

# Covid-19 Impact on Global Triac and SCR Output Photocouplers Market Insights, Forecast to 2026

<https://marketpublishers.com/r/C7548CF183EDEN.html>

Date: June 2020

Pages: 113

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

ID: C7548CF183EDEN

## Abstracts

Triac and SCR output photocouplers are also known as triac and SCR output optocouplers. They are semiconductor devices that combine the functionality of an opto-triac or an opto-SCR with a power triac. They provide electrical isolation between a low voltage input and a high voltage output, whilst being able to switch the high voltage output. This is important in electrical equipment because isolation prevents catastrophic or dangerous faults that can occur in such scenarios where the higher voltage accidentally couples onto the low voltage circuit. This could lead to the destruction of the associated circuits or even electrocution. Such isolation is mandated in government type approval compliance requirements for certain equipment.

These isolating switches contain a low voltage input connected to a simple photo diode circuit. When a small current flows through the photodiode, it generates a beam of light which travels across an electrically insulating barrier or gap and detected by a receiving photodiode. The light beam can be modulated on and off by the input current, typically less than 10mA. This current is known as the LED trigger current. An LED photodiode current is modulated by changing the voltage presented across the diode, crossing the LED Forward Voltage (typically around 0.9-1.4V) as long as the photodiode is presented with voltages that can turn it on and off. This is typically around the 1-1.4V.

The sensing photodiode, in this case, is a photo-triac or a photo-SCR. Triac stands for triode for alternating current and is a device that can conduct current in either direction when it is triggered, or turned on by detecting a light beam on its trigger junction (gate). An SCR is similar to a triac, except that it conducts only in one direction. When used in AC switching applications it is typical to find dual-power SCRs, and a zero crossing detector are used instead of a single triac to allow bidirectional current switching. These devices are used in applications like high voltage AC switching, gas pumps, washing machines, microwave ovens and water heaters. They are commonly used anywhere where there is a need to protect and electrically isolate two circuits in a

switching application.

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 Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers industry.

Based on our recent survey, we have several different scenarios about the Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers market in terms of both revenue and volume.

Players, stakeholders, and other participants in the global Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers market has been provided based on region.

### Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers market.

The following manufacturers are covered in this report:

Isocom Components

ON Semiconductor

Toshiba

Vishay

Central Semiconductor

Everlight Electronics

Lite-On Technology

NTE Electronics

Panasonic

Electric Works

QT-Brightek

Sharp

### Triac and SCR Output Photocouplers Breakdown Data by Type

DIP

SMD

SOIC

SOP

Others

### Triac and SCR Output Photocouplers Breakdown Data by Application

Commercial

Industrial

Household Electric Appliances

Automotive

## Contents

### 1 STUDY COVERAGE

- 1.1 Triac and SCR Output Photocouplers Product Introduction
- 1.2 Key Market Segments in This Study
- 1.3 Key Manufacturers Covered: Ranking of Global Top Triac and SCR Output Photocouplers Manufacturers by Revenue in 2019
- 1.4 Market by Type
  - 1.4.1 Global Triac and SCR Output Photocouplers Market Size Growth Rate by Type
  - 1.4.2 DIP
  - 1.4.3 SMD
  - 1.4.4 SOIC
  - 1.4.5 SOP
  - 1.4.6 Others
- 1.5 Market by Application
  - 1.5.1 Global Triac and SCR Output Photocouplers Market Size Growth Rate by Application
  - 1.5.2 Commercial
  - 1.5.3 Industrial
  - 1.5.4 Household Electric Appliances
  - 1.5.5 Automotive
- 1.6 Coronavirus Disease 2019 (Covid-19): Triac and SCR Output Photocouplers Industry Impact
  - 1.6.1 How the Covid-19 is Affecting the Triac and SCR Output Photocouplers Industry
    - 1.6.1.1 Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers Players to Combat Covid-19 Impact
- 1.7 Study Objectives
- 1.8 Years Considered

