

Global Single-Phase Gate Driver Ics Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/G9172F3BB3F0EN.html>

Date: March 2025

Pages: 173

Price: US\$ 3,200.00 (Single User License)

ID: G9172F3BB3F0EN

Abstracts

Report Overview

Single-Phase Gate Driver IC is a specialized integrated circuit (IC) designed to control the switching of power semiconductor devices (such as MOSFETs or IGBTs) in single-phase applications. This gate driver provides the necessary signals to turn on and off the power switches, enabling precise control of current flow and voltage regulation.

This report provides a deep insight into the global Single-Phase Gate Driver Ics market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Single-Phase Gate Driver Ics Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Single-Phase Gate Driver Ics market in any manner.

Global Single-Phase Gate Driver Ics Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Infineon

TI

Allegro MicroSystems

NXP Semiconductors

ON Semiconductor

STMicroelectronics

Rohm Semiconductor

Microchip Technology

Renesas Electronics

Analog Devices

Diodes

Richtek

NOVOSENSE

Sillumin

Market Segmentation (by Type)

3 kVrms Below

3-5 kVrms

5 kVrms Above

Market Segmentation (by Application)

Automotive

Industrial

Consumer Electronics

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Single-Phase Gate Driver Ics Market

Overview of the regional outlook of the Single-Phase Gate Driver Ics Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Single-Phase Gate Driver Ics Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Single-Phase Gate Driver Ics

1.2 Key Market Segments

1.2.1 Single-Phase Gate Driver Ics Segment by Type

1.2.2 Single-Phase Gate Driver Ics Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 SINGLE-PHASE GATE DRIVER ICS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Single-Phase Gate Driver Ics Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global Single-Phase Gate Driver Ics Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 SINGLE-PHASE GATE DRIVER ICS MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Single-Phase Gate Driver Ics Product Life Cycle

3.3 Global Single-Phase Gate Driver Ics Sales by Manufacturers (2020-2025)

3.4 Global Single-Phase Gate Driver Ics Revenue Market Share by Manufacturers (2020-2025)

3.5 Single-Phase Gate Driver Ics Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Single-Phase Gate Driver Ics Average Price by Manufacturers (2020-2025)

3.7 Manufacturers Single-Phase Gate Driver Ics Manufacturing Sites, Area Served, Product Type

3.8 Single-Phase Gate Driver Ics Market Competitive Situation and Trends

3.8.1 Single-Phase Gate Driver Ics Market Concentration Rate

3.8.2 Global 5 and 10 Largest Single-Phase Gate Driver Ics Players Market Share by

Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 SINGLE-PHASE GATE DRIVER ICS INDUSTRY CHAIN ANALYSIS

4.1 Single-Phase Gate Driver Ics Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF SINGLE-PHASE GATE DRIVER ICS MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Single-Phase Gate Driver Ics Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 Global Trade Frictions and Their Impacts to Single-Phase Gate Driver Ics Market

5.7 ESG Ratings of Leading Companies

6 SINGLE-PHASE GATE DRIVER ICS MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Single-Phase Gate Driver Ics Sales Market Share by Type (2020-2025)

6.3 Global Single-Phase Gate Driver Ics Market Size Market Share by Type (2020-2025)

6.4 Global Single-Phase Gate Driver Ics Price by Type (2020-2025)

7 SINGLE-PHASE GATE DRIVER ICS MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Single-Phase Gate Driver Ics Market Sales by Application (2020-2025)
- 7.3 Global Single-Phase Gate Driver Ics Market Size (M USD) by Application (2020-2025)
- 7.4 Global Single-Phase Gate Driver Ics Sales Growth Rate by Application (2020-2025)

