

Global Single-Channel Isolated Gate Driver ICs Market Growth 2024-2030

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Abstracts

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A single-channel isolated gate driver IC is a specialized integrated circuit designed to drive the gate of a power semiconductor device (such as a MOSFET or IGBT) while providing electrical isolation between the input (control side) and the output (power side). These gate driver ICs are essential for safely and efficiently controlling power switches in various applications, especially in high-voltage and high-power environments.

The global Single-Channel Isolated Gate Driver ICs market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Single-Channel Isolated Gate Driver ICs Industry Forecast" looks at past sales and reviews total world Single-Channel Isolated Gate Driver ICs sales in 2023, providing a comprehensive analysis by region and market sector of projected Single-Channel Isolated Gate Driver ICs sales for 2024 through 2030. With Single-Channel Isolated Gate Driver ICs sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Single-Channel Isolated Gate Driver ICs industry.

This Insight Report provides a comprehensive analysis of the global Single-Channel Isolated Gate Driver ICs landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Single-Channel Isolated Gate Driver ICs portfolios and capabilities, market

entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Single-Channel Isolated Gate Driver ICs market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Single-Channel Isolated Gate Driver ICs and breaks down the forecast by Isolation Voltage(kVrms), by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Single-Channel Isolated Gate Driver ICs.

United States market for Single-Channel Isolated Gate Driver ICs is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Single-Channel Isolated Gate Driver ICs is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Single-Channel Isolated Gate Driver ICs is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Single-Channel Isolated Gate Driver ICs players cover Infineon, TI, Allegro MicroSystems, NXP Semiconductors, ON Semiconductor, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Single-Channel Isolated Gate Driver ICs market by product type, application, key manufacturers and key regions and countries.

Segmentation by Isolation Voltage(kVrms):

3 Below

3-5

5 Above

Segmentation by Application:

Automotive

Industrial

Consumer Electronics

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Infineon

TI

Allegro MicroSystems

NXP Semiconductors

ON Semiconductor

STMicroelectronics

Rohm Semiconductor

Microchip Technology

Renesas Electronics

Analog Devices

Diodes

Richtek

NOVOSENSE

Sillumini

Key Questions Addressed in this Report

What is the 10-year outlook for the global Single-Channel Isolated Gate Driver ICs market?

What factors are driving Single-Channel Isolated Gate Driver ICs market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Single-Channel Isolated Gate Driver ICs market opportunities vary by end market size?

How does Single-Channel Isolated Gate Driver ICs break out by Isolation Voltage(kVrms), by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Single-Channel Isolated Gate Driver ICs Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Single-Channel Isolated Gate Driver ICs by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Single-Channel Isolated Gate Driver ICs by Country/Region, 2019, 2023 & 2030

2.2 Single-Channel Isolated Gate Driver ICs Segment by Isolation Voltage(kVrms)

- 2.2.1 3 Below
- 2.2.2 3-5
- 2.2.3 5 Above

2.3 Single-Channel Isolated Gate Driver ICs Sales by Isolation Voltage(kVrms)

- 2.3.1 Global Single-Channel Isolated Gate Driver ICs Sales Market Share by Isolation Voltage(kVrms) (2019-2024)
- 2.3.2 Global Single-Channel Isolated Gate Driver ICs Revenue and Market Share by Isolation Voltage(kVrms) (2019-2024)
- 2.3.3 Global Single-Channel Isolated Gate Driver ICs Sale Price by Isolation Voltage(kVrms) (2019-2024)

2.4 Single-Channel Isolated Gate Driver ICs Segment by Application

- 2.4.1 Automotive
- 2.4.2 Industrial
- 2.4.3 Consumer Electronics
- 2.4.4 Others

2.5 Single-Channel Isolated Gate Driver ICs Sales by Application

- 2.5.1 Global Single-Channel Isolated Gate Driver ICs Sale Market Share by

Application (2019-2024)