### 2 EXECUTIVE SUMMARY

- 2.1 Global Triac and SCR Output Photocouplers Market Size Estimates and Forecasts
  - 2.1.1 Global Triac and SCR Output Photocouplers Revenue Estimates and Forecasts 2015-2026
  - 2.1.2 Global Triac and SCR Output Photocouplers Production Capacity Estimates and Forecasts 2015-2026
  - 2.1.3 Global Triac and SCR Output Photocouplers Production Estimates and Forecasts 2015-2026
- 2.2 Global Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers Market Share by Company Type (Tier 1, Tier 2 and Tier 3)
  - 2.3.3 Global Triac and SCR Output Photocouplers Manufacturers Geographical Distribution
- 2.4 Key Trends for Triac and SCR Output Photocouplers Markets & Products
- 2.5 Primary Interviews with Key Triac and SCR Output Photocouplers Players (Opinion Leaders)

### **3 MARKET SIZE BY MANUFACTURERS**

- 3.1 Global Top Triac and SCR Output Photocouplers Manufacturers by Production Capacity
  - 3.1.1 Global Top Triac and SCR Output Photocouplers Manufacturers by Production Capacity (2015-2020)
  - 3.1.2 Global Top Triac and SCR Output Photocouplers Manufacturers by Production (2015-2020)
  - 3.1.3 Global Top Triac and SCR Output Photocouplers Manufacturers Market Share by Production
- 3.2 Global Top Triac and SCR Output Photocouplers Manufacturers by Revenue
  - 3.2.1 Global Top Triac and SCR Output Photocouplers Manufacturers by Revenue (2015-2020)
  - 3.2.2 Global Top Triac and SCR Output Photocouplers Manufacturers Market Share by Revenue (2015-2020)
  - 3.2.3 Global Top 10 and Top 5 Companies by Triac and SCR Output Photocouplers Revenue in 2019
- 3.3 Global Triac and SCR Output Photocouplers Price by Manufacturers
- 3.4 Mergers & Acquisitions, Expansion Plans