8 SINGLE-PHASE GATE DRIVER ICS MARKET SALES BY REGION

- 8.1 Global Single-Phase Gate Driver Ics Sales by Region
 - 8.1.1 Global Single-Phase Gate Driver Ics Sales by Region
 - 8.1.2 Global Single-Phase Gate Driver Ics Sales Market Share by Region
- 8.2 Global Single-Phase Gate Driver Ics Market Size by Region
 - 8.2.1 Global Single-Phase Gate Driver Ics Market Size by Region
 - 8.2.2 Global Single-Phase Gate Driver Ics Market Size Market Share by Region
- 8.3 North America
 - 8.3.1 North America Single-Phase Gate Driver Ics Sales by Country
 - 8.3.2 North America Single-Phase Gate Driver Ics Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Single-Phase Gate Driver Ics Sales by Country
 - 8.4.2 Europe Single-Phase Gate Driver Ics Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Single-Phase Gate Driver Ics Sales by Region
 - 8.5.2 Asia Pacific Single-Phase Gate Driver Ics Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview

8.6 South America

- 8.6.1 South America Single-Phase Gate Driver Ics Sales by Country
- 8.6.2 South America Single-Phase Gate Driver Ics Market Size by Country
- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview

8.7 Middle East and Africa

- 8.7.1 Middle East and Africa Single-Phase Gate Driver Ics Sales by Region
- 8.7.2 Middle East and Africa Single-Phase Gate Driver Ics Market Size by Region
- 8.7.3 Saudi Arabia Market Overview
- 8.7.4 UAE Market Overview
- 8.7.5 Egypt Market Overview
- 8.7.6 Nigeria Market Overview
- 8.7.7 South Africa Market Overview

9 SINGLE-PHASE GATE DRIVER ICS MARKET PRODUCTION BY REGION

- 9.1 Global Production of Single-Phase Gate Driver Ics by Region(2020-2025)
- 9.2 Global Single-Phase Gate Driver Ics Revenue Market Share by Region (2020-2025)
- 9.3 Global Single-Phase Gate Driver Ics Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Single-Phase Gate Driver Ics Production
 - 9.4.1 North America Single-Phase Gate Driver Ics Production Growth Rate (2020-2025)
 - 9.4.2 North America Single-Phase Gate Driver Ics Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Single-Phase Gate Driver Ics Production
 - 9.5.1 Europe Single-Phase Gate Driver Ics Production Growth Rate (2020-2025)
 - 9.5.2 Europe Single-Phase Gate Driver Ics Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Single-Phase Gate Driver Ics Production (2020-2025)
 - 9.6.1 Japan Single-Phase Gate Driver Ics Production Growth Rate (2020-2025)
 - 9.6.2 Japan Single-Phase Gate Driver Ics Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Single-Phase Gate Driver Ics Production (2020-2025)
 - 9.7.1 China Single-Phase Gate Driver Ics Production Growth Rate (2020-2025)
 - 9.7.2 China Single-Phase Gate Driver Ics Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Infineon