2.5.2 Global Single-Channel Isolated Gate Driver ICs Revenue and Market Share by Application (2019-2024)

2.5.3 Global Single-Channel Isolated Gate Driver ICs Sale Price by Application (2019-2024)

3 GLOBAL BY COMPANY

3.1 Global Single-Channel Isolated Gate Driver ICs Breakdown Data by Company

3.1.1 Global Single-Channel Isolated Gate Driver ICs Annual Sales by Company (2019-2024)

3.1.2 Global Single-Channel Isolated Gate Driver ICs Sales Market Share by Company (2019-2024)

3.2 Global Single-Channel Isolated Gate Driver ICs Annual Revenue by Company (2019-2024)

3.2.1 Global Single-Channel Isolated Gate Driver ICs Revenue by Company (2019-2024)

3.2.2 Global Single-Channel Isolated Gate Driver ICs Revenue Market Share by Company (2019-2024)

3.3 Global Single-Channel Isolated Gate Driver ICs Sale Price by Company

3.4 Key Manufacturers Single-Channel Isolated Gate Driver ICs Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Single-Channel Isolated Gate Driver ICs Product Location Distribution

3.4.2 Players Single-Channel Isolated Gate Driver ICs Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SINGLE-CHANNEL ISOLATED GATE DRIVER ICS BY GEOGRAPHIC REGION

4.1 World Historic Single-Channel Isolated Gate Driver ICs Market Size by Geographic Region (2019-2024)

4.1.1 Global Single-Channel Isolated Gate Driver ICs Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Single-Channel Isolated Gate Driver ICs Annual Revenue by Geographic

Region (2019-2024)

4.2 World Historic Single-Channel Isolated Gate Driver ICs Market Size by Country/Region (2019-2024)

4.2.1 Global Single-Channel Isolated Gate Driver ICs Annual Sales by Country/Region (2019-2024)

4.2.2 Global Single-Channel Isolated Gate Driver ICs Annual Revenue by Country/Region (2019-2024)

4.3 Americas Single-Channel Isolated Gate Driver ICs Sales Growth

4.4 APAC Single-Channel Isolated Gate Driver ICs Sales Growth

4.5 Europe Single-Channel Isolated Gate Driver ICs Sales Growth

4.6 Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales Growth

5 AMERICAS

5.1 Americas Single-Channel Isolated Gate Driver ICs Sales by Country

5.1.1 Americas Single-Channel Isolated Gate Driver ICs Sales by Country (2019-2024)

5.1.2 Americas Single-Channel Isolated Gate Driver ICs Revenue by Country (2019-2024)

5.2 Americas Single-Channel Isolated Gate Driver ICs Sales by Isolation Voltage(kVrms) (2019-2024)

5.3 Americas Single-Channel Isolated Gate Driver ICs Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Single-Channel Isolated Gate Driver ICs Sales by Region

6.1.1 APAC Single-Channel Isolated Gate Driver ICs Sales by Region (2019-2024)

6.1.2 APAC Single-Channel Isolated Gate Driver ICs Revenue by Region (2019-2024)

6.2 APAC Single-Channel Isolated Gate Driver ICs Sales by Isolation Voltage(kVrms) (2019-2024)

6.3 APAC Single-Channel Isolated Gate Driver ICs Sales by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Single-Channel Isolated Gate Driver ICs by Country

7.1.1 Europe Single-Channel Isolated Gate Driver ICs Sales by Country (2019-2024)

7.1.2 Europe Single-Channel Isolated Gate Driver ICs Revenue by Country
(2019-2024)

7.2 Europe Single-Channel Isolated Gate Driver ICs Sales by Isolation Voltage(kVrms)
(2019-2024)

7.3 Europe Single-Channel Isolated Gate Driver ICs Sales by Application (2019-2024)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Single-Channel Isolated Gate Driver ICs by Country

8.1.1 Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales by Country
(2019-2024)

8.1.2 Middle East & Africa Single-Channel Isolated Gate Driver ICs Revenue by
Country (2019-2024)

8.2 Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales by Isolation
Voltage(kVrms) (2019-2024)

8.3 Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales by Application
(2019-2024)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Single-Channel Isolated Gate Driver ICs

10.3 Manufacturing Process Analysis of Single-Channel Isolated Gate Driver ICs

10.4 Industry Chain Structure of Single-Channel Isolated Gate Driver ICs

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Single-Channel Isolated Gate Driver ICs Distributors