## **4 TRIAC AND SCR OUTPUT PHOTOCOUPERS PRODUCTION BY REGIONS**

### 4.1 Global Triac and SCR Output Photocouplers Historic Market Facts & Figures by Regions

4.1.1 Global Top Triac and SCR Output Photocouplers Regions by Production (2015-2020)

4.1.2 Global Top Triac and SCR Output Photocouplers Regions by Revenue (2015-2020)

### 4.2 North America

4.2.1 North America Triac and SCR Output Photocouplers Production (2015-2020)

4.2.2 North America Triac and SCR Output Photocouplers Revenue (2015-2020)

4.2.3 Key Players in North America

4.2.4 North America Triac and SCR Output Photocouplers Import & Export (2015-2020)

### 4.3 Europe

4.3.1 Europe Triac and SCR Output Photocouplers Production (2015-2020)

4.3.2 Europe Triac and SCR Output Photocouplers Revenue (2015-2020)

4.3.3 Key Players in Europe

4.3.4 Europe Triac and SCR Output Photocouplers Import & Export (2015-2020)

### 4.4 China

4.4.1 China Triac and SCR Output Photocouplers Production (2015-2020)

4.4.2 China Triac and SCR Output Photocouplers Revenue (2015-2020)

4.4.3 Key Players in China

4.4.4 China Triac and SCR Output Photocouplers Import & Export (2015-2020)

### 4.5 Japan

4.5.1 Japan Triac and SCR Output Photocouplers Production (2015-2020)

4.5.2 Japan Triac and SCR Output Photocouplers Revenue (2015-2020)

4.5.3 Key Players in Japan

4.5.4 Japan Triac and SCR Output Photocouplers Import & Export (2015-2020)

### 4.6 South Korea

4.6.1 South Korea Triac and SCR Output Photocouplers Production (2015-2020)

4.6.2 South Korea Triac and SCR Output Photocouplers Revenue (2015-2020)

4.6.3 Key Players in South Korea

4.6.4 South Korea Triac and SCR Output Photocouplers Import & Export (2015-2020)

## **5 TRIAC AND SCR OUTPUT PHOTOCOUPERS CONSUMPTION BY REGION**

### 5.1 Global Top Triac and SCR Output Photocouplers Regions by Consumption



5.1.1 Global Top Triac and SCR Output Photocouplers Regions by Consumption (2015-2020)

5.1.2 Global Top Triac and SCR Output Photocouplers Regions Market Share by Consumption (2015-2020)

5.2 North America

5.2.1 North America Triac and SCR Output Photocouplers Consumption by Application

5.2.2 North America Triac and SCR Output Photocouplers Consumption by Countries

5.2.3 U.S.

5.2.4 Canada

5.3 Europe

5.3.1 Europe Triac and SCR Output Photocouplers Consumption by Application

5.3.2 Europe Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers Consumption by Application

5.4.2 Asia Pacific Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers Consumption by Application

5.5.2 Central & South America Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers Consumption by Application

5.6.2 Middle East and Africa Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers Market Size by Type (2015-2020)

6.1.1 Global Triac and SCR Output Photocouplers Production by Type (2015-2020)

6.1.2 Global Triac and SCR Output Photocouplers Revenue by Type (2015-2020)

6.1.3 Triac and SCR Output Photocouplers Price by Type (2015-2020)

6.2 Global Triac and SCR Output Photocouplers Market Forecast by Type (2021-2026)

6.2.1 Global Triac and SCR Output Photocouplers Production Forecast by Type (2021-2026)

6.2.2 Global Triac and SCR Output Photocouplers Revenue Forecast by Type (2021-2026)

6.2.3 Global Triac and SCR Output Photocouplers Price Forecast by Type (2021-2026)

6.3 Global Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers Consumption Historic Breakdown by Application (2015-2020)

7.2.2 Global Triac and SCR Output Photocouplers Consumption Forecast by Application (2021-2026)

## 8 CORPORATE PROFILES

8.1 Isocom Components

8.1.1 Isocom Components Corporation Information

8.1.2 Isocom Components Overview and Its Total Revenue

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

- 8.1.4 Isocom Components Product Description
- 8.1.5 Isocom Components Recent Development
- 8.2 ON Semiconductor
  - 8.2.1 ON Semiconductor Corporation Information
  - 8.2.2 ON Semiconductor Overview and Its Total Revenue
  - 8.2.3 ON Semiconductor Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.2.4 ON Semiconductor Product Description
  - 8.2.5 ON Semiconductor Recent Development
- 8.3 Toshiba
  - 8.3.1 Toshiba Corporation Information
  - 8.3.2 Toshiba Overview and Its Total Revenue
  - 8.3.3 Toshiba Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.3.4 Toshiba Product Description
  - 8.3.5 Toshiba Recent Development
- 8.4 Vishay
  - 8.4.1 Vishay Corporation Information
  - 8.4.2 Vishay Overview and Its Total Revenue
  - 8.4.3 Vishay Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.4.4 Vishay Product Description
  - 8.4.5 Vishay Recent Development
- 8.5 Central Semiconductor
  - 8.5.1 Central Semiconductor Corporation Information
  - 8.5.2 Central Semiconductor Overview and Its Total Revenue
  - 8.5.3 Central Semiconductor Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.5.4 Central Semiconductor Product Description
  - 8.5.5 Central Semiconductor Recent Development
- 8.6 Everlight Electronics
  - 8.6.1 Everlight Electronics Corporation Information
  - 8.6.2 Everlight Electronics Overview and Its Total Revenue
  - 8.6.3 Everlight Electronics Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.6.4 Everlight Electronics Product Description
  - 8.6.5 Everlight Electronics Recent Development
- 8.7 Lite-On Technology
  - 8.7.1 Lite-On Technology Corporation Information

