

Global P-Channel MOSFET Gate Driver Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global P-Channel MOSFET Gate Driver market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

P-channel MOSFET gate driver (P-channel MOSFET gate driver) is a circuit, usually used to drive a P-channel MOSFET to establish a circuit path between its source and drain. Unlike N-channel MOSFETs, P-channel MOSFETs require a negative voltage across their gate and source to turn on. Therefore, when using a P-channel MOSFET, a circuit is required to drive its gate to ensure that the correct voltage is applied to the gate at the correct time. A P-channel MOSFET gate driver ensures that the gate voltage of the MOSFET is always maintained at the proper level for accurate and reliable control. It usually consists of a driver chip and some external components such as capacitors and resistors. Driver chips usually have multiple protection functions, such as over-current and over-temperature protection, to ensure the safety and reliability of the system.

This report studies the global P-Channel MOSFET Gate Driver production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for P-Channel MOSFET Gate Driver, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of P-Channel MOSFET Gate Driver that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global P-Channel MOSFET Gate Driver total production and demand, 2018-2029, (K Units)

Global P-Channel MOSFET Gate Driver total production value, 2018-2029, (USD Million)

Global P-Channel MOSFET Gate Driver production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global P-Channel MOSFET Gate Driver consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: P-Channel MOSFET Gate Driver domestic production, consumption, key domestic manufacturers and share

Global P-Channel MOSFET Gate Driver production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global P-Channel MOSFET Gate Driver production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global P-Channel MOSFET Gate Driver production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global P-Channel MOSFET Gate Driver market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Analog Devices Inc, Diodes Incorporated, Infineon Technologies, Inventchip, IXYS, Microchip Technology, Nisshinbo Micro Devices Inc., onsemi and Power Integrations, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World P-Channel MOSFET Gate Driver market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global P-Channel MOSFET Gate Driver Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global P-Channel MOSFET Gate Driver Market, Segmentation by Type

High Voltage Side

Low Pressure Side

Global P-Channel MOSFET Gate Driver Market, Segmentation by Application

Automobile

Industrial

Energy

Other

Companies Profiled:

Analog Devices Inc

Diodes Incorporated

Infineon Technologies

Inventchip

IXYS

Microchip Technology

Nisshinbo Micro Devices Inc.

onsemi

Power Integrations

Renesas Electronics America Inc

Rohm Semiconductor

STMicroelectronics

Texas Instruments

Key Questions Answered

1. How big is the global P-Channel MOSFET Gate Driver market?
2. What is the demand of the global P-Channel MOSFET Gate Driver market?

3. What is the year over year growth of the global P-Channel MOSFET Gate Driver market?
4. What is the production and production value of the global P-Channel MOSFET Gate Driver market?
5. Who are the key producers in the global P-Channel MOSFET Gate Driver market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 P-Channel MOSFET Gate Driver Introduction
- 1.2 World P-Channel MOSFET Gate Driver Supply & Forecast
 - 1.2.1 World P-Channel MOSFET Gate Driver Production Value (2018 & 2022 & 2029)
 - 1.2.2 World P-Channel MOSFET Gate Driver Production (2018-2029)
 - 1.2.3 World P-Channel MOSFET Gate Driver Pricing Trends (2018-2029)
- 1.3 World P-Channel MOSFET Gate Driver Production by Region (Based on Production Site)
 - 1.3.1 World P-Channel MOSFET Gate Driver Production Value by Region (2018-2029)
 - 1.3.2 World P-Channel MOSFET Gate Driver Production by Region (2018-2029)
 - 1.3.3 World P-Channel MOSFET Gate Driver Average Price by Region (2018-2029)
 - 1.3.4 North America P-Channel MOSFET Gate Driver Production (2018-2029)
 - 1.3.5 Europe P-Channel MOSFET Gate Driver Production (2018-2029)
 - 1.3.6 China P-Channel MOSFET Gate Driver Production (2018-2029)
 - 1.3.7 Japan P-Channel MOSFET Gate Driver Production (2018-2029)
 - 1.3.8 South Korea P-Channel MOSFET Gate Driver Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 P-Channel MOSFET Gate Driver Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 P-Channel MOSFET Gate Driver Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World P-Channel MOSFET Gate Driver Demand (2018-2029)
- 2.2 World P-Channel MOSFET Gate Driver Consumption by Region
 - 2.2.1 World P-Channel MOSFET Gate Driver Consumption by Region (2018-2023)
 - 2.2.2 World P-Channel MOSFET Gate Driver Consumption Forecast by Region (2024-2029)
- 2.3 United States P-Channel MOSFET Gate Driver Consumption (2018-2029)
- 2.4 China P-Channel MOSFET Gate Driver Consumption (2018-2029)
- 2.5 Europe P-Channel MOSFET Gate Driver Consumption (2018-2029)
- 2.6 Japan P-Channel MOSFET Gate Driver Consumption (2018-2029)
- 2.7 South Korea P-Channel MOSFET Gate Driver Consumption (2018-2029)

