

Covid-19 Impact on Global IGBT and MOSFET Gate Driver Photocoupler Market Insights, Forecast to 2026

<https://marketpublishers.com/r/C2F06FA3706EEN.html>

Date: June 2020

Pages: 113

Price: US\$ 4,900.00 (Single User License)

ID: C2F06FA3706EEN

Abstracts

IGBT and MOSFET gate driver photocouplers are a semiconductor device that provides a way to rapidly switch the input signal of high power IGBTs and MOSFETs while providing for high electrical isolation. Isolation is important because it blocks potential high voltages, isolates the ground and prevents noise currents from entering the low voltage control circuitry. Such signals can interfere with circuit operation and damage sensitive circuits. They are used in applications like motor control (where rapid switching can be used as a speed controller), Inverters and switched-mode power supplies. This may also be very important in meeting safety compliance regulations.

IGBT stands for insulated-gate bipolar transistor. MOSFET stands for metal oxide semiconductor field effect transistor. These are high-speed solid state switches not inside the device itself. They require extremely little current to turn them on relative to the current being switched. Because of the high currents these devices can switch (even hundreds of Amps), the switching currents required to switch the device on and off can still be quite high. The IGBT or MOSFETs gate input capacitance is in part created by an effect caused by negative feedback of the amplifier referred to as the Miller Effect or reverse transfer capacitance. This effect increases the capacitance roughly in proportion to the gain of the switch. The driver circuit needs to be capable of driving this load, being able to rapidly switch the voltage levels on the gate of the power IGBT or MOSFET to turn the device on and off. Time in the transition between on and off levels leads to power being dissipated in the IGBT or MOSFET, lowers efficiency or possibly even damages the device.

The device has a low voltage input that can turn the internal photodiode on or off. This usually requires a voltage transition across the LEDs forward voltage typically around 1-1.4 Volts and current of around 10mA. A beam of light from the LED crosses an electrically insulating barrier and is sensed by a photo detector. This signal is used to turn the IGBT or MOSFET Driver in the device on and off. The driver must be able to

provide an extremely fast transition on either switching transition to maintain the efficiency of the external IGBT or MOSFET switch. This means the driver must be able to sink or source very large (even amps) of current during these edges to charge or discharge the input capacitance quickly.

The driver circuitry may have integrated fault detection circuitry to tell if the switch is being unduly stressed by the load, or some failure condition has occurred. These signals can be sent by some devices back across the photodiode isolated barrier to the low voltage side so that it can be detected by the isolated control circuitry.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and will significantly affect the IGBT and MOSFET Gate Driver Photocoupler market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.

This report also analyses the impact of Coronavirus COVID-19 on the IGBT and MOSFET Gate Driver Photocoupler industry.

Based on our recent survey, we have several different scenarios about the IGBT and MOSFET Gate Driver Photocoupler YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ xx million in 2019. The market size of IGBT and MOSFET Gate Driver Photocoupler will reach xx in 2026, with a CAGR of xx% from 2020 to 2026.

With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global IGBT and MOSFET Gate Driver Photocoupler market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global IGBT and MOSFET Gate Driver Photocoupler market in terms of both revenue and volume.

Players, stakeholders, and other participants in the global IGBT and MOSFET Gate Driver Photocoupler market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period

2015-2026.

Production and Pricing Analyses

Readers are provided with deeper production analysis, import and export analysis, and pricing analysis for the global IGBT and MOSFET Gate Driver Photocoupler market. As part of production analysis, the report offers accurate statistics and figures for production capacity, production volume by region, and global production and production by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for price by manufacturer and price by region for the period 2015-2020 and price by each type segment for the period 2015-2026. The import and export analysis for the global IGBT and MOSFET Gate Driver Photocoupler market has been provided based on region.

Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global IGBT and MOSFET Gate Driver Photocoupler market, covering important regions, viz, North America, Europe, China, Japan and South Korea. It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, U.A.E, etc.

The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by each application segment in terms of volume for the period 2015-2026.

Competition Analysis

In the competitive analysis section of the report, leading as well as prominent players of the global IGBT and MOSFET Gate Driver Photocoupler market are broadly studied on the basis of key factors. The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on price and revenue (global level) by player for the period 2015-2020.

On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global IGBT and MOSFET Gate Driver Photocoupler market. All of the findings, data, and information provided in the report are validated and revalidated with the help of

trustworthy sources. The analysts who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global IGBT and MOSFET Gate Driver Photocoupler market.

