

# Global Power Semiconductor Market Research Report 2020 (Covid-19 Version)

https://marketpublishers.com/r/G5BD6EF833A1EN.html

Date: May 2020 Pages: 170 Price: US\$ 3,500.00 (Single User License) ID: G5BD6EF833A1EN

# Abstracts

#### SUMMARY

Power semiconductor devices are semiconductor devices used as switches or rectifiers in power electronic circuits (switch mode power supplies for example). They are also called power devices or when used in integrated circuits, called power ICs.

Market Segment as follows:

By Region

Asia-Pacific

North America

Europe

South America

Middle East & Africa

Ву Туре

Thyristor/Diode

MOSFET



IGBT

SiC

GaN

Others

By Application

Tele/Data Communication

**Computer Systems** 

Industrial

Office Equipment

Transportation

Medical

Energy & Power

By Company

ABB

Broadcom limited

Fairchild Semiconductor

Fuji Electric

Hitachi



Infineon

Mitsubishi Electric

NXP semiconductor

Qualcomm

Renesas Electronics

Semikron

**ST** Microelectronics

Texas instruments

Toshiba

The main contents of the report including:

Section 1:

Product definition, type and application, global and regional market overview;

Section 2:

Global and regional Market competition by company;

Section 3:

Global and regional sales revenue, volume and price by type;

Section 4:

Global and regional sales revenue, volume and price by application;

Section 5:

Regional export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;

Section 9:

Conclusion.



# Contents

# **1 MARKET OVERVIEW**

- 1.1 Market Segment Overview
- 1.1.1 Product Definition
- 1.1.2 Market by Type
  - 1.1.2.1 Thyristor/Diode

Figure Thyristor/Diode Market Size and CAGR 2015-2020 (Million USD)

- Figure Thyristor/Diode Market Forecast and CAGR 2020-2025 (Million USD)
  - 1.1.2.2 MOSFET
- Figure MOSFET Market Size and CAGR 2015-2020 (Million USD)
- Figure MOSFET Market Forecast and CAGR 2020-2025 (Million USD)
  - 1.1.2.3 IGBT
- Figure IGBT Market Size and CAGR 2015-2020 (Million USD)
- Figure IGBT Market Forecast and CAGR 2020-2025 (Million USD)
  - 1.1.2.4 SiC
- Figure SiC Market Size and CAGR 2015-2020 (Million USD)
- Figure SiC Market Forecast and CAGR 2020-2025 (Million USD)
  - 1.1.2.5 GaN
- Figure GaN Market Size and CAGR 2015-2020 (Million USD)
- Figure GaN Market Forecast and CAGR 2020-2025 (Million USD)
  - 1.1.2.6 Others
- Figure Others Market Size and CAGR 2015-2020 (Million USD)
- Figure Others Market Forecast and CAGR 2020-2025 (Million USD)
  - 1.1.3 Market by Application
  - 1.1.3.1 Tele/Data Communication

Figure Tele/Data Communication Market Size and CAGR 2015-2020 (Million USD) Figure Tele/Data Communication Market Forecast and CAGR 2020-2025 (Million USD)

- 1.1.3.2 Computer Systems
- Figure Computer Systems Market Size and CAGR 2015-2020 (Million USD)
- Figure Computer Systems Market Forecast and CAGR 2020-2025 (Million USD)
  - 1.1.3.3 Industrial
- Figure Industrial Market Size and CAGR 2015-2020 (Million USD)
- Figure Industrial Market Forecast and CAGR 2020-2025 (Million USD)
  - 1.1.3.4 Office Equipment
- Figure Office Equipment Market Size and CAGR 2015-2020 (Million USD)
- Figure Office Equipment Market Forecast and CAGR 2020-2025 (Million USD)
  - 1.1.3.5 Transportation



Figure Transportation Market Size and CAGR 2015-2020 (Million USD)

Figure Transportation Market Forecast and CAGR 2020-2025 (Million USD)

1.1.3.6 Medical

Figure Medical Market Size and CAGR 2015-2020 (Million USD)

Figure Medical Market Forecast and CAGR 2020-2025 (Million USD)