10.1.1 Infineon Basic Information

10.1.2 Infineon Single-Phase Gate Driver Ics Product Overview

10.1.3 Infineon Single-Phase Gate Driver Ics Product Market Performance

10.1.4 Infineon Business Overview

10.1.5 Infineon SWOT Analysis

10.1.6 Infineon Recent Developments

10.2 TI

10.2.1 TI Basic Information

10.2.2 TI Single-Phase Gate Driver Ics Product Overview

10.2.3 TI Single-Phase Gate Driver Ics Product Market Performance

10.2.4 TI Business Overview

10.2.5 TI SWOT Analysis

10.2.6 TI Recent Developments

10.3 Allegro MicroSystems

10.3.1 Allegro MicroSystems Basic Information

10.3.2 Allegro MicroSystems Single-Phase Gate Driver Ics Product Overview

10.3.3 Allegro MicroSystems Single-Phase Gate Driver Ics Product Market

Performance

10.3.4 Allegro MicroSystems Business Overview

10.3.5 Allegro MicroSystems SWOT Analysis

10.3.6 Allegro MicroSystems Recent Developments

10.4 NXP Semiconductors

10.4.1 NXP Semiconductors Basic Information

10.4.2 NXP Semiconductors Single-Phase Gate Driver Ics Product Overview

10.4.3 NXP Semiconductors Single-Phase Gate Driver Ics Product Market

Performance

10.4.4 NXP Semiconductors Business Overview

10.4.5 NXP Semiconductors Recent Developments

10.5 ON Semiconductor

10.5.1 ON Semiconductor Basic Information

10.5.2 ON Semiconductor Single-Phase Gate Driver Ics Product Overview

10.5.3 ON Semiconductor Single-Phase Gate Driver Ics Product Market Performance

10.5.4 ON Semiconductor Business Overview

10.5.5 ON Semiconductor Recent Developments

10.6 STMicroelectronics

10.6.1 STMicroelectronics Basic Information

- 10.6.2 STMicroelectronics Single-Phase Gate Driver Ics Product Overview
- 10.6.3 STMicroelectronics Single-Phase Gate Driver Ics Product Market Performance
- 10.6.4 STMicroelectronics Business Overview
- 10.6.5 STMicroelectronics Recent Developments
- 10.7 Rohm Semiconductor
 - 10.7.1 Rohm Semiconductor Basic Information
 - 10.7.2 Rohm Semiconductor Single-Phase Gate Driver Ics Product Overview
 - 10.7.3 Rohm Semiconductor Single-Phase Gate Driver Ics Product Market Performance
 - 10.7.4 Rohm Semiconductor Business Overview
 - 10.7.5 Rohm Semiconductor Recent Developments
- 10.8 Microchip Technology
 - 10.8.1 Microchip Technology Basic Information
 - 10.8.2 Microchip Technology Single-Phase Gate Driver Ics Product Overview
 - 10.8.3 Microchip Technology Single-Phase Gate Driver Ics Product Market Performance
 - 10.8.4 Microchip Technology Business Overview
 - 10.8.5 Microchip Technology Recent Developments
- 10.9 Renesas Electronics
 - 10.9.1 Renesas Electronics Basic Information
 - 10.9.2 Renesas Electronics Single-Phase Gate Driver Ics Product Overview
 - 10.9.3 Renesas Electronics Single-Phase Gate Driver Ics Product Market Performance
 - 10.9.4 Renesas Electronics Business Overview
 - 10.9.5 Renesas Electronics Recent Developments
- 10.10 Analog Devices
 - 10.10.1 Analog Devices Basic Information
 - 10.10.2 Analog Devices Single-Phase Gate Driver Ics Product Overview
 - 10.10.3 Analog Devices Single-Phase Gate Driver Ics Product Market Performance
 - 10.10.4 Analog Devices Business Overview
 - 10.10.5 Analog Devices Recent Developments
- 10.11 Diodes
 - 10.11.1 Diodes Basic Information
 - 10.11.2 Diodes Single-Phase Gate Driver Ics Product Overview
 - 10.11.3 Diodes Single-Phase Gate Driver Ics Product Market Performance
 - 10.11.4 Diodes Business Overview
 - 10.11.5 Diodes Recent Developments
- 10.12 Richtek
 - 10.12.1 Richtek Basic Information
 - 10.12.2 Richtek Single-Phase Gate Driver Ics Product Overview

- 10.12.3 Richtek Single-Phase Gate Driver Ics Product Market Performance
- 10.12.4 Richtek Business Overview
- 10.12.5 Richtek Recent Developments
- 10.13 NOVOSENSE
 - 10.13.1 NOVOSENSE Basic Information
 - 10.13.2 NOVOSENSE Single-Phase Gate Driver Ics Product Overview
 - 10.13.3 NOVOSENSE Single-Phase Gate Driver Ics Product Market Performance
 - 10.13.4 NOVOSENSE Business Overview
 - 10.13.5 NOVOSENSE Recent Developments
- 10.14 Sillumin
 - 10.14.1 Sillumin Basic Information
 - 10.14.2 Sillumin Single-Phase Gate Driver Ics Product Overview
 - 10.14.3 Sillumin Single-Phase Gate Driver Ics Product Market Performance
 - 10.14.4 Sillumin Business Overview
 - 10.14.5 Sillumin Recent Developments

