1.3.4 MOSFET

1.3.5 Bipolar Transistor (BJT)

1.3.6 Thyristor

1.4 Market Analysis by Application

1.4.1 Overview: Global Power Semiconductor Discrete Devices Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Automotive

1.4.3 Industrial Control

1.4.4 Consumer Electronics

1.4.5 Communication

1.4.6 Others

1.5 Global Power Semiconductor Discrete Devices Market Size & Forecast

1.5.1 Global Power Semiconductor Discrete Devices Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Power Semiconductor Discrete Devices Sales Quantity (2020-2031)

1.5.3 Global Power Semiconductor Discrete Devices Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Infineon

2.1.1 Infineon Details

2.1.2 Infineon Major Business

2.1.3 Infineon Power Semiconductor Discrete Devices Product and Services

2.1.4 Infineon Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Infineon Recent Developments/Updates

2.2 onsemi

2.2.1 onsemi Details

- 2.2.2 onsemi Major Business
- 2.2.3 onsemi Power Semiconductor Discrete Devices Product and Services
- 2.2.4 onsemi Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.2.5 onsemi Recent Developments/Updates
- 2.3 STMicroelectronics
 - 2.3.1 STMicroelectronics Details
 - 2.3.2 STMicroelectronics Major Business
 - 2.3.3 STMicroelectronics Power Semiconductor Discrete Devices Product and Services
 - 2.3.4 STMicroelectronics Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 STMicroelectronics Recent Developments/Updates
- 2.4 Mitsubishi Electric (Vincotech)
 - 2.4.1 Mitsubishi Electric (Vincotech) Details
 - 2.4.2 Mitsubishi Electric (Vincotech) Major Business
 - 2.4.3 Mitsubishi Electric (Vincotech) Power Semiconductor Discrete Devices Product and Services
 - 2.4.4 Mitsubishi Electric (Vincotech) Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 Mitsubishi Electric (Vincotech) Recent Developments/Updates
- 2.5 Nexperia
 - 2.5.1 Nexperia Details
 - 2.5.2 Nexperia Major Business
 - 2.5.3 Nexperia Power Semiconductor Discrete Devices Product and Services
 - 2.5.4 Nexperia Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Nexperia Recent Developments/Updates
- 2.6 Vishay Intertechnology
 - 2.6.1 Vishay Intertechnology Details
 - 2.6.2 Vishay Intertechnology Major Business
 - 2.6.3 Vishay Intertechnology Power Semiconductor Discrete Devices Product and Services
 - 2.6.4 Vishay Intertechnology Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Vishay Intertechnology Recent Developments/Updates
- 2.7 Toshiba
 - 2.7.1 Toshiba Details
 - 2.7.2 Toshiba Major Business

- 2.7.3 Toshiba Power Semiconductor Discrete Devices Product and Services
- 2.7.4 Toshiba Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.7.5 Toshiba Recent Developments/Updates
- 2.8 Fuji Electric
 - 2.8.1 Fuji Electric Details
 - 2.8.2 Fuji Electric Major Business
 - 2.8.3 Fuji Electric Power Semiconductor Discrete Devices Product and Services
 - 2.8.4 Fuji Electric Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.8.5 Fuji Electric Recent Developments/Updates
- 2.9 Rohm
 - 2.9.1 Rohm Details
 - 2.9.2 Rohm Major Business
 - 2.9.3 Rohm Power Semiconductor Discrete Devices Product and Services
 - 2.9.4 Rohm Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Rohm Recent Developments/Updates
- 2.10 Renesas Electronics
 - 2.10.1 Renesas Electronics Details
 - 2.10.2 Renesas Electronics Major Business
 - 2.10.3 Renesas Electronics Power Semiconductor Discrete Devices Product and Services
 - 2.10.4 Renesas Electronics Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Renesas Electronics Recent Developments/Updates
- 2.11 Diodes Incorporated
 - 2.11.1 Diodes Incorporated Details
 - 2.11.2 Diodes Incorporated Major Business
 - 2.11.3 Diodes Incorporated Power Semiconductor Discrete Devices Product and Services
 - 2.11.4 Diodes Incorporated Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.11.5 Diodes Incorporated Recent Developments/Updates
- 2.12 Littelfuse (IXYS)
 - 2.12.1 Littelfuse (IXYS) Details
 - 2.12.2 Littelfuse (IXYS) Major Business
 - 2.12.3 Littelfuse (IXYS) Power Semiconductor Discrete Devices Product and Services
 - 2.12.4 Littelfuse (IXYS) Power Semiconductor Discrete Devices Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 Littelfuse (IXYS) Recent Developments/Updates

2.13 Alpha & Omega Semiconductor

2.13.1 Alpha & Omega Semiconductor Details

2.13.2 Alpha & Omega Semiconductor Major Business

2.13.3 Alpha & Omega Semiconductor Power Semiconductor Discrete Devices

Product and Services

2.13.4 Alpha & Omega Semiconductor Power Semiconductor Discrete Devices Sales
Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 Alpha & Omega Semiconductor Recent Developments/Updates

2.14 Semikron Danfoss

2.14.1 Semikron Danfoss Details

2.14.2 Semikron Danfoss Major Business

2.14.3 Semikron Danfoss Power Semiconductor Discrete Devices Product and
Services

2.14.4 Semikron Danfoss Power Semiconductor Discrete Devices Sales Quantity,
Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 Semikron Danfoss Recent Developments/Updates