2.8 ASEAN P-Channel MOSFET Gate Driver Consumption (2018-2029)

2.9 India P-Channel MOSFET Gate Driver Consumption (2018-2029)

3 WORLD P-CHANNEL MOSFET GATE DRIVER MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World P-Channel MOSFET Gate Driver Production Value by Manufacturer (2018-2023)

3.2 World P-Channel MOSFET Gate Driver Production by Manufacturer (2018-2023)

3.3 World P-Channel MOSFET Gate Driver Average Price by Manufacturer (2018-2023)

3.4 P-Channel MOSFET Gate Driver Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global P-Channel MOSFET Gate Driver Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for P-Channel MOSFET Gate Driver in 2022

3.5.3 Global Concentration Ratios (CR8) for P-Channel MOSFET Gate Driver in 2022

3.6 P-Channel MOSFET Gate Driver Market: Overall Company Footprint Analysis

3.6.1 P-Channel MOSFET Gate Driver Market: Region Footprint

3.6.2 P-Channel MOSFET Gate Driver Market: Company Product Type Footprint

3.6.3 P-Channel MOSFET Gate Driver Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: P-Channel MOSFET Gate Driver Production Value Comparison

4.1.1 United States VS China: P-Channel MOSFET Gate Driver Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: P-Channel MOSFET Gate Driver Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: P-Channel MOSFET Gate Driver Production Comparison

4.2.1 United States VS China: P-Channel MOSFET Gate Driver Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: P-Channel MOSFET Gate Driver Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: P-Channel MOSFET Gate Driver Consumption Comparison

4.3.1 United States VS China: P-Channel MOSFET Gate Driver Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: P-Channel MOSFET Gate Driver Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based P-Channel MOSFET Gate Driver Manufacturers and Market Share, 2018-2023

4.4.1 United States Based P-Channel MOSFET Gate Driver Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers P-Channel MOSFET Gate Driver Production Value (2018-2023)

4.4.3 United States Based Manufacturers P-Channel MOSFET Gate Driver Production (2018-2023)

4.5 China Based P-Channel MOSFET Gate Driver Manufacturers and Market Share

4.5.1 China Based P-Channel MOSFET Gate Driver Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers P-Channel MOSFET Gate Driver Production Value (2018-2023)

4.5.3 China Based Manufacturers P-Channel MOSFET Gate Driver Production (2018-2023)

4.6 Rest of World Based P-Channel MOSFET Gate Driver Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based P-Channel MOSFET Gate Driver Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers P-Channel MOSFET Gate Driver Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers P-Channel MOSFET Gate Driver Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World P-Channel MOSFET Gate Driver Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 High Voltage Side