11.3 Single-Channel Isolated Gate Driver ICs Customer

12 WORLD FORECAST REVIEW FOR SINGLE-CHANNEL ISOLATED GATE DRIVER ICs BY GEOGRAPHIC REGION

12.1 Global Single-Channel Isolated Gate Driver ICs Market Size Forecast by Region

12.1.1 Global Single-Channel Isolated Gate Driver ICs Forecast by Region (2025-2030)

12.1.2 Global Single-Channel Isolated Gate Driver ICs Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country (2025-2030)

12.3 APAC Forecast by Region (2025-2030)

12.4 Europe Forecast by Country (2025-2030)

12.5 Middle East & Africa Forecast by Country (2025-2030)

12.6 Global Single-Channel Isolated Gate Driver ICs Forecast by Isolation Voltage(kVrms) (2025-2030)

12.7 Global Single-Channel Isolated Gate Driver ICs Forecast by Application (2025-2030)

13 KEY PLAYERS ANALYSIS

13.1 Infineon

13.1.1 Infineon Company Information

13.1.2 Infineon Single-Channel Isolated Gate Driver ICs Product Portfolios and

Specifications

13.1.3 Infineon Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Infineon Main Business Overview

13.1.5 Infineon Latest Developments

13.2 TI

13.2.1 TI Company Information

13.2.2 TI Single-Channel Isolated Gate Driver ICs Product Portfolios and

Specifications

13.2.3 TI Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 TI Main Business Overview

13.2.5 TI Latest Developments

13.3 Allegro MicroSystems

13.3.1 Allegro MicroSystems Company Information

13.3.2 Allegro MicroSystems Single-Channel Isolated Gate Driver ICs Product

Portfolios and Specifications

13.3.3 Allegro MicroSystems Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Allegro MicroSystems Main Business Overview

13.3.5 Allegro MicroSystems Latest Developments

13.4 NXP Semiconductors

13.4.1 NXP Semiconductors Company Information

13.4.2 NXP Semiconductors Single-Channel Isolated Gate Driver ICs Product

Portfolios and Specifications

13.4.3 NXP Semiconductors Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 NXP Semiconductors Main Business Overview

13.4.5 NXP Semiconductors Latest Developments

13.5 ON Semiconductor

13.5.1 ON Semiconductor Company Information

13.5.2 ON Semiconductor Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

13.5.3 ON Semiconductor Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 ON Semiconductor Main Business Overview

13.5.5 ON Semiconductor Latest Developments

13.6 STMicroelectronics

13.6.1 STMicroelectronics Company Information

- 13.6.2 STMicroelectronics Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications
 - 13.6.3 STMicroelectronics Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.6.4 STMicroelectronics Main Business Overview
 - 13.6.5 STMicroelectronics Latest Developments
- 13.7 Rohm Semiconductor
 - 13.7.1 Rohm Semiconductor Company Information
 - 13.7.2 Rohm Semiconductor Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications
 - 13.7.3 Rohm Semiconductor Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.7.4 Rohm Semiconductor Main Business Overview
 - 13.7.5 Rohm Semiconductor Latest Developments
- 13.8 Microchip Technology
 - 13.8.1 Microchip Technology Company Information
 - 13.8.2 Microchip Technology Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications
 - 13.8.3 Microchip Technology Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.8.4 Microchip Technology Main Business Overview
 - 13.8.5 Microchip Technology Latest Developments
- 13.9 Renesas Electronics
 - 13.9.1 Renesas Electronics Company Information
 - 13.9.2 Renesas Electronics Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications
 - 13.9.3 Renesas Electronics Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.9.4 Renesas Electronics Main Business Overview
 - 13.9.5 Renesas Electronics Latest Developments
- 13.10 Analog Devices
 - 13.10.1 Analog Devices Company Information
 - 13.10.2 Analog Devices Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications
 - 13.10.3 Analog Devices Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.10.4 Analog Devices Main Business Overview
 - 13.10.5 Analog Devices Latest Developments
- 13.11 Diodes

