

Global Half-Bridge Controllers Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GEC2090A687AEN.html>

Date: March 2023

Pages: 128

Price: US\$ 4,480.00 (Single User License)

ID: GEC2090A687AEN

Abstracts

The global Half-Bridge Controllers market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Half-bridge controllers are power electronics controllers used in half-bridge converters, which are DC-to-DC converters that use a half-bridge topology to transfer energy from the input to the output. The half-bridge topology consists of two switches, such as MOSFETs or IGBTs, that are connected in a bridge configuration with a center-tapped transformer.

The half-bridge controller regulates the output voltage or current by controlling the duty cycle of the switches. The duty cycle is the ratio of the on-time of the switches to the total switching period. The controller can use various control techniques, such as pulse width modulation (PWM), phase-shift modulation, and frequency modulation.

Half-bridge converters and controllers are widely used in various applications that require efficient and high-power DC power conversion, such as motor drives, power supplies, and renewable energy systems. The choice of the type and features of the half-bridge controller depends on the specific requirements and specifications of the application. Some of the features that can be included in a half-bridge controller are protection functions, soft-start, current limiting, and digital communication interfaces.

This report studies the global Half-Bridge Controllers production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Half-Bridge Controllers, 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 Half-Bridge Controllers that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Half-Bridge Controllers total production and demand, 2018-2029, (K Units)

Global Half-Bridge Controllers total production value, 2018-2029, (USD Million)

Global Half-Bridge Controllers production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Half-Bridge Controllers consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Half-Bridge Controllers domestic production, consumption, key domestic manufacturers and share

Global Half-Bridge Controllers production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Half-Bridge Controllers production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Half-Bridge Controllers production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Half-Bridge Controllers 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 Monolithic Power Systems, Infineon Technologies, Allegro MicroSystems, Texas Instruments, STMicroelectronics, National Semiconductor, Fairchild Semiconductor, Maxim Integrated and ON Semiconductor, 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 Half-Bridge Controllers 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 Half-Bridge Controllers Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Half-Bridge Controllers Market, Segmentation by Type

Analog

Digital

Global Half-Bridge Controllers Market, Segmentation by Application

Automotive

Medical

Aerospace

Energy

Consumer Electronics

Others

Companies Profiled:

Monolithic Power Systems

Infineon Technologies

Allegro MicroSystems

Texas Instruments

STMicroelectronics

National Semiconductor

Fairchild Semiconductor

Maxim Integrated

ON Semiconductor

Solid States Devices

Analog Devices

Microchip Technology

NXP Semiconductors

ROHM Semiconductor

Renesas Electronics

Semtech Corporation

Vishay Intertechnology

Hangzhou Silan Microelectronics

Zhejiang Zhongding Electronics

Shenzhen IGBT Technology

Key Questions Answered

1. How big is the global Half-Bridge Controllers market?
2. What is the demand of the global Half-Bridge Controllers market?
3. What is the year over year growth of the global Half-Bridge Controllers market?
4. What is the production and production value of the global Half-Bridge Controllers market?
5. Who are the key producers in the global Half-Bridge Controllers market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Half-Bridge Controllers Introduction
- 1.2 World Half-Bridge Controllers Supply & Forecast
 - 1.2.1 World Half-Bridge Controllers Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Half-Bridge Controllers Production (2018-2029)
 - 1.2.3 World Half-Bridge Controllers Pricing Trends (2018-2029)
- 1.3 World Half-Bridge Controllers Production by Region (Based on Production Site)
 - 1.3.1 World Half-Bridge Controllers Production Value by Region (2018-2029)
 - 1.3.2 World Half-Bridge Controllers Production by Region (2018-2029)
 - 1.3.3 World Half-Bridge Controllers Average Price by Region (2018-2029)
 - 1.3.4 North America Half-Bridge Controllers Production (2018-2029)
 - 1.3.5 Europe Half-Bridge Controllers Production (2018-2029)
 - 1.3.6 China Half-Bridge Controllers Production (2018-2029)
 - 1.3.7 Japan Half-Bridge Controllers Production (2018-2029)
 - 1.3.8 South Korea Half-Bridge Controllers Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Half-Bridge Controllers Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Half-Bridge Controllers 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 Half-Bridge Controllers Demand (2018-2029)
- 2.2 World Half-Bridge Controllers Consumption by Region
 - 2.2.1 World Half-Bridge Controllers Consumption by Region (2018-2023)
 - 2.2.2 World Half-Bridge Controllers Consumption Forecast by Region (2024-2029)
- 2.3 United States Half-Bridge Controllers Consumption (2018-2029)
- 2.4 China Half-Bridge Controllers Consumption (2018-2029)
- 2.5 Europe Half-Bridge Controllers Consumption (2018-2029)
- 2.6 Japan Half-Bridge Controllers Consumption (2018-2029)
- 2.7 South Korea Half-Bridge Controllers Consumption (2018-2029)
- 2.8 ASEAN Half-Bridge Controllers Consumption (2018-2029)
- 2.9 India Half-Bridge Controllers Consumption (2018-2029)