The following manufacturers are covered in this report:

California Eastern Laboratories

Evertight Electronics

Isocom Components

IXYS

Lite-On Technology

ON Semiconductor

Renesas

Sharp

Silicon Labs

Toshiba Memory

Vishay

IGBT and MOSFET Gate Driver Photocoupler Breakdown Data by Type

600V

1000V

1500V

2000V

Others

IGBT and MOSFET Gate Driver Photocoupler Breakdown Data by Application

Motor Control

Inverters

Switched-Mode Power

Others

Contents

1 STUDY COVERAGE

1.1 IGBT and MOSFET Gate Driver Photocoupler Product Introduction

1.2 Key Market Segments in This Study

1.3 Key Manufacturers Covered: Ranking of Global Top IGBT and MOSFET Gate Driver Photocoupler Manufacturers by Revenue in 2019

1.4 Market by Type

1.4.1 Global IGBT and MOSFET Gate Driver Photocoupler Market Size Growth Rate by Type

1.4.2 600V

1.4.3 1000V

1.4.4 1500V

1.4.5 2000V

1.4.6 Others

1.5 Market by Application

1.5.1 Global IGBT and MOSFET Gate Driver Photocoupler Market Size Growth Rate by Application

1.5.2 Motor Control

1.5.3 Inverters

1.5.4 Switched-Mode Power

1.5.5 Others

1.6 Coronavirus Disease 2019 (Covid-19): IGBT and MOSFET Gate Driver Photocoupler Industry Impact

1.6.1 How the Covid-19 is Affecting the IGBT and MOSFET Gate Driver Photocoupler Industry

1.6.1.1 IGBT and MOSFET Gate Driver Photocoupler Business Impact Assessment - Covid-19

1.6.1.2 Supply Chain Challenges

1.6.1.3 COVID-19's Impact On Crude Oil and Refined Products

1.6.2 Market Trends and IGBT and MOSFET Gate Driver Photocoupler Potential Opportunities in the COVID-19 Landscape

1.6.3 Measures / Proposal against Covid-19

1.6.3.1 Government Measures to Combat Covid-19 Impact

1.6.3.2 Proposal for IGBT and MOSFET Gate Driver Photocoupler Players to Combat Covid-19 Impact

1.7 Study Objectives

1.8 Years Considered

2 EXECUTIVE SUMMARY

2.1 Global IGBT and MOSFET Gate Driver Photocoupler Market Size Estimates and Forecasts

2.1.1 Global IGBT and MOSFET Gate Driver Photocoupler Revenue Estimates and Forecasts 2015-2026

2.1.2 Global IGBT and MOSFET Gate Driver Photocoupler Production Capacity Estimates and Forecasts 2015-2026

2.1.3 Global IGBT and MOSFET Gate Driver Photocoupler Production Estimates and Forecasts 2015-2026

2.2 Global IGBT and MOSFET Gate Driver Photocoupler Market Size by Producing Regions: 2015 VS 2020 VS 2026

2.3 Analysis of Competitive Landscape

2.3.1 Manufacturers Market Concentration Ratio (CR5 and HHI)

2.3.2 Global IGBT and MOSFET Gate Driver Photocoupler Market Share by Company Type (Tier 1, Tier 2 and Tier 3)

2.3.3 Global IGBT and MOSFET Gate Driver Photocoupler Manufacturers Geographical Distribution

2.4 Key Trends for IGBT and MOSFET Gate Driver Photocoupler Markets & Products

2.5 Primary Interviews with Key IGBT and MOSFET Gate Driver Photocoupler Players (Opinion Leaders)

3 MARKET SIZE BY MANUFACTURERS

3.1 Global Top IGBT and MOSFET Gate Driver Photocoupler Manufacturers by Production Capacity

3.1.1 Global Top IGBT and MOSFET Gate Driver Photocoupler Manufacturers by Production Capacity (2015-2020)

3.1.2 Global Top IGBT and MOSFET Gate Driver Photocoupler Manufacturers by Production (2015-2020)

3.1.3 Global Top IGBT and MOSFET Gate Driver Photocoupler Manufacturers Market Share by Production

3.2 Global Top IGBT and MOSFET Gate Driver Photocoupler Manufacturers by Revenue

3.2.1 Global Top IGBT and MOSFET Gate Driver Photocoupler Manufacturers by Revenue (2015-2020)

3.2.2 Global Top IGBT and MOSFET Gate Driver Photocoupler Manufacturers Market Share by Revenue (2015-2020)

3.2.3 Global Top 10 and Top 5 Companies by IGBT and MOSFET Gate Driver Photocoupler Revenue in 2019

3.3 Global IGBT and MOSFET Gate Driver Photocoupler Price by Manufacturers

3.4 Mergers & Acquisitions, Expansion Plans

4 IGBT AND MOSFET GATE DRIVER PHOTOCOUPLER PRODUCTION BY REGIONS

4.1 Global IGBT and MOSFET Gate Driver Photocoupler Historic Market Facts & Figures by Regions

4.1.1 Global Top IGBT and MOSFET Gate Driver Photocoupler Regions by Production (2015-2020)