- 13.11.1 Diodes Company Information
- 13.11.2 Diodes Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications
- 13.11.3 Diodes Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.11.4 Diodes Main Business Overview
- 13.11.5 Diodes Latest Developments
- 13.12 Richtek
 - 13.12.1 Richtek Company Information
 - 13.12.2 Richtek Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications
 - 13.12.3 Richtek Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.12.4 Richtek Main Business Overview
 - 13.12.5 Richtek Latest Developments
- 13.13 NOVOSENSE
 - 13.13.1 NOVOSENSE Company Information
 - 13.13.2 NOVOSENSE Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications
 - 13.13.3 NOVOSENSE Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.13.4 NOVOSENSE Main Business Overview
 - 13.13.5 NOVOSENSE Latest Developments
- 13.14 Sillumini
 - 13.14.1 Sillumini Company Information
 - 13.14.2 Sillumini Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications
 - 13.14.3 Sillumini Single-Channel Isolated Gate Driver ICs Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.14.4 Sillumini Main Business Overview
 - 13.14.5 Sillumini Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Single-Channel Isolated Gate Driver ICs Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Single-Channel Isolated Gate Driver ICs Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of 3 Below

Table 4. Major Players of 3-5

Table 5. Major Players of 5 Above

Table 6. Global Single-Channel Isolated Gate Driver ICs Sales by Isolation Voltage(kVrms) (2019-2024) & (K Units)

Table 7. Global Single-Channel Isolated Gate Driver ICs Sales Market Share by Isolation Voltage(kVrms) (2019-2024)

Table 8. Global Single-Channel Isolated Gate Driver ICs Revenue by Isolation Voltage(kVrms) (2019-2024) & (\$ million)

Table 9. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share by Isolation Voltage(kVrms) (2019-2024)

Table 10. Global Single-Channel Isolated Gate Driver ICs Sale Price by Isolation Voltage(kVrms) (2019-2024) & (US\$/Unit)

Table 11. Global Single-Channel Isolated Gate Driver ICs Sale by Application (2019-2024) & (K Units)

Table 12. Global Single-Channel Isolated Gate Driver ICs Sale Market Share by Application (2019-2024)

Table 13. Global Single-Channel Isolated Gate Driver ICs Revenue by Application (2019-2024) & (\$ million)

Table 14. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share by Application (2019-2024)

Table 15. Global Single-Channel Isolated Gate Driver ICs Sale Price by Application (2019-2024) & (US\$/Unit)

Table 16. Global Single-Channel Isolated Gate Driver ICs Sales by Company (2019-2024) & (K Units)

Table 17. Global Single-Channel Isolated Gate Driver ICs Sales Market Share by Company (2019-2024)

Table 18. Global Single-Channel Isolated Gate Driver ICs Revenue by Company (2019-2024) & (\$ millions)

Table 19. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share by Company (2019-2024)

Table 20. Global Single-Channel Isolated Gate Driver ICs Sale Price by Company (2019-2024) & (US\$/Unit)

Table 21. Key Manufacturers Single-Channel Isolated Gate Driver ICs Producing Area Distribution and Sales Area

Table 22. Players Single-Channel Isolated Gate Driver ICs Products Offered

Table 23. Single-Channel Isolated Gate Driver ICs Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Single-Channel Isolated Gate Driver ICs Sales by Geographic Region (2019-2024) & (K Units)

Table 27. Global Single-Channel Isolated Gate Driver ICs Sales Market Share Geographic Region (2019-2024)

Table 28. Global Single-Channel Isolated Gate Driver ICs Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 29. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share by Geographic Region (2019-2024)

Table 30. Global Single-Channel Isolated Gate Driver ICs Sales by Country/Region (2019-2024) & (K Units)

Table 31. Global Single-Channel Isolated Gate Driver ICs Sales Market Share by Country/Region (2019-2024)

Table 32. Global Single-Channel Isolated Gate Driver ICs Revenue by Country/Region (2019-2024) & (\$ millions)

Table 33. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share by Country/Region (2019-2024)

Table 34. Americas Single-Channel Isolated Gate Driver ICs Sales by Country (2019-2024) & (K Units)

Table 35. Americas Single-Channel Isolated Gate Driver ICs Sales Market Share by Country (2019-2024)

Table 36. Americas Single-Channel Isolated Gate Driver ICs Revenue by Country (2019-2024) & (\$ millions)

Table 37. Americas Single-Channel Isolated Gate Driver ICs Sales by Isolation Voltage(kVrms) (2019-2024) & (K Units)

Table 38. Americas Single-Channel Isolated Gate Driver ICs Sales by Application (2019-2024) & (K Units)

Table 39. APAC Single-Channel Isolated Gate Driver ICs Sales by Region (2019-2024) & (K Units)

Table 40. APAC Single-Channel Isolated Gate Driver ICs Sales Market Share by Region (2019-2024)