5.2.2 Low Pressure Side

5.3 Market Segment by Type

5.3.1 World P-Channel MOSFET Gate Driver Production by Type (2018-2029)

5.3.2 World P-Channel MOSFET Gate Driver Production Value by Type (2018-2029)

5.3.3 World P-Channel MOSFET Gate Driver Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World P-Channel MOSFET Gate Driver Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Automobile

6.2.2 Industrial

6.2.3 Energy

6.2.4 Other

6.3 Market Segment by Application

6.3.1 World P-Channel MOSFET Gate Driver Production by Application (2018-2029)

6.3.2 World P-Channel MOSFET Gate Driver Production Value by Application (2018-2029)

6.3.3 World P-Channel MOSFET Gate Driver Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Analog Devices Inc

7.1.1 Analog Devices Inc Details

7.1.2 Analog Devices Inc Major Business

7.1.3 Analog Devices Inc P-Channel MOSFET Gate Driver Product and Services

7.1.4 Analog Devices Inc P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Analog Devices Inc Recent Developments/Updates

7.1.6 Analog Devices Inc Competitive Strengths & Weaknesses

7.2 Diodes Incorporated

7.2.1 Diodes Incorporated Details

7.2.2 Diodes Incorporated Major Business

7.2.3 Diodes Incorporated P-Channel MOSFET Gate Driver Product and Services

7.2.4 Diodes Incorporated P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Diodes Incorporated Recent Developments/Updates

7.2.6 Diodes Incorporated Competitive Strengths & Weaknesses

7.3 Infineon Technologies

7.3.1 Infineon Technologies Details

- 7.3.2 Infineon Technologies Major Business
- 7.3.3 Infineon Technologies P-Channel MOSFET Gate Driver Product and Services
- 7.3.4 Infineon Technologies P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 Infineon Technologies Recent Developments/Updates
- 7.3.6 Infineon Technologies Competitive Strengths & Weaknesses
- 7.4 Inventchip
 - 7.4.1 Inventchip Details
 - 7.4.2 Inventchip Major Business
 - 7.4.3 Inventchip P-Channel MOSFET Gate Driver Product and Services
 - 7.4.4 Inventchip P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Inventchip Recent Developments/Updates
 - 7.4.6 Inventchip Competitive Strengths & Weaknesses
- 7.5 IXYS
 - 7.5.1 IXYS Details
 - 7.5.2 IXYS Major Business
 - 7.5.3 IXYS P-Channel MOSFET Gate Driver Product and Services
 - 7.5.4 IXYS P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 IXYS Recent Developments/Updates
 - 7.5.6 IXYS Competitive Strengths & Weaknesses
- 7.6 Microchip Technology
 - 7.6.1 Microchip Technology Details
 - 7.6.2 Microchip Technology Major Business
 - 7.6.3 Microchip Technology P-Channel MOSFET Gate Driver Product and Services
 - 7.6.4 Microchip Technology P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Microchip Technology Recent Developments/Updates
 - 7.6.6 Microchip Technology Competitive Strengths & Weaknesses
- 7.7 Nisshinbo Micro Devices Inc.
 - 7.7.1 Nisshinbo Micro Devices Inc. Details
 - 7.7.2 Nisshinbo Micro Devices Inc. Major Business
 - 7.7.3 Nisshinbo Micro Devices Inc. P-Channel MOSFET Gate Driver Product and Services
 - 7.7.4 Nisshinbo Micro Devices Inc. P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Nisshinbo Micro Devices Inc. Recent Developments/Updates
 - 7.7.6 Nisshinbo Micro Devices Inc. Competitive Strengths & Weaknesses

7.8 onsemi

7.8.1 onsemi Details

7.8.2 onsemi Major Business

7.8.3 onsemi P-Channel MOSFET Gate Driver Product and Services

7.8.4 onsemi P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 onsemi Recent Developments/Updates

7.8.6 onsemi Competitive Strengths & Weaknesses

7.9 Power Integrations

7.9.1 Power Integrations Details

7.9.2 Power Integrations Major Business

7.9.3 Power Integrations P-Channel MOSFET Gate Driver Product and Services

7.9.4 Power Integrations P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Power Integrations Recent Developments/Updates