4.1.2 Global Top IGBT and MOSFET Gate Driver Photocoupler Regions by Revenue (2015-2020)

4.2 North America

4.2.1 North America IGBT and MOSFET Gate Driver Photocoupler Production (2015-2020)

4.2.2 North America IGBT and MOSFET Gate Driver Photocoupler Revenue (2015-2020)

4.2.3 Key Players in North America

4.2.4 North America IGBT and MOSFET Gate Driver Photocoupler Import & Export (2015-2020)

4.3 Europe

4.3.1 Europe IGBT and MOSFET Gate Driver Photocoupler Production (2015-2020)

4.3.2 Europe IGBT and MOSFET Gate Driver Photocoupler Revenue (2015-2020)

4.3.3 Key Players in Europe

4.3.4 Europe IGBT and MOSFET Gate Driver Photocoupler Import & Export (2015-2020)

4.4 China

4.4.1 China IGBT and MOSFET Gate Driver Photocoupler Production (2015-2020)

4.4.2 China IGBT and MOSFET Gate Driver Photocoupler Revenue (2015-2020)

4.4.3 Key Players in China

4.4.4 China IGBT and MOSFET Gate Driver Photocoupler Import & Export (2015-2020)

4.5 Japan

4.5.1 Japan IGBT and MOSFET Gate Driver Photocoupler Production (2015-2020)

4.5.2 Japan IGBT and MOSFET Gate Driver Photocoupler Revenue (2015-2020)

4.5.3 Key Players in Japan

4.5.4 Japan IGBT and MOSFET Gate Driver Photocoupler Import & Export

(2015-2020)

4.6 South Korea

4.6.1 South Korea IGBT and MOSFET Gate Driver Photocoupler Production

(2015-2020)

4.6.2 South Korea IGBT and MOSFET Gate Driver Photocoupler Revenue

(2015-2020)

4.6.3 Key Players in South Korea

4.6.4 South Korea IGBT and MOSFET Gate Driver Photocoupler Import & Export

(2015-2020)

5 IGBT AND MOSFET GATE DRIVER PHOTOCOUPLER CONSUMPTION BY REGION

5.1 Global Top IGBT and MOSFET Gate Driver Photocoupler Regions by Consumption

5.1.1 Global Top IGBT and MOSFET Gate Driver Photocoupler Regions by Consumption (2015-2020)

5.1.2 Global Top IGBT and MOSFET Gate Driver Photocoupler Regions Market Share by Consumption (2015-2020)

5.2 North America

5.2.1 North America IGBT and MOSFET Gate Driver Photocoupler Consumption by Application

5.2.2 North America IGBT and MOSFET Gate Driver Photocoupler Consumption by Countries

5.2.3 U.S.

5.2.4 Canada

5.3 Europe

5.3.1 Europe IGBT and MOSFET Gate Driver Photocoupler Consumption by Application

5.3.2 Europe IGBT and MOSFET Gate Driver Photocoupler Consumption by Countries

5.3.3 Germany

5.3.4 France

5.3.5 U.K.

5.3.6 Italy

5.3.7 Russia

5.4 Asia Pacific

5.4.1 Asia Pacific IGBT and MOSFET Gate Driver Photocoupler Consumption by Application

5.4.2 Asia Pacific IGBT and MOSFET Gate Driver Photocoupler Consumption by Regions

5.4.3 China

5.4.4 Japan

5.4.5 South Korea

5.4.6 India

5.4.7 Australia

5.4.8 Taiwan

5.4.9 Indonesia

5.4.10 Thailand

5.4.11 Malaysia

5.4.12 Philippines

5.4.13 Vietnam

5.5 Central & South America

5.5.1 Central & South America IGBT and MOSFET Gate Driver Photocoupler Consumption by Application

5.5.2 Central & South America IGBT and MOSFET Gate Driver Photocoupler Consumption by Country

5.5.3 Mexico

5.5.3 Brazil

5.5.3 Argentina

5.6 Middle East and Africa

5.6.1 Middle East and Africa IGBT and MOSFET Gate Driver Photocoupler Consumption by Application

5.6.2 Middle East and Africa IGBT and MOSFET Gate Driver Photocoupler Consumption by Countries

5.6.3 Turkey

5.6.4 Saudi Arabia

5.6.5 U.A.E

6 MARKET SIZE BY TYPE (2015-2026)

6.1 Global IGBT and MOSFET Gate Driver Photocoupler Market Size by Type (2015-2020)

6.1.1 Global IGBT and MOSFET Gate Driver Photocoupler Production by Type (2015-2020)

6.1.2 Global IGBT and MOSFET Gate Driver Photocoupler Revenue by Type (2015-2020)

6.1.3 IGBT and MOSFET Gate Driver Photocoupler Price by Type (2015-2020)

6.2 Global IGBT and MOSFET Gate Driver Photocoupler Market Forecast by Type (2021-2026)

6.2.1 Global IGBT and MOSFET Gate Driver Photocoupler Production Forecast by Type (2021-2026)

6.2.2 Global IGBT and MOSFET Gate Driver Photocoupler Revenue Forecast by Type (2021-2026)

6.2.3 Global IGBT and MOSFET Gate Driver Photocoupler Price Forecast by Type (2021-2026)

6.3 Global IGBT and MOSFET Gate Driver Photocoupler Market Share by Price Tier (2015-2020): Low-End, Mid-Range and High-End