- 8.7.2 Lite-On Technology Overview and Its Total Revenue
- 8.7.3 Lite-On Technology Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- 8.7.4 Lite-On Technology Product Description
- 8.7.5 Lite-On Technology Recent Development
- 8.8 NTE Electronics
  - 8.8.1 NTE Electronics Corporation Information
  - 8.8.2 NTE Electronics Overview and Its Total Revenue
  - 8.8.3 NTE Electronics Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.8.4 NTE Electronics Product Description
  - 8.8.5 NTE Electronics Recent Development
- 8.9 Panasonic
  - 8.9.1 Panasonic Corporation Information
  - 8.9.2 Panasonic Overview and Its Total Revenue
  - 8.9.3 Panasonic Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.9.4 Panasonic Product Description
  - 8.9.5 Panasonic Recent Development
- 8.10 Electric Works
  - 8.10.1 Electric Works Corporation Information
  - 8.10.2 Electric Works Overview and Its Total Revenue
  - 8.10.3 Electric Works Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.10.4 Electric Works Product Description
  - 8.10.5 Electric Works Recent Development
- 8.11 QT-Brightek
  - 8.11.1 QT-Brightek Corporation Information
  - 8.11.2 QT-Brightek Overview and Its Total Revenue
  - 8.11.3 QT-Brightek Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.11.4 QT-Brightek Product Description
  - 8.11.5 QT-Brightek Recent Development
- 8.12 Sharp
  - 8.12.1 Sharp Corporation Information
  - 8.12.2 Sharp Overview and Its Total Revenue
  - 8.12.3 Sharp Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.12.4 Sharp Product Description

### 8.12.5 Sharp Recent Development

## **9 PRODUCTION FORECASTS BY REGIONS**

9.1 Global Top Triac and SCR Output Photocouplers Regions Forecast by Revenue (2021-2026)

9.2 Global Top Triac and SCR Output Photocouplers Regions Forecast by Production (2021-2026)

9.3 Key Triac and SCR Output Photocouplers 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 TRIAC AND SCR OUTPUT PHOTOCOUPPLERS CONSUMPTION FORECAST BY REGION**

10.1 Global Triac and SCR Output Photocouplers Consumption Forecast by Region (2021-2026)

10.2 North America Triac and SCR Output Photocouplers Consumption Forecast by Region (2021-2026)

10.3 Europe Triac and SCR Output Photocouplers Consumption Forecast by Region (2021-2026)

10.4 Asia Pacific Triac and SCR Output Photocouplers Consumption Forecast by Region (2021-2026)

10.5 Latin America Triac and SCR Output Photocouplers Consumption Forecast by Region (2021-2026)

10.6 Middle East and Africa Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers Sales Channels

11.2.2 Triac and SCR Output Photocouplers Distributors

11.3 Triac and SCR Output Photocouplers 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 TRIAC AND SCR OUTPUT PHOTOCOUPPLERS 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. Triac and SCR Output Photocouplers Key Market Segments in This Study
- Table 2. Ranking of Global Top Triac and SCR Output Photocouplers Manufacturers by Revenue (US\$ Million) in 2019
- Table 3. Global Triac and SCR Output Photocouplers Market Size Growth Rate by Type 2020-2026 (K Units) (Million US\$)
- Table 4. Major Manufacturers of DIP
- Table 5. Major Manufacturers of SMD
- Table 6. Major Manufacturers of SOIC
- Table 7. Major Manufacturers of SOP
- Table 8. Major Manufacturers of Others
- Table 9. COVID-19 Impact Global Market: (Four Triac and SCR Output Photocouplers Market Size Forecast Scenarios)
- Table 10. Opportunities and Trends for Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers Players to Combat Covid-19 Impact
- Table 14. Global Triac and SCR Output Photocouplers Market Size Growth Rate by Application 2020-2026 (K Units)
- Table 15. Global Triac and SCR Output Photocouplers 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 Triac and SCR Output Photocouplers by Company Type (Tier 1, Tier 2 and Tier 3) (based on the Revenue in Triac and SCR Output Photocouplers as of 2019)
- Table 18. Triac and SCR Output Photocouplers Manufacturing Base Distribution and Headquarters
- Table 19. Manufacturers Triac and SCR Output Photocouplers Product Offered
- Table 20. Date of Manufacturers Enter into Triac and SCR Output Photocouplers Market
- Table 21. Key Trends for Triac and SCR Output Photocouplers Markets & Products
- Table 22. Main Points Interviewed from Key Triac and SCR Output Photocouplers Players
- Table 23. Global Triac and SCR Output Photocouplers Production Capacity by Manufacturers (2015-2020) (K Units)