11 SINGLE-PHASE GATE DRIVER ICS MARKET FORECAST BY REGION

- 11.1 Global Single-Phase Gate Driver Ics Market Size Forecast
- 11.2 Global Single-Phase Gate Driver Ics Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Single-Phase Gate Driver Ics Market Size Forecast by Country
 - 11.2.3 Asia Pacific Single-Phase Gate Driver Ics Market Size Forecast by Region
 - 11.2.4 South America Single-Phase Gate Driver Ics Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of Single-Phase Gate Driver Ics by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

- 12.1 Global Single-Phase Gate Driver Ics Market Forecast by Type (2026-2033)
 - 12.1.1 Global Forecasted Sales of Single-Phase Gate Driver Ics by Type (2026-2033)
 - 12.1.2 Global Single-Phase Gate Driver Ics Market Size Forecast by Type (2026-2033)
 - 12.1.3 Global Forecasted Price of Single-Phase Gate Driver Ics by Type (2026-2033)
- 12.2 Global Single-Phase Gate Driver Ics Market Forecast by Application (2026-2033)
 - 12.2.1 Global Single-Phase Gate Driver Ics Sales (K Units) Forecast by Application
 - 12.2.2 Global Single-Phase Gate Driver Ics Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List of Tables

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Single-Phase Gate Driver Ics Market Size Comparison by Region (M USD)

Table 5. Global Single-Phase Gate Driver Ics Sales (K Units) by Manufacturers
(2020-2025)

Table 6. Global Single-Phase Gate Driver Ics Sales Market Share by Manufacturers
(2020-2025)

Table 7. Global Single-Phase Gate Driver Ics Revenue (M USD) by Manufacturers
(2020-2025)

Table 8. Global Single-Phase Gate Driver Ics Revenue Share by Manufacturers
(2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Single-Phase Gate Driver Ics as of 2024)

Table 10. Global Market Single-Phase Gate Driver Ics Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 11. Manufacturers Single-Phase Gate Driver Ics Manufacturing Sites and Area Served

Table 12. Manufacturers Single-Phase Gate Driver Ics Product Type

Table 13. Global Single-Phase Gate Driver Ics Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Single-Phase Gate Driver Ics Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. Global Single-Phase Gate Driver Ics Sales by Type (K Units)

Table 25. Global Single-Phase Gate Driver Ics Market Size by Type (M USD)

Table 26. Global Single-Phase Gate Driver Ics Sales (K Units) by Type (2020-2025)

Table 27. Global Single-Phase Gate Driver Ics Sales Market Share by Type
(2020-2025)

Table 28. Global Single-Phase Gate Driver Ics Market Size (M USD) by Type
(2020-2025)

Table 29. Global Single-Phase Gate Driver Ics Market Size Share by Type (2020-2025)
Table 30. Global Single-Phase Gate Driver Ics Price (USD/Unit) by Type (2020-2025)
Table 31. Global Single-Phase Gate Driver Ics Sales (K Units) by Application
Table 32. Global Single-Phase Gate Driver Ics Market Size by Application
Table 33. Global Single-Phase Gate Driver Ics Sales by Application (2020-2025) & (K Units)
Table 34. Global Single-Phase Gate Driver Ics Sales Market Share by Application (2020-2025)
Table 35. Global Single-Phase Gate Driver Ics Market Size by Application (2020-2025) & (M USD)
Table 36. Global Single-Phase Gate Driver Ics Market Share by Application (2020-2025)
Table 37. Global Single-Phase Gate Driver Ics Sales Growth Rate by Application (2020-2025)
Table 38. Global Single-Phase Gate Driver Ics Sales by Region (2020-2025) & (K Units)
Table 39. Global Single-Phase Gate Driver Ics Sales Market Share by Region (2020-2025)
Table 40. Global Single-Phase Gate Driver Ics Market Size by Region (2020-2025) & (M USD)
Table 41. Global Single-Phase Gate Driver Ics Market Size Market Share by Region (2020-2025)
Table 42. North America Single-Phase Gate Driver Ics Sales by Country (2020-2025) & (K Units)
Table 43. North America Single-Phase Gate Driver Ics Market Size by Country (2020-2025) & (M USD)
Table 44. Europe Single-Phase Gate Driver Ics Sales by Country (2020-2025) & (K Units)
Table 45. Europe Single-Phase Gate Driver Ics Market Size by Country (2020-2025) & (M USD)
Table 46. Asia Pacific Single-Phase Gate Driver Ics Sales by Region (2020-2025) & (K Units)
Table 47. Asia Pacific Single-Phase Gate Driver Ics Market Size by Region (2020-2025) & (M USD)
Table 48. South America Single-Phase Gate Driver Ics Sales by Country (2020-2025) & (K Units)
Table 49. South America Single-Phase Gate Driver Ics Market Size by Country (2020-2025) & (M USD)
Table 50. Middle East and Africa Single-Phase Gate Driver Ics Sales by Region (2020-2025) & (K Units)