2.15 Hitachi Power Semiconductor Device

2.15.1 Hitachi Power Semiconductor Device Details

2.15.2 Hitachi Power Semiconductor Device Major Business

2.15.3 Hitachi Power Semiconductor Device Power Semiconductor Discrete Devices
Product and Services

2.15.4 Hitachi Power Semiconductor Device Power Semiconductor Discrete Devices
Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.15.5 Hitachi Power Semiconductor Device Recent Developments/Updates

2.16 Microchip

2.16.1 Microchip Details

2.16.2 Microchip Major Business

2.16.3 Microchip Power Semiconductor Discrete Devices Product and Services

2.16.4 Microchip Power Semiconductor Discrete Devices Sales Quantity, Average
Price, Revenue, Gross Margin and Market Share (2020-2025)

2.16.5 Microchip Recent Developments/Updates

2.17 Sanken Electric

2.17.1 Sanken Electric Details

2.17.2 Sanken Electric Major Business

2.17.3 Sanken Electric Power Semiconductor Discrete Devices Product and Services

2.17.4 Sanken Electric Power Semiconductor Discrete Devices Sales Quantity,
Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.17.5 Sanken Electric Recent Developments/Updates
- 2.18 Semtech
 - 2.18.1 Semtech Details
 - 2.18.2 Semtech Major Business
 - 2.18.3 Semtech Power Semiconductor Discrete Devices Product and Services
 - 2.18.4 Semtech Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.18.5 Semtech Recent Developments/Updates
- 2.19 MagnaChip
 - 2.19.1 MagnaChip Details
 - 2.19.2 MagnaChip Major Business
 - 2.19.3 MagnaChip Power Semiconductor Discrete Devices Product and Services
 - 2.19.4 MagnaChip Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.19.5 MagnaChip Recent Developments/Updates
- 2.20 Bosch
 - 2.20.1 Bosch Details
 - 2.20.2 Bosch Major Business
 - 2.20.3 Bosch Power Semiconductor Discrete Devices Product and Services
 - 2.20.4 Bosch Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.20.5 Bosch Recent Developments/Updates
- 2.21 Texas Instruments
 - 2.21.1 Texas Instruments Details
 - 2.21.2 Texas Instruments Major Business
 - 2.21.3 Texas Instruments Power Semiconductor Discrete Devices Product and Services
 - 2.21.4 Texas Instruments Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.21.5 Texas Instruments Recent Developments/Updates
- 2.22 KEC Corporation
 - 2.22.1 KEC Corporation Details
 - 2.22.2 KEC Corporation Major Business
 - 2.22.3 KEC Corporation Power Semiconductor Discrete Devices Product and Services
 - 2.22.4 KEC Corporation Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.22.5 KEC Corporation Recent Developments/Updates
- 2.23 Wolfspeed
 - 2.23.1 Wolfspeed Details

- 2.23.2 Wolfspeed Major Business
- 2.23.3 Wolfspeed Power Semiconductor Discrete Devices Product and Services
- 2.23.4 Wolfspeed Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.23.5 Wolfspeed Recent Developments/Updates
- 2.24 PANJIT Group
 - 2.24.1 PANJIT Group Details
 - 2.24.2 PANJIT Group Major Business
 - 2.24.3 PANJIT Group Power Semiconductor Discrete Devices Product and Services
 - 2.24.4 PANJIT Group Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.24.5 PANJIT Group Recent Developments/Updates
- 2.25 Unisonic Technologies (UTC)
 - 2.25.1 Unisonic Technologies (UTC) Details
 - 2.25.2 Unisonic Technologies (UTC) Major Business
 - 2.25.3 Unisonic Technologies (UTC) Power Semiconductor Discrete Devices Product and Services
 - 2.25.4 Unisonic Technologies (UTC) Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.25.5 Unisonic Technologies (UTC) Recent Developments/Updates
- 2.26 Niko Semiconductor
 - 2.26.1 Niko Semiconductor Details
 - 2.26.2 Niko Semiconductor Major Business
 - 2.26.3 Niko Semiconductor Power Semiconductor Discrete Devices Product and Services
 - 2.26.4 Niko Semiconductor Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.26.5 Niko Semiconductor Recent Developments/Updates
- 2.27 Hangzhou Silan Microelectronics
 - 2.27.1 Hangzhou Silan Microelectronics Details
 - 2.27.2 Hangzhou Silan Microelectronics Major Business
 - 2.27.3 Hangzhou Silan Microelectronics Power Semiconductor Discrete Devices Product and Services
 - 2.27.4 Hangzhou Silan Microelectronics Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.27.5 Hangzhou Silan Microelectronics Recent Developments/Updates
- 2.28 Yangzhou Yangjie Electronic Technology
 - 2.28.1 Yangzhou Yangjie Electronic Technology Details
 - 2.28.2 Yangzhou Yangjie Electronic Technology Major Business

2.28.3 Yangzhou Yangjie Electronic Technology Power Semiconductor Discrete Devices Product and Services

2.28.4 Yangzhou Yangjie Electronic Technology Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.28.5 Yangzhou Yangjie Electronic Technology Recent Developments/Updates
2.29 China Resources Microelectronics Limited

2.29.1 China Resources Microelectronics Limited Details

2.29.2 China Resources Microelectronics Limited Major Business

2.29.3 China Resources Microelectronics Limited Power Semiconductor Discrete Devices Product and Services

2.29.4 China Resources Microelectronics Limited Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.29.5 China Resources Microelectronics Limited Recent Developments/Updates
2.30 Jilin Sino-Microelectronics