- Table 24. Global Triac and SCR Output Photocouplers Production Share by Manufacturers (2015-2020)
- Table 25. Triac and SCR Output Photocouplers Revenue by Manufacturers (2015-2020) (Million US\$)
- Table 26. Triac and SCR Output Photocouplers Revenue Share by Manufacturers (2015-2020)
- Table 27. Triac and SCR Output Photocouplers Price by Manufacturers 2015-2020 (USD/Unit)
- Table 28. Mergers & Acquisitions, Expansion Plans
- Table 29. Global Triac and SCR Output Photocouplers Production by Regions (2015-2020) (K Units)
- Table 30. Global Triac and SCR Output Photocouplers Production Market Share by Regions (2015-2020)
- Table 31. Global Triac and SCR Output Photocouplers Revenue by Regions (2015-2020) (US\$ Million)
- Table 32. Global Triac and SCR Output Photocouplers Revenue Market Share by Regions (2015-2020)
- Table 33. Key Triac and SCR Output Photocouplers Players in North America
- Table 34. Import & Export of Triac and SCR Output Photocouplers in North America (K Units)
- Table 35. Key Triac and SCR Output Photocouplers Players in Europe
- Table 36. Import & Export of Triac and SCR Output Photocouplers in Europe (K Units)
- Table 37. Key Triac and SCR Output Photocouplers Players in China
- Table 38. Import & Export of Triac and SCR Output Photocouplers in China (K Units)
- Table 39. Key Triac and SCR Output Photocouplers Players in Japan
- Table 40. Import & Export of Triac and SCR Output Photocouplers in Japan (K Units)
- Table 41. Key Triac and SCR Output Photocouplers Players in South Korea
- Table 42. Import & Export of Triac and SCR Output Photocouplers in South Korea (K Units)
- Table 43. Global Triac and SCR Output Photocouplers Consumption by Regions (2015-2020) (K Units)
- Table 44. Global Triac and SCR Output Photocouplers Consumption Market Share by Regions (2015-2020)
- Table 45. North America Triac and SCR Output Photocouplers Consumption by Application (2015-2020) (K Units)
- Table 46. North America Triac and SCR Output Photocouplers Consumption by Countries (2015-2020) (K Units)
- Table 47. Europe Triac and SCR Output Photocouplers Consumption by Application (2015-2020) (K Units)



Table 48. Europe Triac and SCR Output Photocouplers Consumption by Countries (2015-2020) (K Units)

Table 49. Asia Pacific Triac and SCR Output Photocouplers Consumption by Application (2015-2020) (K Units)

Table 50. Asia Pacific Triac and SCR Output Photocouplers Consumption Market Share by Application (2015-2020) (K Units)

Table 51. Asia Pacific Triac and SCR Output Photocouplers Consumption by Regions (2015-2020) (K Units)

Table 52. Latin America Triac and SCR Output Photocouplers Consumption by Application (2015-2020) (K Units)

Table 53. Latin America Triac and SCR Output Photocouplers Consumption by Countries (2015-2020) (K Units)

Table 54. Middle East and Africa Triac and SCR Output Photocouplers Consumption by Application (2015-2020) (K Units)

Table 55. Middle East and Africa Triac and SCR Output Photocouplers Consumption by Countries (2015-2020) (K Units)

Table 56. Global Triac and SCR Output Photocouplers Production by Type (2015-2020) (K Units)

Table 57. Global Triac and SCR Output Photocouplers Production Share by Type (2015-2020)

Table 58. Global Triac and SCR Output Photocouplers Revenue by Type (2015-2020) (Million US\$)

Table 59. Global Triac and SCR Output Photocouplers Revenue Share by Type (2015-2020)

Table 60. Triac and SCR Output Photocouplers Price by Type 2015-2020 (USD/Unit)

Table 61. Global Triac and SCR Output Photocouplers Consumption by Application (2015-2020) (K Units)

Table 62. Global Triac and SCR Output Photocouplers Consumption by Application (2015-2020) (K Units)

Table 63. Global Triac and SCR Output Photocouplers Consumption Share by Application (2015-2020)

Table 64. Isocom Components Corporation Information

Table 65. Isocom Components Description and Major Businesses

Table 66. Isocom Components Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 67. Isocom Components Product

Table 68. Isocom Components Recent Development

Table 69. ON Semiconductor Corporation Information

Table 70. ON Semiconductor Description and Major Businesses

Table 71. ON Semiconductor Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 72. ON Semiconductor Product