Table 51. Middle East and Africa Single-Phase Gate Driver Ics Market Size by Region (2020-2025) & (M USD)

Table 52. Global Single-Phase Gate Driver Ics Production (K Units) by Region(2020-2025)

Table 53. Global Single-Phase Gate Driver Ics Revenue (US\$ Million) by Region (2020-2025)

Table 54. Global Single-Phase Gate Driver Ics Revenue Market Share by Region (2020-2025)

Table 55. Global Single-Phase Gate Driver Ics Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 56. North America Single-Phase Gate Driver Ics Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 57. Europe Single-Phase Gate Driver Ics Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. Japan Single-Phase Gate Driver Ics Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. China Single-Phase Gate Driver Ics Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Infineon Basic Information

Table 61. Infineon Single-Phase Gate Driver Ics Product Overview

Table 62. Infineon Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 63. Infineon Business Overview

Table 64. Infineon SWOT Analysis

Table 65. Infineon Recent Developments

Table 66. TI Basic Information

Table 67. TI Single-Phase Gate Driver Ics Product Overview

Table 68. TI Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 69. TI Business Overview

Table 70. TI SWOT Analysis

Table 71. TI Recent Developments

Table 72. Allegro MicroSystems Basic Information

Table 73. Allegro MicroSystems Single-Phase Gate Driver Ics Product Overview

Table 74. Allegro MicroSystems Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 75. Allegro MicroSystems Business Overview

Table 76. Allegro MicroSystems SWOT Analysis

Table 77. Allegro MicroSystems Recent Developments

Table 78. NXP Semiconductors Basic Information
Table 79. NXP Semiconductors Single-Phase Gate Driver Ics Product Overview
Table 80. NXP Semiconductors Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 81. NXP Semiconductors Business Overview
Table 82. NXP Semiconductors Recent Developments
Table 83. ON Semiconductor Basic Information
Table 84. ON Semiconductor Single-Phase Gate Driver Ics Product Overview
Table 85. ON Semiconductor Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 86. ON Semiconductor Business Overview
Table 87. ON Semiconductor Recent Developments
Table 88. STMicroelectronics Basic Information
Table 89. STMicroelectronics Single-Phase Gate Driver Ics Product Overview
Table 90. STMicroelectronics Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 91. STMicroelectronics Business Overview
Table 92. STMicroelectronics Recent Developments
Table 93. Rohm Semiconductor Basic Information
Table 94. Rohm Semiconductor Single-Phase Gate Driver Ics Product Overview
Table 95. Rohm Semiconductor Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 96. Rohm Semiconductor Business Overview
Table 97. Rohm Semiconductor Recent Developments
Table 98. Microchip Technology Basic Information
Table 99. Microchip Technology Single-Phase Gate Driver Ics Product Overview
Table 100. Microchip Technology Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 101. Microchip Technology Business Overview
Table 102. Microchip Technology Recent Developments
Table 103. Renesas Electronics Basic Information
Table 104. Renesas Electronics Single-Phase Gate Driver Ics Product Overview
Table 105. Renesas Electronics Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 106. Renesas Electronics Business Overview
Table 107. Renesas Electronics Recent Developments
Table 108. Analog Devices Basic Information
Table 109. Analog Devices Single-Phase Gate Driver Ics Product Overview
Table 110. Analog Devices Single-Phase Gate Driver Ics Sales (K Units), Revenue (M

USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 111. Analog Devices Business Overview