2.30.1 Jilin Sino-Microelectronics Details

2.30.2 Jilin Sino-Microelectronics Major Business

2.30.3 Jilin Sino-Microelectronics Power Semiconductor Discrete Devices Product and Services

2.30.4 Jilin Sino-Microelectronics Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.30.5 Jilin Sino-Microelectronics Recent Developments/Updates

2.31 StarPower

2.31.1 StarPower Details

2.31.2 StarPower Major Business

2.31.3 StarPower Power Semiconductor Discrete Devices Product and Services

2.31.4 StarPower Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.31.5 StarPower Recent Developments/Updates

2.32 NCEPOWER

2.32.1 NCEPOWER Details

2.32.2 NCEPOWER Major Business

2.32.3 NCEPOWER Power Semiconductor Discrete Devices Product and Services

2.32.4 NCEPOWER Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.32.5 NCEPOWER Recent Developments/Updates

2.33 Prisemi

2.33.1 Prisemi Details

- 2.33.2 Prisemi Major Business
- 2.33.3 Prisemi Power Semiconductor Discrete Devices Product and Services
- 2.33.4 Prisemi Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.33.5 Prisemi Recent Developments/Updates
- 2.34 Jiangsu Jiejie Microelectronics
 - 2.34.1 Jiangsu Jiejie Microelectronics Details
 - 2.34.2 Jiangsu Jiejie Microelectronics Major Business
 - 2.34.3 Jiangsu Jiejie Microelectronics Power Semiconductor Discrete Devices Product and Services
 - 2.34.4 Jiangsu Jiejie Microelectronics Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.34.5 Jiangsu Jiejie Microelectronics Recent Developments/Updates
- 2.35 OmniVision Technologies
 - 2.35.1 OmniVision Technologies Details
 - 2.35.2 OmniVision Technologies Major Business
 - 2.35.3 OmniVision Technologies Power Semiconductor Discrete Devices Product and Services
 - 2.35.4 OmniVision Technologies Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.35.5 OmniVision Technologies Recent Developments/Updates
- 2.36 Suzhou Good-Ark Electronics
 - 2.36.1 Suzhou Good-Ark Electronics Details
 - 2.36.2 Suzhou Good-Ark Electronics Major Business
 - 2.36.3 Suzhou Good-Ark Electronics Power Semiconductor Discrete Devices Product and Services
 - 2.36.4 Suzhou Good-Ark Electronics Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.36.5 Suzhou Good-Ark Electronics Recent Developments/Updates
- 2.37 Zhuzhou CRRC Times Electric
 - 2.37.1 Zhuzhou CRRC Times Electric Details
 - 2.37.2 Zhuzhou CRRC Times Electric Major Business
 - 2.37.3 Zhuzhou CRRC Times Electric Power Semiconductor Discrete Devices Product and Services
 - 2.37.4 Zhuzhou CRRC Times Electric Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.37.5 Zhuzhou CRRC Times Electric Recent Developments/Updates
- 2.38 WeEn Semiconductors
 - 2.38.1 WeEn Semiconductors Details

2.38.2 WeEn Semiconductors Major Business

2.38.3 WeEn Semiconductors Power Semiconductor Discrete Devices Product and Services

2.38.4 WeEn Semiconductors Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.38.5 WeEn Semiconductors Recent Developments/Updates

2.39 Changzhou Galaxy Century Microelectronics

2.39.1 Changzhou Galaxy Century Microelectronics Details

2.39.2 Changzhou Galaxy Century Microelectronics Major Business

2.39.3 Changzhou Galaxy Century Microelectronics Power Semiconductor Discrete Devices Product and Services

2.39.4 Changzhou Galaxy Century Microelectronics Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.39.5 Changzhou Galaxy Century Microelectronics Recent Developments/Updates

2.40 MacMic Science & Technolog

2.40.1 MacMic Science & Technolog Details

2.40.2 MacMic Science & Technolog Major Business

2.40.3 MacMic Science & Technolog Power Semiconductor Discrete Devices Product and Services

2.40.4 MacMic Science & Technolog Power Semiconductor Discrete Devices Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.40.5 MacMic Science & Technolog Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: POWER SEMICONDUCTOR DISCRETE DEVICES BY MANUFACTURER

3.1 Global Power Semiconductor Discrete Devices Sales Quantity by Manufacturer (2020-2025)

3.2 Global Power Semiconductor Discrete Devices Revenue by Manufacturer (2020-2025)

3.3 Global Power Semiconductor Discrete Devices Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Power Semiconductor Discrete Devices by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Power Semiconductor Discrete Devices Manufacturer Market Share in 2024

3.4.3 Top 6 Power Semiconductor Discrete Devices Manufacturer Market Share in

2024

3.5 Power Semiconductor Discrete Devices Market: Overall Company Footprint Analysis

3.5.1 Power Semiconductor Discrete Devices Market: Region Footprint

3.5.2 Power Semiconductor Discrete Devices Market: Company Product Type Footprint

3.5.3 Power Semiconductor Discrete Devices Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Power Semiconductor Discrete Devices Market Size by Region