7 MARKET SIZE BY APPLICATION (2015-2026)

7.2.1 Global IGBT and MOSFET Gate Driver Photocoupler Consumption Historic Breakdown by Application (2015-2020)

7.2.2 Global IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Application (2021-2026)

8 CORPORATE PROFILES

8.1 California Eastern Laboratories

8.1.1 California Eastern Laboratories Corporation Information

8.1.2 California Eastern Laboratories Overview and Its Total Revenue

8.1.3 California Eastern Laboratories Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.1.4 California Eastern Laboratories Product Description

8.1.5 California Eastern Laboratories Recent Development

8.2 Evertight Electronics

8.2.1 Evertight Electronics Corporation Information

8.2.2 Evertight Electronics Overview and Its Total Revenue

8.2.3 Evertight Electronics Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.2.4 Evertight Electronics Product Description

8.2.5 Evertight Electronics Recent Development

8.3 Isocom Components

8.3.1 Isocom Components Corporation Information

8.3.2 Isocom Components Overview and Its Total Revenue

8.3.3 Isocom Components Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.3.4 Isocom Components Product Description

8.3.5 Isocom Components Recent Development

8.4 IXYS

8.4.1 IXYS Corporation Information

8.4.2 IXYS Overview and Its Total Revenue

8.4.3 IXYS Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.4.4 IXYS Product Description

8.4.5 IXYS Recent Development

8.5 Lite-On Technology

8.5.1 Lite-On Technology Corporation Information

8.5.2 Lite-On Technology Overview and Its Total Revenue

8.5.3 Lite-On Technology Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.5.4 Lite-On Technology Product Description

8.5.5 Lite-On Technology Recent Development

8.6 ON Semiconductor

8.6.1 ON Semiconductor Corporation Information

8.6.2 ON Semiconductor Overview and Its Total Revenue

8.6.3 ON Semiconductor Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.6.4 ON Semiconductor Product Description

8.6.5 ON Semiconductor Recent Development

8.7 Renesas

8.7.1 Renesas Corporation Information

8.7.2 Renesas Overview and Its Total Revenue

8.7.3 Renesas Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.7.4 Renesas Product Description

8.7.5 Renesas Recent Development

8.8 Sharp

8.8.1 Sharp Corporation Information

8.8.2 Sharp Overview and Its Total Revenue

8.8.3 Sharp Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.8.4 Sharp Product Description

8.8.5 Sharp Recent Development

8.9 Silicon Labs

8.9.1 Silicon Labs Corporation Information

8.9.2 Silicon Labs Overview and Its Total Revenue

8.9.3 Silicon Labs Production Capacity and Supply, Price, Revenue and Gross Margin

(2015-2020)

8.9.4 Silicon Labs Product Description

8.9.5 Silicon Labs Recent Development

8.10 Toshiba Memory

8.10.1 Toshiba Memory Corporation Information

8.10.2 Toshiba Memory Overview and Its Total Revenue

8.10.3 Toshiba Memory Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)

8.10.4 Toshiba Memory Product Description

8.10.5 Toshiba Memory Recent Development

8.11 Vishay

8.11.1 Vishay Corporation Information

8.11.2 Vishay Overview and Its Total Revenue

8.11.3 Vishay Production Capacity and Supply, Price, Revenue and Gross Margin

(2015-2020)

8.11.4 Vishay Product Description

8.11.5 Vishay Recent Development

9 PRODUCTION FORECASTS BY REGIONS

9.1 Global Top IGBT and MOSFET Gate Driver Photocoupler Regions Forecast by Revenue (2021-2026)

9.2 Global Top IGBT and MOSFET Gate Driver Photocoupler Regions Forecast by Production (2021-2026)

9.3 Key IGBT and MOSFET Gate Driver Photocoupler Production Regions Forecast

9.3.1 North America

9.3.2 Europe

9.3.3 China

9.3.4 Japan

9.3.5 South Korea

10 IGBT AND MOSFET GATE DRIVER PHOTOCOUPLER CONSUMPTION FORECAST BY REGION

10.1 Global IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Region (2021-2026)

10.2 North America IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Region (2021-2026)

10.3 Europe IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by

Region (2021-2026)

10.4 Asia Pacific IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Region (2021-2026)

10.5 Latin America IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Region (2021-2026)

10.6 Middle East and Africa IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Region (2021-2026)

11 VALUE CHAIN AND SALES CHANNELS ANALYSIS

11.1 Value Chain Analysis

11.2 Sales Channels Analysis

11.2.1 IGBT and MOSFET Gate Driver Photocoupler Sales Channels

11.2.2 IGBT and MOSFET Gate Driver Photocoupler Distributors

11.3 IGBT and MOSFET Gate Driver Photocoupler Customers

12 MARKET OPPORTUNITIES & CHALLENGES, RISKS AND INFLUENCES FACTORS ANALYSIS

12.1 Market Opportunities and Drivers

12.2 Market Challenges

12.3 Market Risks/Restraints

12.4 Porter's Five Forces Analysis

13 KEY FINDING IN THE GLOBAL IGBT AND MOSFET GATE DRIVER PHOTOCOUPLER STUDY

14 APPENDIX

14.1 Research Methodology

14.1.1 Methodology/Research Approach

14.1.2 Data Source

14.2 Author Details

14.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. IGBT and MOSFET Gate Driver Photocoupler Key Market Segments in This Study