Table 112. Analog Devices Recent Developments

Table 113. Diodes Basic Information

Table 114. Diodes Single-Phase Gate Driver Ics Product Overview

Table 115. Diodes Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 116. Diodes Business Overview

Table 117. Diodes Recent Developments

Table 118. Richtek Basic Information

Table 119. Richtek Single-Phase Gate Driver Ics Product Overview

Table 120. Richtek Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 121. Richtek Business Overview

Table 122. Richtek Recent Developments

Table 123. NOVOSENSE Basic Information

Table 124. NOVOSENSE Single-Phase Gate Driver Ics Product Overview

Table 125. NOVOSENSE Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 126. NOVOSENSE Business Overview

Table 127. NOVOSENSE Recent Developments

Table 128. Sillumin Basic Information

Table 129. Sillumin Single-Phase Gate Driver Ics Product Overview

Table 130. Sillumin Single-Phase Gate Driver Ics Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 131. Sillumin Business Overview

Table 132. Sillumin Recent Developments

Table 133. Global Single-Phase Gate Driver Ics Sales Forecast by Region (2026-2033) & (K Units)

Table 134. Global Single-Phase Gate Driver Ics Market Size Forecast by Region (2026-2033) & (M USD)

Table 135. North America Single-Phase Gate Driver Ics Sales Forecast by Country (2026-2033) & (K Units)

Table 136. North America Single-Phase Gate Driver Ics Market Size Forecast by Country (2026-2033) & (M USD)

Table 137. Europe Single-Phase Gate Driver Ics Sales Forecast by Country (2026-2033) & (K Units)

Table 138. Europe Single-Phase Gate Driver Ics Market Size Forecast by Country (2026-2033) & (M USD)

Table 139. Asia Pacific Single-Phase Gate Driver Ics Sales Forecast by Region (2026-2033) & (K Units)

Table 140. Asia Pacific Single-Phase Gate Driver Ics Market Size Forecast by Region (2026-2033) & (M USD)

Table 141. South America Single-Phase Gate Driver Ics Sales Forecast by Country (2026-2033) & (K Units)

Table 142. South America Single-Phase Gate Driver Ics Market Size Forecast by Country (2026-2033) & (M USD)

Table 143. Middle East and Africa Single-Phase Gate Driver Ics Sales Forecast by Country (2026-2033) & (Units)

Table 144. Middle East and Africa Single-Phase Gate Driver Ics Market Size Forecast by Country (2026-2033) & (M USD)

Table 145. Global Single-Phase Gate Driver Ics Sales Forecast by Type (2026-2033) & (K Units)

Table 146. Global Single-Phase Gate Driver Ics Market Size Forecast by Type (2026-2033) & (M USD)

Table 147. Global Single-Phase Gate Driver Ics Price Forecast by Type (2026-2033) & (USD/Unit)

Table 148. Global Single-Phase Gate Driver Ics Sales (K Units) Forecast by Application (2026-2033)

Table 149. Global Single-Phase Gate Driver Ics Market Size Forecast by Application (2026-2033) & (M USD)

List of Figures

Figure 1. Product Picture of Single-Phase Gate Driver Ics

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Single-Phase Gate Driver Ics Market Size (M USD), 2024-2033

Figure 5. Global Single-Phase Gate Driver Ics Market Size (M USD) (2020-2033)

Figure 6. Global Single-Phase Gate Driver Ics Sales (K Units) & (2020-2033)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Single-Phase Gate Driver Ics Market Size by Country (M USD)

Figure 11. Company Assessment Quadrant

Figure 12. Global Single-Phase Gate Driver Ics Product Life Cycle

Figure 13. Single-Phase Gate Driver Ics Sales Share by Manufacturers in 2024

Figure 14. Global Single-Phase Gate Driver Ics Revenue Share by Manufacturers in 2024

Figure 15. Single-Phase Gate Driver Ics Market Share by Company Type (Tier 1, Tier 2)

and Tier 3): 2024

Figure 16. Global Market Single-Phase Gate Driver Ics Average Price (USD/Unit) of Key Manufacturers in 2024