Table 41. APAC Single-Channel Isolated Gate Driver ICs Revenue by Region (2019-2024) & (\$ millions)

Table 42. APAC Single-Channel Isolated Gate Driver ICs Sales by Isolation Voltage(kVrms) (2019-2024) & (K Units)

Table 43. APAC Single-Channel Isolated Gate Driver ICs Sales by Application (2019-2024) & (K Units)

Table 44. Europe Single-Channel Isolated Gate Driver ICs Sales by Country (2019-2024) & (K Units)

Table 45. Europe Single-Channel Isolated Gate Driver ICs Revenue by Country (2019-2024) & (\$ millions)

Table 46. Europe Single-Channel Isolated Gate Driver ICs Sales by Isolation Voltage(kVrms) (2019-2024) & (K Units)

Table 47. Europe Single-Channel Isolated Gate Driver ICs Sales by Application (2019-2024) & (K Units)

Table 48. Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales by Country (2019-2024) & (K Units)

Table 49. Middle East & Africa Single-Channel Isolated Gate Driver ICs Revenue Market Share by Country (2019-2024)

Table 50. Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales by Isolation Voltage(kVrms) (2019-2024) & (K Units)

Table 51. Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales by Application (2019-2024) & (K Units)

Table 52. Key Market Drivers & Growth Opportunities of Single-Channel Isolated Gate Driver ICs

Table 53. Key Market Challenges & Risks of Single-Channel Isolated Gate Driver ICs

Table 54. Key Industry Trends of Single-Channel Isolated Gate Driver ICs

Table 55. Single-Channel Isolated Gate Driver ICs Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Single-Channel Isolated Gate Driver ICs Distributors List

Table 58. Single-Channel Isolated Gate Driver ICs Customer List

Table 59. Global Single-Channel Isolated Gate Driver ICs Sales Forecast by Region (2025-2030) & (K Units)

Table 60. Global Single-Channel Isolated Gate Driver ICs Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 61. Americas Single-Channel Isolated Gate Driver ICs Sales Forecast by Country (2025-2030) & (K Units)

Table 62. Americas Single-Channel Isolated Gate Driver ICs Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 63. APAC Single-Channel Isolated Gate Driver ICs Sales Forecast by Region

(2025-2030) & (K Units)

Table 64. APAC Single-Channel Isolated Gate Driver ICs Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 65. Europe Single-Channel Isolated Gate Driver ICs Sales Forecast by Country (2025-2030) & (K Units)

Table 66. Europe Single-Channel Isolated Gate Driver ICs Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 67. Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales Forecast by Country (2025-2030) & (K Units)

Table 68. Middle East & Africa Single-Channel Isolated Gate Driver ICs Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 69. Global Single-Channel Isolated Gate Driver ICs Sales Forecast by Isolation Voltage(kVrms) (2025-2030) & (K Units)

Table 70. Global Single-Channel Isolated Gate Driver ICs Revenue Forecast by Isolation Voltage(kVrms) (2025-2030) & (\$ millions)

Table 71. Global Single-Channel Isolated Gate Driver ICs Sales Forecast by Application (2025-2030) & (K Units)

Table 72. Global Single-Channel Isolated Gate Driver ICs Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 73. Infineon Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 74. Infineon Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 75. Infineon Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 76. Infineon Main Business

Table 77. Infineon Latest Developments

Table 78. TI Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 79. TI Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 80. TI Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 81. TI Main Business

Table 82. TI Latest Developments

Table 83. Allegro MicroSystems Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 84. Allegro MicroSystems Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 85. Allegro MicroSystems Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 86. Allegro MicroSystems Main Business

Table 87. Allegro MicroSystems Latest Developments

Table 88. NXP Semiconductors Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 89. NXP Semiconductors Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 90. NXP Semiconductors Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 91. NXP Semiconductors Main Business

Table 92. NXP Semiconductors Latest Developments

Table 93. ON Semiconductor Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 94. ON Semiconductor Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 95. ON Semiconductor Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 96. ON Semiconductor Main Business

Table 97. ON Semiconductor Latest Developments

Table 98. STMicroelectronics Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 99. STMicroelectronics Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 100. STMicroelectronics Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 101. STMicroelectronics Main Business