3 WORLD HALF-BRIDGE CONTROLLERS MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Half-Bridge Controllers Production Value by Manufacturer (2018-2023)
- 3.2 World Half-Bridge Controllers Production by Manufacturer (2018-2023)
- 3.3 World Half-Bridge Controllers Average Price by Manufacturer (2018-2023)
- 3.4 Half-Bridge Controllers Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Half-Bridge Controllers Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Half-Bridge Controllers in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Half-Bridge Controllers in 2022
- 3.6 Half-Bridge Controllers Market: Overall Company Footprint Analysis
 - 3.6.1 Half-Bridge Controllers Market: Region Footprint
 - 3.6.2 Half-Bridge Controllers Market: Company Product Type Footprint
 - 3.6.3 Half-Bridge Controllers 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: Half-Bridge Controllers Production Value Comparison
 - 4.1.1 United States VS China: Half-Bridge Controllers Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Half-Bridge Controllers Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Half-Bridge Controllers Production Comparison
 - 4.2.1 United States VS China: Half-Bridge Controllers Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Half-Bridge Controllers Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Half-Bridge Controllers Consumption Comparison
 - 4.3.1 United States VS China: Half-Bridge Controllers Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Half-Bridge Controllers Consumption Market Share

Comparison (2018 & 2022 & 2029)

4.4 United States Based Half-Bridge Controllers Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Half-Bridge Controllers Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Half-Bridge Controllers Production Value (2018-2023)

4.4.3 United States Based Manufacturers Half-Bridge Controllers Production (2018-2023)

4.5 China Based Half-Bridge Controllers Manufacturers and Market Share

4.5.1 China Based Half-Bridge Controllers Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Half-Bridge Controllers Production Value (2018-2023)

4.5.3 China Based Manufacturers Half-Bridge Controllers Production (2018-2023)

4.6 Rest of World Based Half-Bridge Controllers Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Half-Bridge Controllers Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Half-Bridge Controllers Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Half-Bridge Controllers Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Half-Bridge Controllers Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Analog

5.2.2 Digital

5.3 Market Segment by Type

5.3.1 World Half-Bridge Controllers Production by Type (2018-2029)

5.3.2 World Half-Bridge Controllers Production Value by Type (2018-2029)

5.3.3 World Half-Bridge Controllers Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Half-Bridge Controllers Market Size Overview by Application: 2018 VS 2022

VS 2029

6.2 Segment Introduction by Application

- 6.2.1 Automotive
- 6.2.2 Medical
- 6.2.3 Aerospace
- 6.2.4 Energy
- 6.2.5 Consumer Electronics
- 6.2.6 Others

6.3 Market Segment by Application

- 6.3.1 World Half-Bridge Controllers Production by Application (2018-2029)
- 6.3.2 World Half-Bridge Controllers Production Value by Application (2018-2029)
- 6.3.3 World Half-Bridge Controllers Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Monolithic Power Systems