Table 73. ON Semiconductor Recent Development

Table 74. Toshiba Corporation Information

Table 75. Toshiba Description and Major Businesses

Table 76. Toshiba Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 77. Toshiba Product

Table 78. Toshiba Recent Development

Table 79. Vishay Corporation Information

Table 80. Vishay Description and Major Businesses

Table 81. Vishay Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 82. Vishay Product

Table 83. Vishay Recent Development

Table 84. Central Semiconductor Corporation Information

Table 85. Central Semiconductor Description and Major Businesses

Table 86. Central Semiconductor Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 87. Central Semiconductor Product

Table 88. Central Semiconductor Recent Development

Table 89. Everlight Electronics Corporation Information

Table 90. Everlight Electronics Description and Major Businesses

Table 91. Everlight Electronics Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 92. Everlight Electronics Product

Table 93. Everlight Electronics Recent Development

Table 94. Lite-On Technology Corporation Information

Table 95. Lite-On Technology Description and Major Businesses

Table 96. Lite-On Technology Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 97. Lite-On Technology Product

Table 98. Lite-On Technology Recent Development

Table 99. NTE Electronics Corporation Information

Table 100. NTE Electronics Description and Major Businesses

Table 101. NTE Electronics Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 102. NTE Electronics Product

- Table 103. NTE Electronics Recent Development
- Table 104. Panasonic Corporation Information
- Table 105. Panasonic Description and Major Businesses
- Table 106. Panasonic Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 107. Panasonic Product
- Table 108. Panasonic Recent Development
- Table 109. Electric Works Corporation Information
- Table 110. Electric Works Description and Major Businesses
- Table 111. Electric Works Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 112. Electric Works Product
- Table 113. Electric Works Recent Development
- Table 114. QT-Brightek Corporation Information
- Table 115. QT-Brightek Description and Major Businesses
- Table 116. QT-Brightek Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 117. QT-Brightek Product
- Table 118. QT-Brightek Recent Development
- Table 119. Sharp Corporation Information
- Table 120. Sharp Description and Major Businesses
- Table 121. Sharp Triac and SCR Output Photocouplers Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)
- Table 122. Sharp Product
- Table 123. Sharp Recent Development
- Table 124. Global Triac and SCR Output Photocouplers Revenue Forecast by Region (2021-2026) (Million US\$)
- Table 125. Global Triac and SCR Output Photocouplers Production Forecast by Regions (2021-2026) (K Units)
- Table 126. Global Triac and SCR Output Photocouplers Production Forecast by Type (2021-2026) (K Units)
- Table 127. Global Triac and SCR Output Photocouplers Revenue Forecast by Type (2021-2026) (Million US\$)
- Table 128. North America Triac and SCR Output Photocouplers Consumption Forecast by Regions (2021-2026) (K Units)
- Table 129. Europe Triac and SCR Output Photocouplers Consumption Forecast by Regions (2021-2026) (K Units)
- Table 130. Asia Pacific Triac and SCR Output Photocouplers Consumption Forecast by Regions (2021-2026) (K Units)

Table 131. Latin America Triac and SCR Output Photocouplers Consumption Forecast by Regions (2021-2026) (K Units)

Table 132. Middle East and Africa Triac and SCR Output Photocouplers Consumption Forecast by Regions (2021-2026) (K Units)

Table 133. Triac and SCR Output Photocouplers Distributors List

Table 134. Triac and SCR Output Photocouplers Customers List

Table 135. Key Opportunities and Drivers: Impact Analysis (2021-2026)