1.1.3.7 Energy & Power

Figure Energy & Power Market Size and CAGR 2015-2020 (Million USD)

Figure Energy & Power Market Forecast and CAGR 2020-2025 (Million USD)

1.2 Global and Regional Market Size

1.2.1 Global Overview

Figure Global Power Semiconductor Market Size and CAGR 2015-2020 (Million USD) Figure Global Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD)

1.2.2 Market by Region

1.2.2.1 Asia-Pacific

Figure Asia-Pacific Power Semiconductor Market Size and CAGR 2015-2020 (Million USD)

Figure Asia-Pacific Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD)

1.2.2.2 North America

Figure North America Power Semiconductor Market Size and CAGR 2015-2020 (Million USD)

Figure North America Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD)

1.2.2.3 Europe

Figure Europe Power Semiconductor Market Size and CAGR 2015-2020 (Million USD) Figure Europe Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD)

1.2.2.4 South America

Figure South America Power Semiconductor Market Size and CAGR 2015-2020 (Million USD)

Figure South America Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD)

1.2.2.5 Middle East & Africa

Figure Middle East & Africa Power Semiconductor Market Size and CAGR 2015-2020 (Million USD)

Figure Middle East & Africa Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD)



# 2 GLOBAL AND REGIONAL MARKET BY COMPANY

#### 2.1 Global

2.1.1 Global Sales by Company Table Global Market Sales Revenue by Company 2015-2020 Table Global Market Sales Revenue Share by Company 2015-2020 Figure Global Market Sales Revenue Share by Company in 2020 2.1.2 Global Price by Company 2.2 Asia-Pacific 2.2.1 Asia-Pacific Sales by Company Table Asia-Pacific Market Sales Revenue by Company 2015-2020 Table Asia-Pacific Market Sales Revenue Share by Company 2015-2020 Figure Asia-Pacific Market Sales Revenue Share by Company in 2020 2.2.2 Asia-Pacific Price by Company 2.3 North America 2.3.1 North America Sales by Company Table North America Market Sales Revenue by Company 2015-2020 Table North America Market Sales Revenue Share by Company 2015-2020 Figure North America Market Sales Revenue Share by Company in 2020 2.3.2 North America Price by Company 2.4 Europe 2.4.1 Europe Market Sales by Company Table Europe Market Sales Revenue by Company 2015-2020 Table Europe Market Sales Revenue Share by Company 2015-2020 Figure Europe Market Sales Revenue Share by Company in 2020 2.4.2 Europe Price by Company 2.5 South America 2.5.1 South America Sales by Company Table South America Market Sales Revenue by Company 2015-2020 Table South America Market Sales Revenue Share by Company 2015-2020 Figure South America Market Sales Revenue Share by Company in 2020 2.5.2 South America Price by Company 2.6 Middle East & Africa 2.6.1 Middle East & Africa Sales by Company Table Middle East & Africa Market Sales Revenue by Company 2015-2020 Table Middle East & Africa Market Sales Revenue Share by Company 2015-2020 Figure Middle East & Africa Market Sales Revenue Share by Company in 2020