4.1.1 Global Power Semiconductor Discrete Devices Sales Quantity by Region (2020-2031)

4.1.2 Global Power Semiconductor Discrete Devices Consumption Value by Region (2020-2031)

4.1.3 Global Power Semiconductor Discrete Devices Average Price by Region (2020-2031)

4.2 North America Power Semiconductor Discrete Devices Consumption Value (2020-2031)

4.3 Europe Power Semiconductor Discrete Devices Consumption Value (2020-2031)

4.4 Asia-Pacific Power Semiconductor Discrete Devices Consumption Value (2020-2031)

4.5 South America Power Semiconductor Discrete Devices Consumption Value (2020-2031)

4.6 Middle East & Africa Power Semiconductor Discrete Devices Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2031)

5.2 Global Power Semiconductor Discrete Devices Consumption Value by Type (2020-2031)

5.3 Global Power Semiconductor Discrete Devices Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2031)

6.2 Global Power Semiconductor Discrete Devices Consumption Value by Application (2020-2031)

6.3 Global Power Semiconductor Discrete Devices Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2031)

7.2 North America Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2031)

7.3 North America Power Semiconductor Discrete Devices Market Size by Country

7.3.1 North America Power Semiconductor Discrete Devices Sales Quantity by Country (2020-2031)

7.3.2 North America Power Semiconductor Discrete Devices Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2031)

8.2 Europe Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2031)

8.3 Europe Power Semiconductor Discrete Devices Market Size by Country

8.3.1 Europe Power Semiconductor Discrete Devices Sales Quantity by Country (2020-2031)

8.3.2 Europe Power Semiconductor Discrete Devices Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Power Semiconductor Discrete Devices Market Size by Region

9.3.1 Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Power Semiconductor Discrete Devices Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2031)

10.2 South America Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2031)

10.3 South America Power Semiconductor Discrete Devices Market Size by Country

10.3.1 South America Power Semiconductor Discrete Devices Sales Quantity by Country (2020-2031)

10.3.2 South America Power Semiconductor Discrete Devices Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Power Semiconductor Discrete Devices Market Size by

Country

11.3.1 Middle East & Africa Power Semiconductor Discrete Devices Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Power Semiconductor Discrete Devices Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Power Semiconductor Discrete Devices Market Drivers

12.2 Power Semiconductor Discrete Devices Market Restraints

12.3 Power Semiconductor Discrete Devices Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Power Semiconductor Discrete Devices and Key Manufacturers

13.2 Manufacturing Costs Percentage of Power Semiconductor Discrete Devices

13.3 Power Semiconductor Discrete Devices Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Power Semiconductor Discrete Devices Typical Distributors

14.3 Power Semiconductor Discrete Devices Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Power Semiconductor Discrete Devices Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Power Semiconductor Discrete Devices Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Infineon Basic Information, Manufacturing Base and Competitors

Table 4. Infineon Major Business

Table 5. Infineon Power Semiconductor Discrete Devices Product and Services

Table 6. Infineon Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Infineon Recent Developments/Updates

Table 8. onsemi Basic Information, Manufacturing Base and Competitors

Table 9. onsemi Major Business

Table 10. onsemi Power Semiconductor Discrete Devices Product and Services

Table 11. onsemi Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. onsemi Recent Developments/Updates

Table 13. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 14. STMicroelectronics Major Business

Table 15. STMicroelectronics Power Semiconductor Discrete Devices Product and Services

Table 16. STMicroelectronics Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. STMicroelectronics Recent Developments/Updates

Table 18. Mitsubishi Electric (Vincotech) Basic Information, Manufacturing Base and Competitors

Table 19. Mitsubishi Electric (Vincotech) Major Business

Table 20. Mitsubishi Electric (Vincotech) Power Semiconductor Discrete Devices Product and Services

Table 21. Mitsubishi Electric (Vincotech) Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Mitsubishi Electric (Vincotech) Recent Developments/Updates

Table 23. Nexperia Basic Information, Manufacturing Base and Competitors
Table 24. Nexperia Major Business
Table 25. Nexperia Power Semiconductor Discrete Devices Product and Services
Table 26. Nexperia Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 27. Nexperia Recent Developments/Updates
Table 28. Vishay Intertechnology Basic Information, Manufacturing Base and Competitors
Table 29. Vishay Intertechnology Major Business
Table 30. Vishay Intertechnology Power Semiconductor Discrete Devices Product and Services
Table 31. Vishay Intertechnology Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 32. Vishay Intertechnology Recent Developments/Updates
Table 33. Toshiba Basic Information, Manufacturing Base and Competitors
Table 34. Toshiba Major Business
Table 35. Toshiba Power Semiconductor Discrete Devices Product and Services
Table 36. Toshiba Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 37. Toshiba Recent Developments/Updates
Table 38. Fuji Electric Basic Information, Manufacturing Base and Competitors
Table 39. Fuji Electric Major Business
Table 40. Fuji Electric Power Semiconductor Discrete Devices Product and Services
Table 41. Fuji Electric Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 42. Fuji Electric Recent Developments/Updates
Table 43. Rohm Basic Information, Manufacturing Base and Competitors
Table 44. Rohm Major Business
Table 45. Rohm Power Semiconductor Discrete Devices Product and Services
Table 46. Rohm Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 47. Rohm Recent Developments/Updates
Table 48. Renesas Electronics Basic Information, Manufacturing Base and Competitors
Table 49. Renesas Electronics Major Business

Table 50. Renesas Electronics Power Semiconductor Discrete Devices Product and Services

Table 51. Renesas Electronics Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Renesas Electronics Recent Developments/Updates

Table 53. Diodes Incorporated Basic Information, Manufacturing Base and Competitors

Table 54. Diodes Incorporated Major Business

Table 55. Diodes Incorporated Power Semiconductor Discrete Devices Product and Services