Table 136. Key Challenges

Table 137. Market Risks

Table 138. Research Programs/Design for This Report

Table 139. Key Data Information from Secondary Sources

Table 140. Key Data Information from Primary Sources

## List Of Figures

### LIST OF FIGURES

- Figure 1. Triac and SCR Output Photocouplers Product Picture
- Figure 2. Global Triac and SCR Output Photocouplers Production Market Share by Type in 2020 & 2026
- Figure 3. DIP Product Picture
- Figure 4. SMD Product Picture
- Figure 5. SOIC Product Picture
- Figure 6. SOP Product Picture
- Figure 7. Others Product Picture
- Figure 8. Global Triac and SCR Output Photocouplers Consumption Market Share by Application in 2020 & 2026
- Figure 9. Commercial
- Figure 10. Industrial
- Figure 11. Household Electric Appliances
- Figure 12. Automotive
- Figure 13. Triac and SCR Output Photocouplers Report Years Considered
- Figure 14. Global Triac and SCR Output Photocouplers Revenue 2015-2026 (Million US\$)
- Figure 15. Global Triac and SCR Output Photocouplers Production Capacity 2015-2026 (K Units)
- Figure 16. Global Triac and SCR Output Photocouplers Production 2015-2026 (K Units)
- Figure 17. Global Triac and SCR Output Photocouplers Market Share Scenario by Region in Percentage: 2020 Versus 2026
- Figure 18. Triac and SCR Output Photocouplers Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2015 VS 2019
- Figure 19. Global Triac and SCR Output Photocouplers Production Share by Manufacturers in 2015
- Figure 20. The Top 10 and Top 5 Players Market Share by Triac and SCR Output Photocouplers Revenue in 2019
- Figure 21. Global Triac and SCR Output Photocouplers Production Market Share by Region (2015-2020)
- Figure 22. Triac and SCR Output Photocouplers Production Growth Rate in North America (2015-2020) (K Units)
- Figure 23. Triac and SCR Output Photocouplers Revenue Growth Rate in North America (2015-2020) (US\$ Million)
- Figure 24. Triac and SCR Output Photocouplers Production Growth Rate in Europe

(2015-2020) (K Units)

Figure 25. Triac and SCR Output Photocouplers Revenue Growth Rate in Europe (2015-2020) (US\$ Million)

Figure 26. Triac and SCR Output Photocouplers Production Growth Rate in China (2015-2020) (K Units)

Figure 27. Triac and SCR Output Photocouplers Revenue Growth Rate in China (2015-2020) (US\$ Million)

Figure 28. Triac and SCR Output Photocouplers Production Growth Rate in Japan (2015-2020) (K Units)

Figure 29. Triac and SCR Output Photocouplers Revenue Growth Rate in Japan (2015-2020) (US\$ Million)

Figure 30. Triac and SCR Output Photocouplers Production Growth Rate in South Korea (2015-2020) (K Units)

Figure 31. Triac and SCR Output Photocouplers Revenue Growth Rate in South Korea (2015-2020) (US\$ Million)

Figure 32. Global Triac and SCR Output Photocouplers Consumption Market Share by Regions 2015-2020

Figure 33. North America Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 34. North America Triac and SCR Output Photocouplers Consumption Market Share by Application in 2019

Figure 35. North America Triac and SCR Output Photocouplers Consumption Market Share by Countries in 2019

Figure 36. U.S. Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 37. Canada Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 38. Europe Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 39. Europe Triac and SCR Output Photocouplers Consumption Market Share by Application in 2019

Figure 40. Europe Triac and SCR Output Photocouplers Consumption Market Share by Countries in 2019

Figure 41. Germany Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 42. France Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 43. U.K. Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 44. Italy Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 45. Russia Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 46. Asia Pacific Triac and SCR Output Photocouplers Consumption and Growth Rate (K Units)

Figure 47. Asia Pacific Triac and SCR Output Photocouplers Consumption Market Share by Application in 2019

Figure 48. Asia Pacific Triac and SCR Output Photocouplers Consumption Market Share by Regions in 2019

Figure 49. China Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 50. Japan Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 51. South Korea Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 52. India Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 53. Australia Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 54. Taiwan Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 55. Indonesia Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 56. Thailand Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 57. Malaysia Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 58. Philippines Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 59. Vietnam Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 60. Latin America Triac and SCR Output Photocouplers Consumption and Growth Rate (K Units)

Figure 61. Latin America Triac and SCR Output Photocouplers Consumption Market Share by Application in 2019

Figure 62. Latin America Triac and SCR Output Photocouplers Consumption Market Share by Countries in 2019

Figure 63. Mexico Triac and SCR Output Photocouplers Consumption and Growth Rate

(2015-2020) (K Units)