Table 2. Ranking of Global Top IGBT and MOSFET Gate Driver Photocoupler Manufacturers by Revenue (US\$ Million) in 2019

Table 3. Global IGBT and MOSFET Gate Driver Photocoupler Market Size Growth Rate by Type 2020-2026 (K Units) (Million US\$)

Table 4. Major Manufacturers of 600V

Table 5. Major Manufacturers of 1000V

Table 6. Major Manufacturers of 1500V

Table 7. Major Manufacturers of 2000V

Table 8. Major Manufacturers of Others

Table 9. COVID-19 Impact Global Market: (Four IGBT and MOSFET Gate Driver Photocoupler Market Size Forecast Scenarios)

Table 10. Opportunities and Trends for IGBT and MOSFET Gate Driver Photocoupler Players in the COVID-19 Landscape

Table 11. Present Opportunities in China & Elsewhere Due to the Coronavirus Crisis

Table 12. Key Regions/Countries Measures against Covid-19 Impact

Table 13. Proposal for IGBT and MOSFET Gate Driver Photocoupler Players to Combat Covid-19 Impact

Table 14. Global IGBT and MOSFET Gate Driver Photocoupler Market Size Growth Rate by Application 2020-2026 (K Units)

Table 15. Global IGBT and MOSFET Gate Driver Photocoupler Market Size by Region in US\$ Million: 2015 VS 2020 VS 2026

Table 16. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 17. Global IGBT and MOSFET Gate Driver Photocoupler by Company Type (Tier 1, Tier 2 and Tier 3) (based on the Revenue in IGBT and MOSFET Gate Driver Photocoupler as of 2019)

Table 18. IGBT and MOSFET Gate Driver Photocoupler Manufacturing Base Distribution and Headquarters

Table 19. Manufacturers IGBT and MOSFET Gate Driver Photocoupler Product Offered

Table 20. Date of Manufacturers Enter into IGBT and MOSFET Gate Driver Photocoupler Market

Table 21. Key Trends for IGBT and MOSFET Gate Driver Photocoupler Markets & Products

Table 22. Main Points Interviewed from Key IGBT and MOSFET Gate Driver

Photocoupler Players

Table 23. Global IGBT and MOSFET Gate Driver Photocoupler Production Capacity by Manufacturers (2015-2020) (K Units)

Table 24. Global IGBT and MOSFET Gate Driver Photocoupler Production Share by Manufacturers (2015-2020)

Table 25. IGBT and MOSFET Gate Driver Photocoupler Revenue by Manufacturers (2015-2020) (Million US\$)

Table 26. IGBT and MOSFET Gate Driver Photocoupler Revenue Share by Manufacturers (2015-2020)

Table 27. IGBT and MOSFET Gate Driver Photocoupler Price by Manufacturers 2015-2020 (USD/Unit)

Table 28. Mergers & Acquisitions, Expansion Plans

Table 29. Global IGBT and MOSFET Gate Driver Photocoupler Production by Regions (2015-2020) (K Units)

Table 30. Global IGBT and MOSFET Gate Driver Photocoupler Production Market Share by Regions (2015-2020)

Table 31. Global IGBT and MOSFET Gate Driver Photocoupler Revenue by Regions (2015-2020) (US\$ Million)

Table 32. Global IGBT and MOSFET Gate Driver Photocoupler Revenue Market Share by Regions (2015-2020)

Table 33. Key IGBT and MOSFET Gate Driver Photocoupler Players in North America

Table 34. Import & Export of IGBT and MOSFET Gate Driver Photocoupler in North America (K Units)

Table 35. Key IGBT and MOSFET Gate Driver Photocoupler Players in Europe

Table 36. Import & Export of IGBT and MOSFET Gate Driver Photocoupler in Europe (K Units)

Table 37. Key IGBT and MOSFET Gate Driver Photocoupler Players in China

Table 38. Import & Export of IGBT and MOSFET Gate Driver Photocoupler in China (K Units)

Table 39. Key IGBT and MOSFET Gate Driver Photocoupler Players in Japan

Table 40. Import & Export of IGBT and MOSFET Gate Driver Photocoupler in Japan (K Units)

Table 41. Key IGBT and MOSFET Gate Driver Photocoupler Players in South Korea

Table 42. Import & Export of IGBT and MOSFET Gate Driver Photocoupler in South Korea (K Units)

Table 43. Global IGBT and MOSFET Gate Driver Photocoupler Consumption by Regions (2015-2020) (K Units)

Table 44. Global IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Regions (2015-2020)