7.9.6 Power Integrations Competitive Strengths & Weaknesses

7.10 Renesas Electronics America Inc

7.10.1 Renesas Electronics America Inc Details

7.10.2 Renesas Electronics America Inc Major Business

7.10.3 Renesas Electronics America Inc P-Channel MOSFET Gate Driver Product and Services

7.10.4 Renesas Electronics America Inc P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Renesas Electronics America Inc Recent Developments/Updates

7.10.6 Renesas Electronics America Inc Competitive Strengths & Weaknesses

7.11 Rohm Semiconductor

7.11.1 Rohm Semiconductor Details

7.11.2 Rohm Semiconductor Major Business

7.11.3 Rohm Semiconductor P-Channel MOSFET Gate Driver Product and Services

7.11.4 Rohm Semiconductor P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Rohm Semiconductor Recent Developments/Updates

7.11.6 Rohm Semiconductor Competitive Strengths & Weaknesses

7.12 STMicroelectronics

7.12.1 STMicroelectronics Details

7.12.2 STMicroelectronics Major Business

7.12.3 STMicroelectronics P-Channel MOSFET Gate Driver Product and Services

7.12.4 STMicroelectronics P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.12.5 STMicroelectronics Recent Developments/Updates
- 7.12.6 STMicroelectronics Competitive Strengths & Weaknesses
- 7.13 Texas Instruments
 - 7.13.1 Texas Instruments Details
 - 7.13.2 Texas Instruments Major Business
 - 7.13.3 Texas Instruments P-Channel MOSFET Gate Driver Product and Services
 - 7.13.4 Texas Instruments P-Channel MOSFET Gate Driver Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.13.5 Texas Instruments Recent Developments/Updates
 - 7.13.6 Texas Instruments Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 P-Channel MOSFET Gate Driver Industry Chain
- 8.2 P-Channel MOSFET Gate Driver Upstream Analysis
 - 8.2.1 P-Channel MOSFET Gate Driver Core Raw Materials
 - 8.2.2 Main Manufacturers of P-Channel MOSFET Gate Driver Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 P-Channel MOSFET Gate Driver Production Mode
- 8.6 P-Channel MOSFET Gate Driver Procurement Model
- 8.7 P-Channel MOSFET Gate Driver Industry Sales Model and Sales Channels
 - 8.7.1 P-Channel MOSFET Gate Driver Sales Model
 - 8.7.2 P-Channel MOSFET Gate Driver Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World P-Channel MOSFET Gate Driver Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World P-Channel MOSFET Gate Driver Production Value by Region (2018-2023) & (USD Million)

Table 3. World P-Channel MOSFET Gate Driver Production Value by Region (2024-2029) & (USD Million)

Table 4. World P-Channel MOSFET Gate Driver Production Value Market Share by Region (2018-2023)

Table 5. World P-Channel MOSFET Gate Driver Production Value Market Share by Region (2024-2029)

Table 6. World P-Channel MOSFET Gate Driver Production by Region (2018-2023) & (K Units)

Table 7. World P-Channel MOSFET Gate Driver Production by Region (2024-2029) & (K Units)

Table 8. World P-Channel MOSFET Gate Driver Production Market Share by Region (2018-2023)

Table 9. World P-Channel MOSFET Gate Driver Production Market Share by Region (2024-2029)

Table 10. World P-Channel MOSFET Gate Driver Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World P-Channel MOSFET Gate Driver Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. P-Channel MOSFET Gate Driver Major Market Trends

Table 13. World P-Channel MOSFET Gate Driver Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World P-Channel MOSFET Gate Driver Consumption by Region (2018-2023) & (K Units)

Table 15. World P-Channel MOSFET Gate Driver Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World P-Channel MOSFET Gate Driver Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key P-Channel MOSFET Gate Driver Producers in 2022