2.6.2 Middle East & Africa Price by Company



# **3 GLOBAL AND REGIONAL MARKET BY TYPE**

3.1 Global

3.1.1 Global Sales by Type Table Global Market Sales Revenue by Type 2015-2020 Table Global Market Sales Revenue Share by Type 2015-2020 Figure Global Market Sales Revenue Share by Type in 2020 3.1.2 Global Price by Type 3.2 Asia-Pacific 3.2.1 Asia-Pacific Sales by Type Table Asia-Pacific Market Sales Revenue by Type 2015-2020 Table Asia-Pacific Market Sales Revenue Share by Type 2015-2020 Figure Asia-Pacific Market Sales Revenue Share by Type in 2020 3.2.2 Asia-Pacific Price by Type 3.3 North America 3.3.1 North America Sales by Type Table North America Market Sales Revenue by Type 2015-2020 Table North America Market Sales Revenue Share by Type 2015-2020 Figure North America Market Sales Revenue Share by Type in 2020 3.3.2 North America Price by Type 3.4 Europe 3.4.1 Europe Market Sales by Type Table Europe Market Sales Revenue by Type 2015-2020 Table Europe Market Sales Revenue Share by Type 2015-2020 Figure Europe Market Sales Revenue Share by Type in 2020 3.4.2 Europe Price by Type 3.5 South America 3.5.1 South America Sales by Type Table South America Market Sales Revenue by Type 2015-2020 Table South America Market Sales Revenue Share by Type 2015-2020 Figure South America Market Sales Revenue Share by Type in 2020 3.5.2 South America Price by Type 3.6 Middle East & Africa 3.6.1 Middle East & Africa Sales by Type Table Middle East & Africa Market Sales Revenue by Type 2015-2020 Table Middle East & Africa Market Sales Revenue Share by Type 2015-2020 Figure Middle East & Africa Market Sales Revenue Share by Type in 2020 3.6.2 Middle East & Africa Price by Type



# **4 GLOBAL AND REGIONAL MARKET BY APPLICATION**

4.1 Global

4.1.1 Global Sales by Application

 Table Global Market Sales Revenue by Application 2015-2020

Table Global Market Sales Revenue Share by Application 2015-2020

Figure Global Market Sales Revenue Share by Application in 2020

4.1.2 Global Price by Application

4.2 Asia-Pacific

4.2.1 Asia-Pacific Sales by Application

 Table Asia-Pacific Market Sales Revenue by Application 2015-2020

Table Asia-Pacific Market Sales Revenue Share by Application 2015-2020

Figure Asia-Pacific Market Sales Revenue Share by Application in 2020

4.2.2 Asia-Pacific Price by Application

4.3 North America

4.3.1 North America Sales by Application

Table North America Market Sales Revenue by Application 2015-2020

Table North America Market Sales Revenue Share by Application 2015-2020

Figure North America Market Sales Revenue Share by Application in 2020

4.3.2 North America Price by Application

4.4 Europe

4.4.1 Europe Market Sales by Application

Table Europe Market Sales Revenue by Application 2015-2020

Table Europe Market Sales Revenue Share by Application 2015-2020

Figure Europe Market Sales Revenue Share by Application in 2020

4.4.2 Europe Price by Application

4.5 South America

4.5.1 South America Sales by Application

Table South America Market Sales Revenue by Application 2015-2020

Table South America Market Sales Revenue Share by Application 2015-2020

Figure South America Market Sales Revenue Share by Application in 2020

4.5.2 South America Price by Application

4.6 Middle East & Africa

4.6.1 Middle East & Africa Sales by Application

 Table Middle East & Africa Market Sales Revenue by Application 2015-2020

Table Middle East & Africa Market Sales Revenue Share by Application 2015-2020

Figure Middle East & Africa Market Sales Revenue Share by Application in 2020

4.6.2 Middle East & Africa Price by Application



# **5 REGIONAL TRADE**

5.1 Export

Table Regional Export 2015-2020 (Million USD) 5.2 Import Table Regional Import 2015-2020 (Million USD)

# **6 KEY MANUFACTURERS**

6.1 ABB

6.1.1 Company Information

- 6.1.2 Products Overview
- 6.1.3 Business Data (Sales Revenue, Cost and Margin)

Table Sales Revenue, Cost and Margin of ABB

6.2 Broadcom limited (Company Information, Products Overview & Business Data)

6.3 Fairchild Semiconductor (Company Information, Products Overview & Business Data)

- 6.4 Fuji Electric (Company Information, Products Overview & Business Data)
- 6.5 Hitachi (Company Information, Products Overview & Business Data)
- 6.6 Infineon (Company Information, Products Overview & Business Data)
- 6.7 Mitsubishi Electric (Company Information, Products Overview & Business Data)
- 6.8 NXP semiconductor (Company Information, Products Overview & Business Data)
- 6.9 Qualcomm (Company Information, Products Overview & Business Data)
- 6.10 Renesas Electronics (Company Information, Products Overview & Business Data)
- 6.11 Semikron (Company Information, Products Overview & Business Data)
- 6.12 ST Microelectronics (Company Information, Products Overview & Business Data)
- 6.13 Texas instruments (Company Information, Products Overview & Business Data)
- 6.14 Toshiba (Company Information, Products Overview & Business Data)