Table 56. Diodes Incorporated Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Diodes Incorporated Recent Developments/Updates

Table 58. Littelfuse (IXYS) Basic Information, Manufacturing Base and Competitors

Table 59. Littelfuse (IXYS) Major Business

Table 60. Littelfuse (IXYS) Power Semiconductor Discrete Devices Product and Services

Table 61. Littelfuse (IXYS) Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Littelfuse (IXYS) Recent Developments/Updates

Table 63. Alpha & Omega Semiconductor Basic Information, Manufacturing Base and Competitors

Table 64. Alpha & Omega Semiconductor Major Business

Table 65. Alpha & Omega Semiconductor Power Semiconductor Discrete Devices Product and Services

Table 66. Alpha & Omega Semiconductor Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. Alpha & Omega Semiconductor Recent Developments/Updates

Table 68. Semikron Danfoss Basic Information, Manufacturing Base and Competitors

Table 69. Semikron Danfoss Major Business

Table 70. Semikron Danfoss Power Semiconductor Discrete Devices Product and Services

Table 71. Semikron Danfoss Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Semikron Danfoss Recent Developments/Updates

Table 73. Hitachi Power Semiconductor Device Basic Information, Manufacturing Base and Competitors

Table 74. Hitachi Power Semiconductor Device Major Business

Table 75. Hitachi Power Semiconductor Device Power Semiconductor Discrete Devices Product and Services

Table 76. Hitachi Power Semiconductor Device Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. Hitachi Power Semiconductor Device Recent Developments/Updates

Table 78. Microchip Basic Information, Manufacturing Base and Competitors

Table 79. Microchip Major Business

Table 80. Microchip Power Semiconductor Discrete Devices Product and Services

Table 81. Microchip Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. Microchip Recent Developments/Updates

Table 83. Sanken Electric Basic Information, Manufacturing Base and Competitors

Table 84. Sanken Electric Major Business

Table 85. Sanken Electric Power Semiconductor Discrete Devices Product and Services

Table 86. Sanken Electric Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 87. Sanken Electric Recent Developments/Updates

Table 88. Semtech Basic Information, Manufacturing Base and Competitors

Table 89. Semtech Major Business

Table 90. Semtech Power Semiconductor Discrete Devices Product and Services

Table 91. Semtech Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 92. Semtech Recent Developments/Updates

Table 93. MagnaChip Basic Information, Manufacturing Base and Competitors

Table 94. MagnaChip Major Business

Table 95. MagnaChip Power Semiconductor Discrete Devices Product and Services

Table 96. MagnaChip Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 97. MagnaChip Recent Developments/Updates

Table 98. Bosch Basic Information, Manufacturing Base and Competitors

Table 99. Bosch Major Business

Table 100. Bosch Power Semiconductor Discrete Devices Product and Services

Table 101. Bosch Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 102. Bosch Recent Developments/Updates

Table 103. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 104. Texas Instruments Major Business

Table 105. Texas Instruments Power Semiconductor Discrete Devices Product and Services

Table 106. Texas Instruments Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 107. Texas Instruments Recent Developments/Updates

Table 108. KEC Corporation Basic Information, Manufacturing Base and Competitors

Table 109. KEC Corporation Major Business

Table 110. KEC Corporation Power Semiconductor Discrete Devices Product and Services

Table 111. KEC Corporation Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 112. KEC Corporation Recent Developments/Updates

Table 113. Wolfspeed Basic Information, Manufacturing Base and Competitors

Table 114. Wolfspeed Major Business

Table 115. Wolfspeed Power Semiconductor Discrete Devices Product and Services

Table 116. Wolfspeed Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 117. Wolfspeed Recent Developments/Updates

Table 118. PANJIT Group Basic Information, Manufacturing Base and Competitors

Table 119. PANJIT Group Major Business

Table 120. PANJIT Group Power Semiconductor Discrete Devices Product and Services

Table 121. PANJIT Group Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 122. PANJIT Group Recent Developments/Updates

Table 123. Unisonic Technologies (UTC) Basic Information, Manufacturing Base and Competitors

Table 124. Unisonic Technologies (UTC) Major Business

Table 125. Unisonic Technologies (UTC) Power Semiconductor Discrete Devices Product and Services

Table 126. Unisonic Technologies (UTC) Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 127. Unisonic Technologies (UTC) Recent Developments/Updates

Table 128. Niko Semiconductor Basic Information, Manufacturing Base and Competitors

Table 129. Niko Semiconductor Major Business

Table 130. Niko Semiconductor Power Semiconductor Discrete Devices Product and Services

Table 131. Niko Semiconductor Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 132. Niko Semiconductor Recent Developments/Updates

Table 133. Hangzhou Silan Microelectronics Basic Information, Manufacturing Base and Competitors

Table 134. Hangzhou Silan Microelectronics Major Business

Table 135. Hangzhou Silan Microelectronics Power Semiconductor Discrete Devices Product and Services

Table 136. Hangzhou Silan Microelectronics Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 137. Hangzhou Silan Microelectronics Recent Developments/Updates

Table 138. Yangzhou Yangjie Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 139. Yangzhou Yangjie Electronic Technology Major Business

Table 140. Yangzhou Yangjie Electronic Technology Power Semiconductor Discrete Devices Product and Services

Table 141. Yangzhou Yangjie Electronic Technology Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 142. Yangzhou Yangjie Electronic Technology Recent Developments/Updates

Table 143. China Resources Microelectronics Limited Basic Information, Manufacturing Base and Competitors