Table 18. World P-Channel MOSFET Gate Driver Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key P-Channel MOSFET Gate Driver Producers in 2022

Table 20. World P-Channel MOSFET Gate Driver Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global P-Channel MOSFET Gate Driver Company Evaluation Quadrant

Table 22. World P-Channel MOSFET Gate Driver Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and P-Channel MOSFET Gate Driver Production Site of Key Manufacturer

Table 24. P-Channel MOSFET Gate Driver Market: Company Product Type Footprint

Table 25. P-Channel MOSFET Gate Driver Market: Company Product Application Footprint

Table 26. P-Channel MOSFET Gate Driver Competitive Factors

Table 27. P-Channel MOSFET Gate Driver New Entrant and Capacity Expansion Plans

Table 28. P-Channel MOSFET Gate Driver Mergers & Acquisitions Activity

Table 29. United States VS China P-Channel MOSFET Gate Driver Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China P-Channel MOSFET Gate Driver Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China P-Channel MOSFET Gate Driver Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based P-Channel MOSFET Gate Driver Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers P-Channel MOSFET Gate Driver Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers P-Channel MOSFET Gate Driver Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers P-Channel MOSFET Gate Driver Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers P-Channel MOSFET Gate Driver Production Market Share (2018-2023)

Table 37. China Based P-Channel MOSFET Gate Driver Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers P-Channel MOSFET Gate Driver Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers P-Channel MOSFET Gate Driver Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers P-Channel MOSFET Gate Driver Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers P-Channel MOSFET Gate Driver Production Market Share (2018-2023)

Table 42. Rest of World Based P-Channel MOSFET Gate Driver Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers P-Channel MOSFET Gate Driver Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers P-Channel MOSFET Gate Driver Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers P-Channel MOSFET Gate Driver Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers P-Channel MOSFET Gate Driver Production Market Share (2018-2023)

Table 47. World P-Channel MOSFET Gate Driver Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World P-Channel MOSFET Gate Driver Production by Type (2018-2023) & (K Units)

Table 49. World P-Channel MOSFET Gate Driver Production by Type (2024-2029) & (K Units)

Table 50. World P-Channel MOSFET Gate Driver Production Value by Type (2018-2023) & (USD Million)

Table 51. World P-Channel MOSFET Gate Driver Production Value by Type (2024-2029) & (USD Million)

Table 52. World P-Channel MOSFET Gate Driver Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World P-Channel MOSFET Gate Driver Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World P-Channel MOSFET Gate Driver Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World P-Channel MOSFET Gate Driver Production by Application (2018-2023) & (K Units)

Table 56. World P-Channel MOSFET Gate Driver Production by Application (2024-2029) & (K Units)

Table 57. World P-Channel MOSFET Gate Driver Production Value by Application (2018-2023) & (USD Million)

Table 58. World P-Channel MOSFET Gate Driver Production Value by Application (2024-2029) & (USD Million)

Table 59. World P-Channel MOSFET Gate Driver Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World P-Channel MOSFET Gate Driver Average Price by Application

(2024-2029) & (US\$/Unit)

Table 61. Analog Devices Inc Basic Information, Manufacturing Base and Competitors

Table 62. Analog Devices Inc Major Business

Table 63. Analog Devices Inc P-Channel MOSFET Gate Driver Product and Services

Table 64. Analog Devices Inc P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Analog Devices Inc Recent Developments/Updates

Table 66. Analog Devices Inc Competitive Strengths & Weaknesses

Table 67. Diodes Incorporated Basic Information, Manufacturing Base and Competitors

Table 68. Diodes Incorporated Major Business

Table 69. Diodes Incorporated P-Channel MOSFET Gate Driver Product and Services

Table 70. Diodes Incorporated P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Diodes Incorporated Recent Developments/Updates

Table 72. Diodes Incorporated Competitive Strengths & Weaknesses

Table 73. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 74. Infineon Technologies Major Business