Table 102. STMicroelectronics Latest Developments

Table 103. Rohm Semiconductor Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 104. Rohm Semiconductor Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 105. Rohm Semiconductor Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 106. Rohm Semiconductor Main Business

Table 107. Rohm Semiconductor Latest Developments

Table 108. Microchip Technology Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 109. Microchip Technology Single-Channel Isolated Gate Driver ICs Product

Portfolios and Specifications

Table 110. Microchip Technology Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 111. Microchip Technology Main Business

Table 112. Microchip Technology Latest Developments

Table 113. Renesas Electronics Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 114. Renesas Electronics Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 115. Renesas Electronics Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 116. Renesas Electronics Main Business

Table 117. Renesas Electronics Latest Developments

Table 118. Analog Devices Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 119. Analog Devices Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 120. Analog Devices Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 121. Analog Devices Main Business

Table 122. Analog Devices Latest Developments

Table 123. Diodes Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 124. Diodes Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 125. Diodes Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 126. Diodes Main Business

Table 127. Diodes Latest Developments

Table 128. Richtek Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 129. Richtek Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 130. Richtek Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 131. Richtek Main Business

Table 132. Richtek Latest Developments

Table 133. NOVOSENSE Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 134. NOVOSENSE Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 135. NOVOSENSE Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 136. NOVOSENSE Main Business

Table 137. NOVOSENSE Latest Developments

Table 138. Sillumin Basic Information, Single-Channel Isolated Gate Driver ICs Manufacturing Base, Sales Area and Its Competitors

Table 139. Sillumin Single-Channel Isolated Gate Driver ICs Product Portfolios and Specifications

Table 140. Sillumin Single-Channel Isolated Gate Driver ICs Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 141. Sillumin Main Business

Table 142. Sillumin Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Single-Channel Isolated Gate Driver ICs

Figure 2. Single-Channel Isolated Gate Driver ICs Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Single-Channel Isolated Gate Driver ICs Sales Growth Rate 2019-2030 (K Units)

Figure 7. Global Single-Channel Isolated Gate Driver ICs Revenue Growth Rate 2019-2030 (\$ millions)

Figure 8. Single-Channel Isolated Gate Driver ICs Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Figure 9. Single-Channel Isolated Gate Driver ICs Sales Market Share by Country/Region (2023)

Figure 10. Single-Channel Isolated Gate Driver ICs Sales Market Share by Country/Region (2019, 2023 & 2030)

Figure 11. Product Picture of 3 Below

Figure 12. Product Picture of 3-5

Figure 13. Product Picture of 5 Above

Figure 14. Global Single-Channel Isolated Gate Driver ICs Sales Market Share by Isolation Voltage(kVrms) in 2023

Figure 15. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share by Isolation Voltage(kVrms) (2019-2024)

Figure 16. Single-Channel Isolated Gate Driver ICs Consumed in Automotive

Figure 17. Global Single-Channel Isolated Gate Driver ICs Market: Automotive (2019-2024) & (K Units)

Figure 18. Single-Channel Isolated Gate Driver ICs Consumed in Industrial

Figure 19. Global Single-Channel Isolated Gate Driver ICs Market: Industrial (2019-2024) & (K Units)

Figure 20. Single-Channel Isolated Gate Driver ICs Consumed in Consumer Electronics

Figure 21. Global Single-Channel Isolated Gate Driver ICs Market: Consumer Electronics (2019-2024) & (K Units)

Figure 22. Single-Channel Isolated Gate Driver ICs Consumed in Others

Figure 23. Global Single-Channel Isolated Gate Driver ICs Market: Others (2019-2024) & (K Units)

Figure 24. Global Single-Channel Isolated Gate Driver ICs Sale Market Share by

Application (2023)

Figure 25. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share by Application in 2023

Figure 26. Single-Channel Isolated Gate Driver ICs Sales by Company in 2023 (K Units)

Figure 27. Global Single-Channel Isolated Gate Driver ICs Sales Market Share by Company in 2023

Figure 28. Single-Channel Isolated Gate Driver ICs Revenue by Company in 2023 (\$ millions)

Figure 29. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share by Company in 2023

Figure 30. Global Single-Channel Isolated Gate Driver ICs Sales Market Share by Geographic Region (2019-2024)

Figure 31. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share by Geographic Region in 2023

Figure 32. Americas Single-Channel Isolated Gate Driver ICs Sales 2019-2024 (K Units)