Figure 64. Brazil Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 65. Argentina Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 66. Middle East and Africa Triac and SCR Output Photocouplers Consumption and Growth Rate (K Units)

Figure 67. Middle East and Africa Triac and SCR Output Photocouplers Consumption Market Share by Application in 2019

Figure 68. Middle East and Africa Triac and SCR Output Photocouplers Consumption Market Share by Countries in 2019

Figure 69. Turkey Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 70. Saudi Arabia Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 71. U.A.E Triac and SCR Output Photocouplers Consumption and Growth Rate (2015-2020) (K Units)

Figure 72. Global Triac and SCR Output Photocouplers Production Market Share by Type (2015-2020)

Figure 73. Global Triac and SCR Output Photocouplers Production Market Share by Type in 2019

Figure 74. Global Triac and SCR Output Photocouplers Revenue Market Share by Type (2015-2020)

Figure 75. Global Triac and SCR Output Photocouplers Revenue Market Share by Type in 2019

Figure 76. Global Triac and SCR Output Photocouplers Production Market Share Forecast by Type (2021-2026)

Figure 77. Global Triac and SCR Output Photocouplers Revenue Market Share Forecast by Type (2021-2026)

Figure 78. Global Triac and SCR Output Photocouplers Market Share by Price Range (2015-2020)

Figure 79. Global Triac and SCR Output Photocouplers Consumption Market Share by Application (2015-2020)

Figure 80. Global Triac and SCR Output Photocouplers Value (Consumption) Market Share by Application (2015-2020)

Figure 81. Global Triac and SCR Output Photocouplers Consumption Market Share Forecast by Application (2021-2026)

Figure 82. Isocom Components Total Revenue (US\$ Million): 2019 Compared with 2018



- Figure 83. ON Semiconductor Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 84. Toshiba Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 85. Vishay Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 86. Central Semiconductor Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 87. Everlight Electronics Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 88. Lite-On Technology Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 89. NTE Electronics Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 90. Panasonic Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 91. Electric Works Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 92. QT-Brightek Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 93. Sharp Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 94. Global Triac and SCR Output Photocouplers Revenue Forecast by Regions (2021-2026) (US\$ Million)
- Figure 95. Global Triac and SCR Output Photocouplers Revenue Market Share Forecast by Regions ((2021-2026))
- Figure 96. Global Triac and SCR Output Photocouplers Production Forecast by Regions (2021-2026) (K Units)
- Figure 97. North America Triac and SCR Output Photocouplers Production Forecast (2021-2026) (K Units)
- Figure 98. North America Triac and SCR Output Photocouplers Revenue Forecast (2021-2026) (US\$ Million)
- Figure 99. Europe Triac and SCR Output Photocouplers Production Forecast (2021-2026) (K Units)
- Figure 100. Europe Triac and SCR Output Photocouplers Revenue Forecast (2021-2026) (US\$ Million)
- Figure 101. China Triac and SCR Output Photocouplers Production Forecast (2021-2026) (K Units)
- Figure 102. China Triac and SCR Output Photocouplers Revenue Forecast (2021-2026) (US\$ Million)
- Figure 103. Japan Triac and SCR Output Photocouplers Production Forecast (2021-2026) (K Units)
- Figure 104. Japan Triac and SCR Output Photocouplers Revenue Forecast (2021-2026) (US\$ Million)
- Figure 105. South Korea Triac and SCR Output Photocouplers Production Forecast (2021-2026) (K Units)
- Figure 106. South Korea Triac and SCR Output Photocouplers Revenue Forecast (2021-2026) (US\$ Million)
- Figure 107. Global Triac and SCR Output Photocouplers Consumption Market Share

Forecast by Region (2021-2026)

Figure 108. Triac and SCR Output Photocouplers Value Chain

Figure 109. Channels of Distribution

Figure 110. Distributors Profiles

Figure 111. Porter's Five Forces Analysis

Figure 112. Bottom-up and Top-down Approaches for This Report

Figure 113. Data Triangulation

Figure 114. Key Executives Interviewed

## I would like to order

Product name: Covid-19 Impact on Global Triac and SCR Output Photocouplers Market Insights, Forecast to 2026

Product link: <https://marketpublishers.com/r/C7548CF183EDEN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C7548CF183EDEN.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