Figure 17. The Global 5 and 10 Largest Players: Market Share by Single-Phase Gate Driver Ics Revenue in 2024

Figure 18. Industry Chain Map of Single-Phase Gate Driver Ics

Figure 19. Global Single-Phase Gate Driver Ics Market PEST Analysis

Figure 20. Global Single-Phase Gate Driver Ics Market Porter's Five Forces Analysis

Figure 21. Global Merchandise Trade as a Percentage Of GDP

Figure 22. US - Imports of Goods by Country

Figure 23. China Exports by Country

Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers

Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 26. Global Single-Phase Gate Driver Ics Market Share by Type

Figure 27. Sales Market Share of Single-Phase Gate Driver Ics by Type (2020-2025)

Figure 28. Sales Market Share of Single-Phase Gate Driver Ics by Type in 2024

Figure 29. Market Size Share of Single-Phase Gate Driver Ics by Type (2020-2025)

Figure 30. Market Size Share of Single-Phase Gate Driver Ics by Type in 2024

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Single-Phase Gate Driver Ics Market Share by Application

Figure 33. Global Single-Phase Gate Driver Ics Sales Market Share by Application (2020-2025)

Figure 34. Global Single-Phase Gate Driver Ics Sales Market Share by Application in 2024

Figure 35. Global Single-Phase Gate Driver Ics Market Share by Application (2020-2025)

Figure 36. Global Single-Phase Gate Driver Ics Market Share by Application in 2024

Figure 37. Global Single-Phase Gate Driver Ics Sales Growth Rate by Application (2020-2025)

Figure 38. Global Single-Phase Gate Driver Ics Sales Market Share by Region (2020-2025)

Figure 39. Global Single-Phase Gate Driver Ics Market Size Market Share by Region (2020-2025)

Figure 40. North America Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Single-Phase Gate Driver Ics Sales Market Share by Country in 2024

Figure 43. North America Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Single-Phase Gate Driver Ics Market Size Market Share by Country in 2024

Figure 45. U.S. Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Single-Phase Gate Driver Ics Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Single-Phase Gate Driver Ics Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Single-Phase Gate Driver Ics Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Single-Phase Gate Driver Ics Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Single-Phase Gate Driver Ics Sales Market Share by Country in 2024

Figure 53. Europe Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Single-Phase Gate Driver Ics Market Size Market Share by Country in 2024

Figure 55. Germany Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Single-Phase Gate Driver Ics Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Single-Phase Gate Driver Ics Sales Market Share by Region in 2024

Figure 67. Asia Pacific Single-Phase Gate Driver Ics Market Size Market Share by Region in 2024

Figure 68. China Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Single-Phase Gate Driver Ics Sales and Growth Rate (K Units)

Figure 79. South America Single-Phase Gate Driver Ics Sales Market Share by Country in 2024

Figure 80. South America Single-Phase Gate Driver Ics Market Size and Growth Rate (M USD)

Figure 81. South America Single-Phase Gate Driver Ics Market Size Market Share by Country in 2024

Figure 82. Brazil Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Single-Phase Gate Driver Ics Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Single-Phase Gate Driver Ics Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Single-Phase Gate Driver Ics Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Single-Phase Gate Driver Ics Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Single-Phase Gate Driver Ics Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Single-Phase Gate Driver Ics Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Single-Phase Gate Driver Ics Production Market Share by Region

(2020-2025)

Figure 103. North America Single-Phase Gate Driver Ics Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Single-Phase Gate Driver Ics Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Single-Phase Gate Driver Ics Production (K Units) Growth Rate (2020-2025)

Figure 106. China Single-Phase Gate Driver Ics Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Single-Phase Gate Driver Ics Sales Forecast by Volume (2020-2033) & (K Units)

Figure 108. Global Single-Phase Gate Driver Ics Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Single-Phase Gate Driver Ics Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Single-Phase Gate Driver Ics Market Share Forecast by Type (2026-2033)

Figure 111. Global Single-Phase Gate Driver Ics Sales Forecast by Application (2026-2033)

Figure 112. Global Single-Phase Gate Driver Ics Market Share Forecast by Application (2026-2033)

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