Figure 33. Americas Single-Channel Isolated Gate Driver ICs Revenue 2019-2024 (\$ millions)

Figure 34. APAC Single-Channel Isolated Gate Driver ICs Sales 2019-2024 (K Units)

Figure 35. APAC Single-Channel Isolated Gate Driver ICs Revenue 2019-2024 (\$ millions)

Figure 36. Europe Single-Channel Isolated Gate Driver ICs Sales 2019-2024 (K Units)

Figure 37. Europe Single-Channel Isolated Gate Driver ICs Revenue 2019-2024 (\$ millions)

Figure 38. Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales 2019-2024 (K Units)

Figure 39. Middle East & Africa Single-Channel Isolated Gate Driver ICs Revenue 2019-2024 (\$ millions)

Figure 40. Americas Single-Channel Isolated Gate Driver ICs Sales Market Share by Country in 2023

Figure 41. Americas Single-Channel Isolated Gate Driver ICs Revenue Market Share by Country (2019-2024)

Figure 42. Americas Single-Channel Isolated Gate Driver ICs Sales Market Share by Isolation Voltage(kVrms) (2019-2024)

Figure 43. Americas Single-Channel Isolated Gate Driver ICs Sales Market Share by Application (2019-2024)

Figure 44. United States Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 45. Canada Single-Channel Isolated Gate Driver ICs Revenue Growth

2019-2024 (\$ millions)

Figure 46. Mexico Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 47. Brazil Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 48. APAC Single-Channel Isolated Gate Driver ICs Sales Market Share by Region in 2023

Figure 49. APAC Single-Channel Isolated Gate Driver ICs Revenue Market Share by Region (2019-2024)

Figure 50. APAC Single-Channel Isolated Gate Driver ICs Sales Market Share by Isolation Voltage(kVrms) (2019-2024)

Figure 51. APAC Single-Channel Isolated Gate Driver ICs Sales Market Share by Application (2019-2024)

Figure 52. China Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 53. Japan Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 54. South Korea Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 55. Southeast Asia Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 56. India Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 57. Australia Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 58. China Taiwan Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 59. Europe Single-Channel Isolated Gate Driver ICs Sales Market Share by Country in 2023

Figure 60. Europe Single-Channel Isolated Gate Driver ICs Revenue Market Share by Country (2019-2024)

Figure 61. Europe Single-Channel Isolated Gate Driver ICs Sales Market Share by Isolation Voltage(kVrms) (2019-2024)

Figure 62. Europe Single-Channel Isolated Gate Driver ICs Sales Market Share by Application (2019-2024)

Figure 63. Germany Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

Figure 64. France Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)

- Figure 65. UK Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)
- Figure 66. Italy Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)
- Figure 67. Russia Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)
- Figure 68. Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales Market Share by Country (2019-2024)
- Figure 69. Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales Market Share by Isolation Voltage(kVrms) (2019-2024)
- Figure 70. Middle East & Africa Single-Channel Isolated Gate Driver ICs Sales Market Share by Application (2019-2024)
- Figure 71. Egypt Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)
- Figure 72. South Africa Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)
- Figure 73. Israel Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)
- Figure 74. Turkey Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)
- Figure 75. GCC Countries Single-Channel Isolated Gate Driver ICs Revenue Growth 2019-2024 (\$ millions)
- Figure 76. Manufacturing Cost Structure Analysis of Single-Channel Isolated Gate Driver ICs in 2023
- Figure 77. Manufacturing Process Analysis of Single-Channel Isolated Gate Driver ICs
- Figure 78. Industry Chain Structure of Single-Channel Isolated Gate Driver ICs
- Figure 79. Channels of Distribution
- Figure 80. Global Single-Channel Isolated Gate Driver ICs Sales Market Forecast by Region (2025-2030)
- Figure 81. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share Forecast by Region (2025-2030)
- Figure 82. Global Single-Channel Isolated Gate Driver ICs Sales Market Share Forecast by Isolation Voltage(kVrms) (2025-2030)
- Figure 83. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share Forecast by Isolation Voltage(kVrms) (2025-2030)
- Figure 84. Global Single-Channel Isolated Gate Driver ICs Sales Market Share Forecast by Application (2025-2030)
- Figure 85. Global Single-Channel Isolated Gate Driver ICs Revenue Market Share Forecast by Application (2025-2030)

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