Table 45. North America IGBT and MOSFET Gate Driver Photocoupler Consumption by Application (2015-2020) (K Units)

Table 46. North America IGBT and MOSFET Gate Driver Photocoupler Consumption by Countries (2015-2020) (K Units)

Table 47. Europe IGBT and MOSFET Gate Driver Photocoupler Consumption by Application (2015-2020) (K Units)

Table 48. Europe IGBT and MOSFET Gate Driver Photocoupler Consumption by Countries (2015-2020) (K Units)

Table 49. Asia Pacific IGBT and MOSFET Gate Driver Photocoupler Consumption by Application (2015-2020) (K Units)

Table 50. Asia Pacific IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Application (2015-2020) (K Units)

Table 51. Asia Pacific IGBT and MOSFET Gate Driver Photocoupler Consumption by Regions (2015-2020) (K Units)

Table 52. Latin America IGBT and MOSFET Gate Driver Photocoupler Consumption by Application (2015-2020) (K Units)

Table 53. Latin America IGBT and MOSFET Gate Driver Photocoupler Consumption by Countries (2015-2020) (K Units)

Table 54. Middle East and Africa IGBT and MOSFET Gate Driver Photocoupler Consumption by Application (2015-2020) (K Units)

Table 55. Middle East and Africa IGBT and MOSFET Gate Driver Photocoupler Consumption by Countries (2015-2020) (K Units)

Table 56. Global IGBT and MOSFET Gate Driver Photocoupler Production by Type (2015-2020) (K Units)

Table 57. Global IGBT and MOSFET Gate Driver Photocoupler Production Share by Type (2015-2020)

Table 58. Global IGBT and MOSFET Gate Driver Photocoupler Revenue by Type (2015-2020) (Million US\$)

Table 59. Global IGBT and MOSFET Gate Driver Photocoupler Revenue Share by Type (2015-2020)

Table 60. IGBT and MOSFET Gate Driver Photocoupler Price by Type 2015-2020 (USD/Unit)

Table 61. Global IGBT and MOSFET Gate Driver Photocoupler Consumption by Application (2015-2020) (K Units)

Table 62. Global IGBT and MOSFET Gate Driver Photocoupler Consumption by Application (2015-2020) (K Units)

Table 63. Global IGBT and MOSFET Gate Driver Photocoupler Consumption Share by Application (2015-2020)

Table 64. California Eastern Laboratories Corporation Information

- Table 65. California Eastern Laboratories Description and Major Businesses
- Table 66. California Eastern Laboratories IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 67. California Eastern Laboratories Product
- Table 68. California Eastern Laboratories Recent Development
- Table 69. Evertight Electronics Corporation Information
- Table 70. Evertight Electronics Description and Major Businesses
- Table 71. Evertight Electronics IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 72. Evertight Electronics Product
- Table 73. Evertight Electronics Recent Development
- Table 74. Isocom Components Corporation Information
- Table 75. Isocom Components Description and Major Businesses
- Table 76. Isocom Components IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 77. Isocom Components Product
- Table 78. Isocom Components Recent Development
- Table 79. IXYS Corporation Information
- Table 80. IXYS Description and Major Businesses
- Table 81. IXYS IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 82. IXYS Product
- Table 83. IXYS Recent Development
- Table 84. Lite-On Technology Corporation Information
- Table 85. Lite-On Technology Description and Major Businesses
- Table 86. Lite-On Technology IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 87. Lite-On Technology Product
- Table 88. Lite-On Technology Recent Development
- Table 89. ON Semiconductor Corporation Information
- Table 90. ON Semiconductor Description and Major Businesses
- Table 91. ON Semiconductor IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 92. ON Semiconductor Product
- Table 93. ON Semiconductor Recent Development
- Table 94. Renesas Corporation Information

- Table 95. Renesas Description and Major Businesses
- Table 96. Renesas IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 97. Renesas Product
- Table 98. Renesas Recent Development
- Table 99. Sharp Corporation Information
- Table 100. Sharp Description and Major Businesses
- Table 101. Sharp IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 102. Sharp Product
- Table 103. Sharp Recent Development
- Table 104. Silicon Labs Corporation Information
- Table 105. Silicon Labs Description and Major Businesses
- Table 106. Silicon Labs IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 107. Silicon Labs Product
- Table 108. Silicon Labs Recent Development
- Table 109. Toshiba Memory Corporation Information
- Table 110. Toshiba Memory Description and Major Businesses
- Table 111. Toshiba Memory IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 112. Toshiba Memory Product
- Table 113. Toshiba Memory Recent Development
- Table 114. Vishay Corporation Information
- Table 115. Vishay Description and Major Businesses
- Table 116. Vishay IGBT and MOSFET Gate Driver Photocoupler Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 117. Vishay Product
- Table 118. Vishay Recent Development
- Table 119. Global IGBT and MOSFET Gate Driver Photocoupler Revenue Forecast by Region (2021-2026) (Million US\$)
- Table 120. Global IGBT and MOSFET Gate Driver Photocoupler Production Forecast by Regions (2021-2026) (K Units)
- Table 121. Global IGBT and MOSFET Gate Driver Photocoupler Production Forecast by Type (2021-2026) (K Units)
- Table 122. Global IGBT and MOSFET Gate Driver Photocoupler Revenue Forecast by Type (2021-2026) (Million US\$)
- Table 123. North America IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Regions (2021-2026) (K Units)