# 7 INDUSTRY UPSTREAM

7.1 Industry ChainFigure Industry Chain Overview7.2 Raw MaterialsFigure Power Semiconductor SWOT List

# **8 MARKET ENVIRONMENT**

# 8.1 SWOT

Global Power Semiconductor Market Research Report 2020 (Covid-19 Version)



#### 8.2 Porter's Five Forces

Figure Power Semiconductor Porter's Five Forces

- 8.3 Coronavirus Impact on the Industry
  - 8.3.1 Impact of Covid-19 on Production
  - 8.3.2 Impact of Covid-19 on Demand
  - 8.3.3 Impact of Covid-19 on Purchase & Use
  - 8.3.4 Impact of Covid-19 on Price
  - 8.3.5 Impact of Covid-19 on Others

#### 9 CONCLUSION



# **List Of Tables**

#### LIST OF TABLES

Table Global Market Sales Revenue by Company 2015-2020 Table Global Market Sales Revenue Share by Company 2015-2020 Table Asia-Pacific Market Sales Revenue by Company 2015-2020 Table Asia-Pacific Market Sales Revenue Share by Company 2015-2020 Table North America Market Sales Revenue by Company 2015-2020 Table North America Market Sales Revenue Share by Company 2015-2020 Table Europe Market Sales Revenue by Company 2015-2020 Table Europe Market Sales Revenue Share by Company 2015-2020 Table South America Market Sales Revenue by Company 2015-2020 Table South America Market Sales Revenue Share by Company 2015-2020 Table Middle East & Africa Market Sales Revenue by Company 2015-2020 Table Middle East & Africa Market Sales Revenue Share by Company 2015-2020 Table Global Market Sales Revenue by Type 2015-2020 Table Global Market Sales Revenue Share by Type 2015-2020 Table Asia-Pacific Market Sales Revenue by Type 2015-2020 Table Asia-Pacific Market Sales Revenue Share by Type 2015-2020 Table North America Market Sales Revenue by Type 2015-2020 Table North America Market Sales Revenue Share by Type 2015-2020 Table Europe Market Sales Revenue by Type 2015-2020 Table Europe Market Sales Revenue Share by Type 2015-2020 Table South America Market Sales Revenue by Type 2015-2020 Table South America Market Sales Revenue Share by Type 2015-2020 Table Middle East & Africa Market Sales Revenue by Type 2015-2020 Table Middle East & Africa Market Sales Revenue Share by Type 2015-2020 Table Global Market Sales Revenue by Application 2015-2020 Table Global Market Sales Revenue Share by Application 2015-2020 Table Asia-Pacific Market Sales Revenue by Application 2015-2020 Table Asia-Pacific Market Sales Revenue Share by Application 2015-2020 Table North America Market Sales Revenue by Application 2015-2020 Table North America Market Sales Revenue Share by Application 2015-2020 Table Europe Market Sales Revenue by Application 2015-2020 Table Europe Market Sales Revenue Share by Application 2015-2020 Table South America Market Sales Revenue by Application 2015-2020 Table South America Market Sales Revenue Share by Application 2015-2020 Table Middle East & Africa Market Sales Revenue by Application 2015-2020



Table Middle East & Africa Market Sales Revenue Share by Application 2015-2020 Table Regional Export 2015-2020 (Million USD) Table Regional Import 2015-2020 (Million USD) Table Sales Revenue, Cost and Margin of ABB