Table 144. China Resources Microelectronics Limited Major Business

Table 145. China Resources Microelectronics Limited Power Semiconductor Discrete Devices Product and Services

Table 146. China Resources Microelectronics Limited Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 147. China Resources Microelectronics Limited Recent Developments/Updates

Table 148. Jilin Sino-Microelectronics Basic Information, Manufacturing Base and Competitors

Table 149. Jilin Sino-Microelectronics Major Business

Table 150. Jilin Sino-Microelectronics Power Semiconductor Discrete Devices Product and Services

Table 151. Jilin Sino-Microelectronics Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 152. Jilin Sino-Microelectronics Recent Developments/Updates

Table 153. StarPower Basic Information, Manufacturing Base and Competitors

Table 154. StarPower Major Business

Table 155. StarPower Power Semiconductor Discrete Devices Product and Services

Table 156. StarPower Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 157. StarPower Recent Developments/Updates

Table 158. NCEPOWER Basic Information, Manufacturing Base and Competitors

Table 159. NCEPOWER Major Business

Table 160. NCEPOWER Power Semiconductor Discrete Devices Product and Services

Table 161. NCEPOWER Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 162. NCEPOWER Recent Developments/Updates

Table 163. Prisemi Basic Information, Manufacturing Base and Competitors

Table 164. Prisemi Major Business

Table 165. Prisemi Power Semiconductor Discrete Devices Product and Services

Table 166. Prisemi Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 167. Prisemi Recent Developments/Updates

Table 168. Jiangsu Jiejie Microelectronics Basic Information, Manufacturing Base and Competitors

Table 169. Jiangsu Jiejie Microelectronics Major Business

Table 170. Jiangsu Jiejie Microelectronics Power Semiconductor Discrete Devices Product and Services

Table 171. Jiangsu Jiejie Microelectronics Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 172. Jiangsu Jiejie Microelectronics Recent Developments/Updates

Table 173. OmniVision Technologies Basic Information, Manufacturing Base and Competitors

Table 174. OmniVision Technologies Major Business

Table 175. OmniVision Technologies Power Semiconductor Discrete Devices Product and Services

Table 176. OmniVision Technologies Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 177. OmniVision Technologies Recent Developments/Updates

Table 178. Suzhou Good-Ark Electronics Basic Information, Manufacturing Base and Competitors

Table 179. Suzhou Good-Ark Electronics Major Business

Table 180. Suzhou Good-Ark Electronics Power Semiconductor Discrete Devices Product and Services

Table 181. Suzhou Good-Ark Electronics Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 182. Suzhou Good-Ark Electronics Recent Developments/Updates

Table 183. Zhuzhou CRRC Times Electric Basic Information, Manufacturing Base and Competitors

Table 184. Zhuzhou CRRC Times Electric Major Business

Table 185. Zhuzhou CRRC Times Electric Power Semiconductor Discrete Devices Product and Services

Table 186. Zhuzhou CRRC Times Electric Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 187. Zhuzhou CRRC Times Electric Recent Developments/Updates

Table 188. WeEn Semiconductors Basic Information, Manufacturing Base and Competitors

Table 189. WeEn Semiconductors Major Business

Table 190. WeEn Semiconductors Power Semiconductor Discrete Devices Product and Services

Table 191. WeEn Semiconductors Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 192. WeEn Semiconductors Recent Developments/Updates
Table 193. Changzhou Galaxy Century Microelectronics Basic Information, Manufacturing Base and Competitors
Table 194. Changzhou Galaxy Century Microelectronics Major Business
Table 195. Changzhou Galaxy Century Microelectronics Power Semiconductor Discrete Devices Product and Services
Table 196. Changzhou Galaxy Century Microelectronics Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 197. Changzhou Galaxy Century Microelectronics Recent Developments/Updates
Table 198. MacMic Science & Technolog Basic Information, Manufacturing Base and Competitors
Table 199. MacMic Science & Technolog Major Business
Table 200. MacMic Science & Technolog Power Semiconductor Discrete Devices Product and Services
Table 201. MacMic Science & Technolog Power Semiconductor Discrete Devices Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 202. MacMic Science & Technolog Recent Developments/Updates
Table 203. Global Power Semiconductor Discrete Devices Sales Quantity by Manufacturer (2020-2025) & (Million Pcs)
Table 204. Global Power Semiconductor Discrete Devices Revenue by Manufacturer (2020-2025) & (USD Million)
Table 205. Global Power Semiconductor Discrete Devices Average Price by Manufacturer (2020-2025) & (US\$/Pcs)
Table 206. Market Position of Manufacturers in Power Semiconductor Discrete Devices, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024
Table 207. Head Office and Power Semiconductor Discrete Devices Production Site of Key Manufacturer
Table 208. Power Semiconductor Discrete Devices Market: Company Product Type Footprint
Table 209. Power Semiconductor Discrete Devices Market: Company Product Application Footprint
Table 210. Power Semiconductor Discrete Devices New Market Entrants and Barriers to Market Entry
Table 211. Power Semiconductor Discrete Devices Mergers, Acquisition, Agreements, and Collaborations
Table 212. Global Power Semiconductor Discrete Devices Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 213. Global Power Semiconductor Discrete Devices Sales Quantity by Region (2020-2025) & (Million Pcs)

Table 214. Global Power Semiconductor Discrete Devices Sales Quantity by Region (2026-2031) & (Million Pcs)