Table 75. Infineon Technologies P-Channel MOSFET Gate Driver Product and Services

Table 76. Infineon Technologies P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Infineon Technologies Recent Developments/Updates

Table 78. Infineon Technologies Competitive Strengths & Weaknesses

Table 79. Inventchip Basic Information, Manufacturing Base and Competitors

Table 80. Inventchip Major Business

Table 81. Inventchip P-Channel MOSFET Gate Driver Product and Services

Table 82. Inventchip P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Inventchip Recent Developments/Updates

Table 84. Inventchip Competitive Strengths & Weaknesses

Table 85. IXYS Basic Information, Manufacturing Base and Competitors

Table 86. IXYS Major Business

Table 87. IXYS P-Channel MOSFET Gate Driver Product and Services

Table 88. IXYS P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. IXYS Recent Developments/Updates

Table 90. IXYS Competitive Strengths & Weaknesses

Table 91. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 92. Microchip Technology Major Business

Table 93. Microchip Technology P-Channel MOSFET Gate Driver Product and Services

Table 94. Microchip Technology P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Microchip Technology Recent Developments/Updates

Table 96. Microchip Technology Competitive Strengths & Weaknesses

Table 97. Nisshinbo Micro Devices Inc. Basic Information, Manufacturing Base and Competitors

Table 98. Nisshinbo Micro Devices Inc. Major Business

Table 99. Nisshinbo Micro Devices Inc. P-Channel MOSFET Gate Driver Product and Services

Table 100. Nisshinbo Micro Devices Inc. P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Nisshinbo Micro Devices Inc. Recent Developments/Updates

Table 102. Nisshinbo Micro Devices Inc. Competitive Strengths & Weaknesses

Table 103. onsemi Basic Information, Manufacturing Base and Competitors

Table 104. onsemi Major Business

Table 105. onsemi P-Channel MOSFET Gate Driver Product and Services

Table 106. onsemi P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. onsemi Recent Developments/Updates

Table 108. onsemi Competitive Strengths & Weaknesses

Table 109. Power Integrations Basic Information, Manufacturing Base and Competitors

Table 110. Power Integrations Major Business

Table 111. Power Integrations P-Channel MOSFET Gate Driver Product and Services

Table 112. Power Integrations P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Power Integrations Recent Developments/Updates

Table 114. Power Integrations Competitive Strengths & Weaknesses

Table 115. Renesas Electronics America Inc Basic Information, Manufacturing Base and Competitors

Table 116. Renesas Electronics America Inc Major Business

Table 117. Renesas Electronics America Inc P-Channel MOSFET Gate Driver Product and Services

Table 118. Renesas Electronics America Inc P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Renesas Electronics America Inc Recent Developments/Updates

Table 120. Renesas Electronics America Inc Competitive Strengths & Weaknesses

Table 121. Rohm Semiconductor Basic Information, Manufacturing Base and Competitors

Table 122. Rohm Semiconductor Major Business

Table 123. Rohm Semiconductor P-Channel MOSFET Gate Driver Product and Services

Table 124. Rohm Semiconductor P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Rohm Semiconductor Recent Developments/Updates

Table 126. Rohm Semiconductor Competitive Strengths & Weaknesses

Table 127. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 128. STMicroelectronics Major Business

Table 129. STMicroelectronics P-Channel MOSFET Gate Driver Product and Services

Table 130. STMicroelectronics P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. STMicroelectronics Recent Developments/Updates

Table 132. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 133. Texas Instruments Major Business

Table 134. Texas Instruments P-Channel MOSFET Gate Driver Product and Services

Table 135. Texas Instruments P-Channel MOSFET Gate Driver Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 136. Global Key Players of P-Channel MOSFET Gate Driver Upstream (Raw Materials)

Table 137. P-Channel MOSFET Gate Driver Typical Customers

Table 138. P-Channel MOSFET Gate Driver Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. P-Channel MOSFET Gate Driver Picture