- Table 124. Europe IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Regions (2021-2026) (K Units)
- Table 125. Asia Pacific IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Regions (2021-2026) (K Units)
- Table 126. Latin America IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Regions (2021-2026) (K Units)
- Table 127. Middle East and Africa IGBT and MOSFET Gate Driver Photocoupler Consumption Forecast by Regions (2021-2026) (K Units)
- Table 128. IGBT and MOSFET Gate Driver Photocoupler Distributors List
- Table 129. IGBT and MOSFET Gate Driver Photocoupler Customers List
- Table 130. Key Opportunities and Drivers: Impact Analysis (2021-2026)
- Table 131. Key Challenges
- Table 132. Market Risks
- Table 133. Research Programs/Design for This Report
- Table 134. Key Data Information from Secondary Sources
- Table 135. Key Data Information from Primary Sources

List Of Figures

LIST OF FIGURES

- Figure 1. IGBT and MOSFET Gate Driver Photocoupler Product Picture
- Figure 2. Global IGBT and MOSFET Gate Driver Photocoupler Production Market Share by Type in 2020 & 2026
- Figure 3. 600V Product Picture
- Figure 4. 1000V Product Picture
- Figure 5. 1500V Product Picture
- Figure 6. 2000V Product Picture
- Figure 7. Others Product Picture
- Figure 8. Global IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Application in 2020 & 2026
- Figure 9. Motor Control
- Figure 10. Inverters
- Figure 11. Switched-Mode Power
- Figure 12. Others
- Figure 13. IGBT and MOSFET Gate Driver Photocoupler Report Years Considered
- Figure 14. Global IGBT and MOSFET Gate Driver Photocoupler Revenue 2015-2026 (Million US\$)
- Figure 15. Global IGBT and MOSFET Gate Driver Photocoupler Production Capacity 2015-2026 (K Units)
- Figure 16. Global IGBT and MOSFET Gate Driver Photocoupler Production 2015-2026 (K Units)
- Figure 17. Global IGBT and MOSFET Gate Driver Photocoupler Market Share Scenario by Region in Percentage: 2020 Versus 2026
- Figure 18. IGBT and MOSFET Gate Driver Photocoupler Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2015 VS 2019
- Figure 19. Global IGBT and MOSFET Gate Driver Photocoupler Production Share by Manufacturers in 2015
- Figure 20. The Top 10 and Top 5 Players Market Share by IGBT and MOSFET Gate Driver Photocoupler Revenue in 2019
- Figure 21. Global IGBT and MOSFET Gate Driver Photocoupler Production Market Share by Region (2015-2020)
- Figure 22. IGBT and MOSFET Gate Driver Photocoupler Production Growth Rate in North America (2015-2020) (K Units)
- Figure 23. IGBT and MOSFET Gate Driver Photocoupler Revenue Growth Rate in North America (2015-2020) (US\$ Million)

Figure 24. IGBT and MOSFET Gate Driver Photocoupler Production Growth Rate in Europe (2015-2020) (K Units)

Figure 25. IGBT and MOSFET Gate Driver Photocoupler Revenue Growth Rate in Europe (2015-2020) (US\$ Million)

Figure 26. IGBT and MOSFET Gate Driver Photocoupler Production Growth Rate in China (2015-2020) (K Units)

Figure 27. IGBT and MOSFET Gate Driver Photocoupler Revenue Growth Rate in China (2015-2020) (US\$ Million)

Figure 28. IGBT and MOSFET Gate Driver Photocoupler Production Growth Rate in Japan (2015-2020) (K Units)

Figure 29. IGBT and MOSFET Gate Driver Photocoupler Revenue Growth Rate in Japan (2015-2020) (US\$ Million)

Figure 30. IGBT and MOSFET Gate Driver Photocoupler Production Growth Rate in South Korea (2015-2020) (K Units)

Figure 31. IGBT and MOSFET Gate Driver Photocoupler Revenue Growth Rate in South Korea (2015-2020) (US\$ Million)

Figure 32. Global IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Regions 2015-2020

Figure 33. North America IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 34. North America IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Application in 2019

Figure 35. North America IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Countries in 2019

Figure 36. U.S. IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 37. Canada IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 38. Europe IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 39. Europe IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Application in 2019

Figure 40. Europe IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Countries in 2019

Figure 41. Germany IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 42. France IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 43. U.K. IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth

Rate (2015-2020) (K Units)

Figure 44. Italy IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 45. Russia IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 46. Asia Pacific IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (K Units)

Figure 47. Asia Pacific IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Application in 2019