Table 215. Global Power Semiconductor Discrete Devices Consumption Value by Region (2020-2025) & (USD Million)

Table 216. Global Power Semiconductor Discrete Devices Consumption Value by Region (2026-2031) & (USD Million)

Table 217. Global Power Semiconductor Discrete Devices Average Price by Region (2020-2025) & (US\$/Pcs)

Table 218. Global Power Semiconductor Discrete Devices Average Price by Region (2026-2031) & (US\$/Pcs)

Table 219. Global Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2025) & (Million Pcs)

Table 220. Global Power Semiconductor Discrete Devices Sales Quantity by Type (2026-2031) & (Million Pcs)

Table 221. Global Power Semiconductor Discrete Devices Consumption Value by Type (2020-2025) & (USD Million)

Table 222. Global Power Semiconductor Discrete Devices Consumption Value by Type (2026-2031) & (USD Million)

Table 223. Global Power Semiconductor Discrete Devices Average Price by Type (2020-2025) & (US\$/Pcs)

Table 224. Global Power Semiconductor Discrete Devices Average Price by Type (2026-2031) & (US\$/Pcs)

Table 225. Global Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2025) & (Million Pcs)

Table 226. Global Power Semiconductor Discrete Devices Sales Quantity by Application (2026-2031) & (Million Pcs)

Table 227. Global Power Semiconductor Discrete Devices Consumption Value by Application (2020-2025) & (USD Million)

Table 228. Global Power Semiconductor Discrete Devices Consumption Value by Application (2026-2031) & (USD Million)

Table 229. Global Power Semiconductor Discrete Devices Average Price by Application (2020-2025) & (US\$/Pcs)

Table 230. Global Power Semiconductor Discrete Devices Average Price by Application (2026-2031) & (US\$/Pcs)

Table 231. North America Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2025) & (Million Pcs)

Table 232. North America Power Semiconductor Discrete Devices Sales Quantity by

Type (2026-2031) & (Million Pcs)

Table 233. North America Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2025) & (Million Pcs)

Table 234. North America Power Semiconductor Discrete Devices Sales Quantity by Application (2026-2031) & (Million Pcs)

Table 235. North America Power Semiconductor Discrete Devices Sales Quantity by Country (2020-2025) & (Million Pcs)

Table 236. North America Power Semiconductor Discrete Devices Sales Quantity by Country (2026-2031) & (Million Pcs)

Table 237. North America Power Semiconductor Discrete Devices Consumption Value by Country (2020-2025) & (USD Million)

Table 238. North America Power Semiconductor Discrete Devices Consumption Value by Country (2026-2031) & (USD Million)

Table 239. Europe Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2025) & (Million Pcs)

Table 240. Europe Power Semiconductor Discrete Devices Sales Quantity by Type (2026-2031) & (Million Pcs)

Table 241. Europe Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2025) & (Million Pcs)

Table 242. Europe Power Semiconductor Discrete Devices Sales Quantity by Application (2026-2031) & (Million Pcs)

Table 243. Europe Power Semiconductor Discrete Devices Sales Quantity by Country (2020-2025) & (Million Pcs)

Table 244. Europe Power Semiconductor Discrete Devices Sales Quantity by Country (2026-2031) & (Million Pcs)

Table 245. Europe Power Semiconductor Discrete Devices Consumption Value by Country (2020-2025) & (USD Million)

Table 246. Europe Power Semiconductor Discrete Devices Consumption Value by Country (2026-2031) & (USD Million)

Table 247. Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2025) & (Million Pcs)

Table 248. Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity by Type (2026-2031) & (Million Pcs)

Table 249. Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2025) & (Million Pcs)

Table 250. Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity by Application (2026-2031) & (Million Pcs)

Table 251. Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity by Region (2020-2025) & (Million Pcs)

Table 252. Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity by Region (2026-2031) & (Million Pcs)

Table 253. Asia-Pacific Power Semiconductor Discrete Devices Consumption Value by Region (2020-2025) & (USD Million)

Table 254. Asia-Pacific Power Semiconductor Discrete Devices Consumption Value by Region (2026-2031) & (USD Million)

Table 255. South America Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2025) & (Million Pcs)

Table 256. South America Power Semiconductor Discrete Devices Sales Quantity by Type (2026-2031) & (Million Pcs)

Table 257. South America Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2025) & (Million Pcs)

Table 258. South America Power Semiconductor Discrete Devices Sales Quantity by Application (2026-2031) & (Million Pcs)

Table 259. South America Power Semiconductor Discrete Devices Sales Quantity by Country (2020-2025) & (Million Pcs)

Table 260. South America Power Semiconductor Discrete Devices Sales Quantity by Country (2026-2031) & (Million Pcs)

Table 261. South America Power Semiconductor Discrete Devices Consumption Value by Country (2020-2025) & (USD Million)

Table 262. South America Power Semiconductor Discrete Devices Consumption Value by Country (2026-2031) & (USD Million)

Table 263. Middle East & Africa Power Semiconductor Discrete Devices Sales Quantity by Type (2020-2025) & (Million Pcs)

Table 264. Middle East & Africa Power Semiconductor Discrete Devices Sales Quantity by Type (2026-2031) & (Million Pcs)

Table 265. Middle East & Africa Power Semiconductor Discrete Devices Sales Quantity by Application (2020-2025) & (Million Pcs)

Table 266. Middle East & Africa Power Semiconductor Discrete Devices Sales Quantity by Application (2026-2031) & (Million Pcs)