# **List Of Figures**

# **LIST OF FIGURES**

Figure Thyristor/Diode Market Size and CAGR 2015-2020 (Million USD) Figure Thyristor/Diode Market Forecast and CAGR 2020-2025 (Million USD) Figure MOSFET Market Size and CAGR 2015-2020 (Million USD) Figure MOSFET Market Forecast and CAGR 2020-2025 (Million USD) Figure IGBT Market Size and CAGR 2015-2020 (Million USD) Figure IGBT Market Forecast and CAGR 2020-2025 (Million USD) Figure SiC Market Size and CAGR 2015-2020 (Million USD) Figure SiC Market Forecast and CAGR 2020-2025 (Million USD) Figure GaN Market Size and CAGR 2015-2020 (Million USD) Figure GaN Market Forecast and CAGR 2020-2025 (Million USD) Figure Others Market Size and CAGR 2015-2020 (Million USD) Figure Others Market Forecast and CAGR 2020-2025 (Million USD) Figure Tele/Data Communication Market Size and CAGR 2015-2020 (Million USD) Figure Tele/Data Communication Market Forecast and CAGR 2020-2025 (Million USD) Figure Computer Systems Market Size and CAGR 2015-2020 (Million USD) Figure Computer Systems Market Forecast and CAGR 2020-2025 (Million USD) Figure Industrial Market Size and CAGR 2015-2020 (Million USD) Figure Industrial Market Forecast and CAGR 2020-2025 (Million USD) Figure Office Equipment Market Size and CAGR 2015-2020 (Million USD) Figure Office Equipment Market Forecast and CAGR 2020-2025 (Million USD) Figure Transportation Market Size and CAGR 2015-2020 (Million USD) Figure Transportation Market Forecast and CAGR 2020-2025 (Million USD) Figure Medical Market Size and CAGR 2015-2020 (Million USD) Figure Medical Market Forecast and CAGR 2020-2025 (Million USD) Figure Energy & Power Market Size and CAGR 2015-2020 (Million USD) Figure Energy & Power Market Forecast and CAGR 2020-2025 (Million USD) Figure Global Power Semiconductor Market Size and CAGR 2015-2020 (Million USD) Figure Global Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD) Figure Asia-Pacific Power Semiconductor Market Size and CAGR 2015-2020 (Million

USD) Figure Asia-Pacific Power Semiconductor Market Forecast and CAGR 2020-2025

(Million USD)

Figure North America Power Semiconductor Market Size and CAGR 2015-2020 (Million USD)



Figure North America Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD)

Figure Europe Power Semiconductor Market Size and CAGR 2015-2020 (Million USD) Figure Europe Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD)

Figure South America Power Semiconductor Market Size and CAGR 2015-2020 (Million USD)

Figure South America Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD)

Figure Middle East & Africa Power Semiconductor Market Size and CAGR 2015-2020 (Million USD)

Figure Middle East & Africa Power Semiconductor Market Forecast and CAGR 2020-2025 (Million USD)

Figure Global Market Sales Revenue Share by Company in 2020

Figure Asia-Pacific Market Sales Revenue Share by Company in 2020

Figure North America Market Sales Revenue Share by Company in 2020

Figure Europe Market Sales Revenue Share by Company in 2020

Figure South America Market Sales Revenue Share by Company in 2020

Figure Middle East & Africa Market Sales Revenue Share by Company in 2020

Figure Global Market Sales Revenue Share by Type in 2020

Figure Asia-Pacific Market Sales Revenue Share by Type in 2020

Figure North America Market Sales Revenue Share by Type in 2020

Figure Europe Market Sales Revenue Share by Type in 2020

Figure South America Market Sales Revenue Share by Type in 2020

Figure Middle East & Africa Market Sales Revenue Share by Type in 2020

Figure Global Market Sales Revenue Share by Application in 2020

Figure Asia-Pacific Market Sales Revenue Share by Application in 2020

Figure North America Market Sales Revenue Share by Application in 2020

Figure Europe Market Sales Revenue Share by Application in 2020

Figure South America Market Sales Revenue Share by Application in 2020

Figure Middle East & Africa Market Sales Revenue Share by Application in 2020

Figure Industry Chain Overview

Figure Power Semiconductor SWOT List

Figure Power Semiconductor Porter's Five Forces



# I would like to order

Product name: Global Power Semiconductor Market Research Report 2020 (Covid-19 Version) Product link: <u>https://marketpublishers.com/r/G5BD6EF833A1EN.html</u>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G5BD6EF833A1EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970