Figure 48. Asia Pacific IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Regions in 2019

Figure 49. China IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 50. Japan IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 51. South Korea IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 52. India IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 53. Australia IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 54. Taiwan IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 55. Indonesia IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 56. Thailand IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 57. Malaysia IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 58. Philippines IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 59. Vietnam IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 60. Latin America IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (K Units)

Figure 61. Latin America IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Application in 2019

Figure 62. Latin America IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Countries in 2019

Figure 63. Mexico IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 64. Brazil IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 65. Argentina IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 66. Middle East and Africa IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (K Units)

Figure 67. Middle East and Africa IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Application in 2019

Figure 68. Middle East and Africa IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Countries in 2019

Figure 69. Turkey IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 70. Saudi Arabia IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 71. U.A.E IGBT and MOSFET Gate Driver Photocoupler Consumption and Growth Rate (2015-2020) (K Units)

Figure 72. Global IGBT and MOSFET Gate Driver Photocoupler Production Market Share by Type (2015-2020)

Figure 73. Global IGBT and MOSFET Gate Driver Photocoupler Production Market Share by Type in 2019

Figure 74. Global IGBT and MOSFET Gate Driver Photocoupler Revenue Market Share by Type (2015-2020)

Figure 75. Global IGBT and MOSFET Gate Driver Photocoupler Revenue Market Share by Type in 2019

Figure 76. Global IGBT and MOSFET Gate Driver Photocoupler Production Market Share Forecast by Type (2021-2026)

Figure 77. Global IGBT and MOSFET Gate Driver Photocoupler Revenue Market Share Forecast by Type (2021-2026)

Figure 78. Global IGBT and MOSFET Gate Driver Photocoupler Market Share by Price Range (2015-2020)

Figure 79. Global IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share by Application (2015-2020)

Figure 80. Global IGBT and MOSFET Gate Driver Photocoupler Value (Consumption) Market Share by Application (2015-2020)

Figure 81. Global IGBT and MOSFET Gate Driver Photocoupler Consumption Market Share Forecast by Application (2021-2026)

Figure 82. California Eastern Laboratories Total Revenue (US\$ Million): 2019

Compared with 2018

Figure 83. Evertight Electronics Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 84. Isocom Components Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 85. IXYS Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 86. Lite-On Technology Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 87. ON Semiconductor Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 88. Renesas Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 89. Sharp Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 90. Silicon Labs Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 91. Toshiba Memory Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 92. Vishay Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 93. Global IGBT and MOSFET Gate Driver Photocoupler Revenue Forecast by Regions (2021-2026) (US\$ Million)

Figure 94. Global IGBT and MOSFET Gate Driver Photocoupler Revenue Market Share Forecast by Regions ((2021-2026))

Figure 95. Global IGBT and MOSFET Gate Driver Photocoupler Production Forecast by Regions (2021-2026) (K Units)

Figure 96. North America IGBT and MOSFET Gate Driver Photocoupler Production Forecast (2021-2026) (K Units)

Figure 97. North America IGBT and MOSFET Gate Driver Photocoupler Revenue Forecast (2021-2026) (US\$ Million)

Figure 98. Europe IGBT and MOSFET Gate Driver Photocoupler Production Forecast (2021-2026) (K Units)

Figure 99. Europe IGBT and MOSFET Gate Driver Photocoupler Revenue Forecast (2021-2026) (US\$ Million)

Figure 100. China IGBT and MOSFET Gate Driver Photocoupler Production Forecast (2021-2026) (K Units)

Figure 101. China IGBT and MOSFET Gate Driver Photocoupler Revenue Forecast (2021-2026) (US\$ Million)

Figure 102. Japan IGBT and MOSFET Gate Driver Photocoupler Production Forecast (2021-2026) (K Units)

Figure 103. Japan IGBT and MOSFET Gate Driver Photocoupler Revenue Forecast (2021-2026) (US\$ Million)

Figure 104. South Korea IGBT and MOSFET Gate Driver Photocoupler Production Forecast (2021-2026) (K Units)

Figure 105. South Korea IGBT and MOSFET Gate Driver Photocoupler Revenue Forecast (2021-2026) (US\$ Million)

Figure 106. Global IGBT and MOSFET Gate Driver Photocoupler Consumption Market

Share Forecast by Region (2021-2026)

Figure 107. IGBT and MOSFET Gate Driver Photocoupler Value Chain

Figure 108. Channels of Distribution

Figure 109. Distributors Profiles

Figure 110. Porter's Five Forces Analysis

Figure 111. Bottom-up and Top-down Approaches for This Report

Figure 112. Data Triangulation

Figure 113. Key Executives Interviewed

I would like to order

Product name: Covid-19 Impact on Global IGBT and MOSFET Gate Driver Photocoupler Market Insights, Forecast to 2026

Product link: <https://marketpublishers.com/r/C2F06FA3706EEN.html>

Price: US\$ 4,900.00 (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/C2F06FA3706EEN.html>

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**

Customer signature _____

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

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