Table 267. Middle East & Africa Power Semiconductor Discrete Devices Sales Quantity by Country (2020-2025) & (Million Pcs)

Table 268. Middle East & Africa Power Semiconductor Discrete Devices Sales Quantity by Country (2026-2031) & (Million Pcs)

Table 269. Middle East & Africa Power Semiconductor Discrete Devices Consumption Value by Country (2020-2025) & (USD Million)

Table 270. Middle East & Africa Power Semiconductor Discrete Devices Consumption Value by Country (2026-2031) & (USD Million)

Table 271. Power Semiconductor Discrete Devices Raw Material

Table 272. Key Manufacturers of Power Semiconductor Discrete Devices Raw Materials

Table 273. Power Semiconductor Discrete Devices Typical Distributors

Table 274. Power Semiconductor Discrete Devices Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Power Semiconductor Discrete Devices Picture
- Figure 2. Global Power Semiconductor Discrete Devices Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Power Semiconductor Discrete Devices Revenue Market Share by Type in 2024
- Figure 4. Diode Examples
- Figure 5. IGBT Examples
- Figure 6. MOSFET Examples
- Figure 7. Bipolar Transistor (BJT) Examples
- Figure 8. Thyristor Examples
- Figure 9. Global Power Semiconductor Discrete Devices Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 10. Global Power Semiconductor Discrete Devices Revenue Market Share by Application in 2024
- Figure 11. Automotive Examples
- Figure 12. Industrial Control Examples
- Figure 13. Consumer Electronics Examples
- Figure 14. Communication Examples
- Figure 15. Others Examples
- Figure 16. Global Power Semiconductor Discrete Devices Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 17. Global Power Semiconductor Discrete Devices Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 18. Global Power Semiconductor Discrete Devices Sales Quantity (2020-2031) & (Million Pcs)
- Figure 19. Global Power Semiconductor Discrete Devices Price (2020-2031) & (US\$/Pcs)
- Figure 20. Global Power Semiconductor Discrete Devices Sales Quantity Market Share by Manufacturer in 2024
- Figure 21. Global Power Semiconductor Discrete Devices Revenue Market Share by Manufacturer in 2024
- Figure 22. Producer Shipments of Power Semiconductor Discrete Devices by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 23. Top 3 Power Semiconductor Discrete Devices Manufacturer (Revenue) Market Share in 2024

Figure 24. Top 6 Power Semiconductor Discrete Devices Manufacturer (Revenue) Market Share in 2024

Figure 25. Global Power Semiconductor Discrete Devices Sales Quantity Market Share by Region (2020-2031)

Figure 26. Global Power Semiconductor Discrete Devices Consumption Value Market Share by Region (2020-2031)

Figure 27. North America Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 28. Europe Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 29. Asia-Pacific Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 30. South America Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 31. Middle East & Africa Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 32. Global Power Semiconductor Discrete Devices Sales Quantity Market Share by Type (2020-2031)

Figure 33. Global Power Semiconductor Discrete Devices Consumption Value Market Share by Type (2020-2031)

Figure 34. Global Power Semiconductor Discrete Devices Average Price by Type (2020-2031) & (US\$/Pcs)

Figure 35. Global Power Semiconductor Discrete Devices Sales Quantity Market Share by Application (2020-2031)

Figure 36. Global Power Semiconductor Discrete Devices Revenue Market Share by Application (2020-2031)

Figure 37. Global Power Semiconductor Discrete Devices Average Price by Application (2020-2031) & (US\$/Pcs)

Figure 38. North America Power Semiconductor Discrete Devices Sales Quantity Market Share by Type (2020-2031)

Figure 39. North America Power Semiconductor Discrete Devices Sales Quantity Market Share by Application (2020-2031)

Figure 40. North America Power Semiconductor Discrete Devices Sales Quantity Market Share by Country (2020-2031)

Figure 41. North America Power Semiconductor Discrete Devices Consumption Value Market Share by Country (2020-2031)

Figure 42. United States Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 43. Canada Power Semiconductor Discrete Devices Consumption Value

(2020-2031) & (USD Million)

Figure 44. Mexico Power Semiconductor Discrete Devices Consumption Value

(2020-2031) & (USD Million)

Figure 45. Europe Power Semiconductor Discrete Devices Sales Quantity Market Share by Type (2020-2031)

Figure 46. Europe Power Semiconductor Discrete Devices Sales Quantity Market Share by Application (2020-2031)

Figure 47. Europe Power Semiconductor Discrete Devices Sales Quantity Market Share by Country (2020-2031)

Figure 48. Europe Power Semiconductor Discrete Devices Consumption Value Market Share by Country (2020-2031)

Figure 49. Germany Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 50. France Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 51. United Kingdom Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 52. Russia Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 53. Italy Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 54. Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity Market Share by Type (2020-2031)

Figure 55. Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity Market Share by Application (2020-2031)

Figure 56. Asia-Pacific Power Semiconductor Discrete Devices Sales Quantity Market Share by Region (2020-2031)

Figure 57. Asia-Pacific Power Semiconductor Discrete Devices Consumption Value Market Share by Region (2020-2031)

Figure 58. China Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 59. Japan Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 60. South Korea Power Semiconductor Discrete Devices Consumption Value (2020-2031) & (USD Million)

Figure 61. India Power Semiconductor Discrete Devices Consum

I would like to order

Product name: Global Power Semiconductor Discrete Devices Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/P5413C50FF28EN.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/P5413C50FF28EN.html>