Figure 2. World P-Channel MOSFET Gate Driver Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World P-Channel MOSFET Gate Driver Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World P-Channel MOSFET Gate Driver Production (2018-2029) & (K Units)

Figure 5. World P-Channel MOSFET Gate Driver Average Price (2018-2029) & (US\$/Unit)

Figure 6. World P-Channel MOSFET Gate Driver Production Value Market Share by Region (2018-2029)

Figure 7. World P-Channel MOSFET Gate Driver Production Market Share by Region (2018-2029)

Figure 8. North America P-Channel MOSFET Gate Driver Production (2018-2029) & (K Units)

Figure 9. Europe P-Channel MOSFET Gate Driver Production (2018-2029) & (K Units)

Figure 10. China P-Channel MOSFET Gate Driver Production (2018-2029) & (K Units)

Figure 11. Japan P-Channel MOSFET Gate Driver Production (2018-2029) & (K Units)

Figure 12. South Korea P-Channel MOSFET Gate Driver Production (2018-2029) & (K Units)

Figure 13. P-Channel MOSFET Gate Driver Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World P-Channel MOSFET Gate Driver Consumption (2018-2029) & (K Units)

Figure 16. World P-Channel MOSFET Gate Driver Consumption Market Share by Region (2018-2029)

Figure 17. United States P-Channel MOSFET Gate Driver Consumption (2018-2029) & (K Units)

Figure 18. China P-Channel MOSFET Gate Driver Consumption (2018-2029) & (K Units)

Figure 19. Europe P-Channel MOSFET Gate Driver Consumption (2018-2029) & (K Units)

Figure 20. Japan P-Channel MOSFET Gate Driver Consumption (2018-2029) & (K Units)

Figure 21. South Korea P-Channel MOSFET Gate Driver Consumption (2018-2029) & (K Units)

Figure 22. ASEAN P-Channel MOSFET Gate Driver Consumption (2018-2029) & (K Units)

Figure 23. India P-Channel MOSFET Gate Driver Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of P-Channel MOSFET Gate Driver by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for P-Channel MOSFET Gate Driver Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for P-Channel MOSFET Gate Driver Markets in 2022

Figure 27. United States VS China: P-Channel MOSFET Gate Driver Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: P-Channel MOSFET Gate Driver Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: P-Channel MOSFET Gate Driver Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers P-Channel MOSFET Gate Driver Production Market Share 2022

Figure 31. China Based Manufacturers P-Channel MOSFET Gate Driver Production Market Share 2022

Figure 32. Rest of World Based Manufacturers P-Channel MOSFET Gate Driver Production Market Share 2022

Figure 33. World P-Channel MOSFET Gate Driver Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World P-Channel MOSFET Gate Driver Production Value Market Share by Type in 2022

Figure 35. High Voltage Side

Figure 36. Low Pressure Side

Figure 37. World P-Channel MOSFET Gate Driver Production Market Share by Type (2018-2029)

Figure 38. World P-Channel MOSFET Gate Driver Production Value Market Share by Type (2018-2029)

Figure 39. World P-Channel MOSFET Gate Driver Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World P-Channel MOSFET Gate Driver Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World P-Channel MOSFET Gate Driver Production Value Market Share by Application in 2022

Figure 42. Automobile

Figure 43. Industrial

Figure 44. Energy

Figure 45. Other

Figure 46. World P-Channel MOSFET Gate Driver Production Market Share by Application (2018-2029)

Figure 47. World P-Channel MOSFET Gate Driver Production Value Market Share by Application (2018-2029)

Figure 48. World P-Channel MOSFET Gate Driver Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. P-Channel MOSFET Gate Driver Industry Chain

Figure 50. P-Channel MOSFET Gate Driver Procurement Model

Figure 51. P-Channel MOSFET Gate Driver Sales Model

Figure 52. P-Channel MOSFET Gate Driver Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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