- 7.1.1 Monolithic Power Systems Details
- 7.1.2 Monolithic Power Systems Major Business
- 7.1.3 Monolithic Power Systems Half-Bridge Controllers Product and Services
- 7.1.4 Monolithic Power Systems Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Monolithic Power Systems Recent Developments/Updates
- 7.1.6 Monolithic Power Systems Competitive Strengths & Weaknesses

7.2 Infineon Technologies

- 7.2.1 Infineon Technologies Details
- 7.2.2 Infineon Technologies Major Business
- 7.2.3 Infineon Technologies Half-Bridge Controllers Product and Services
- 7.2.4 Infineon Technologies Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.2.5 Infineon Technologies Recent Developments/Updates
- 7.2.6 Infineon Technologies Competitive Strengths & Weaknesses

7.3 Allegro MicroSystems

- 7.3.1 Allegro MicroSystems Details
- 7.3.2 Allegro MicroSystems Major Business
- 7.3.3 Allegro MicroSystems Half-Bridge Controllers Product and Services
- 7.3.4 Allegro MicroSystems Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 Allegro MicroSystems Recent Developments/Updates
- 7.3.6 Allegro MicroSystems Competitive Strengths & Weaknesses

7.4 Texas Instruments

7.4.1 Texas Instruments Details

7.4.2 Texas Instruments Major Business

7.4.3 Texas Instruments Half-Bridge Controllers Product and Services

7.4.4 Texas Instruments Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Texas Instruments Recent Developments/Updates

7.4.6 Texas Instruments Competitive Strengths & Weaknesses

7.5 STMicroelectronics

7.5.1 STMicroelectronics Details

7.5.2 STMicroelectronics Major Business

7.5.3 STMicroelectronics Half-Bridge Controllers Product and Services

7.5.4 STMicroelectronics Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 STMicroelectronics Recent Developments/Updates

7.5.6 STMicroelectronics Competitive Strengths & Weaknesses

7.6 National Semiconductor

7.6.1 National Semiconductor Details

7.6.2 National Semiconductor Major Business

7.6.3 National Semiconductor Half-Bridge Controllers Product and Services

7.6.4 National Semiconductor Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 National Semiconductor Recent Developments/Updates

7.6.6 National Semiconductor Competitive Strengths & Weaknesses

7.7 Fairchild Semiconductor

7.7.1 Fairchild Semiconductor Details

7.7.2 Fairchild Semiconductor Major Business

7.7.3 Fairchild Semiconductor Half-Bridge Controllers Product and Services

7.7.4 Fairchild Semiconductor Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Fairchild Semiconductor Recent Developments/Updates

7.7.6 Fairchild Semiconductor Competitive Strengths & Weaknesses

7.8 Maxim Integrated

7.8.1 Maxim Integrated Details

7.8.2 Maxim Integrated Major Business

7.8.3 Maxim Integrated Half-Bridge Controllers Product and Services

7.8.4 Maxim Integrated Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Maxim Integrated Recent Developments/Updates

- 7.8.6 Maxim Integrated Competitive Strengths & Weaknesses
- 7.9 ON Semiconductor
 - 7.9.1 ON Semiconductor Details
 - 7.9.2 ON Semiconductor Major Business
 - 7.9.3 ON Semiconductor Half-Bridge Controllers Product and Services
 - 7.9.4 ON Semiconductor Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 ON Semiconductor Recent Developments/Updates
 - 7.9.6 ON Semiconductor Competitive Strengths & Weaknesses
- 7.10 Solid States Devices
 - 7.10.1 Solid States Devices Details
 - 7.10.2 Solid States Devices Major Business
 - 7.10.3 Solid States Devices Half-Bridge Controllers Product and Services
 - 7.10.4 Solid States Devices Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Solid States Devices Recent Developments/Updates
 - 7.10.6 Solid States Devices Competitive Strengths & Weaknesses
- 7.11 Analog Devices
 - 7.11.1 Analog Devices Details
 - 7.11.2 Analog Devices Major Business
 - 7.11.3 Analog Devices Half-Bridge Controllers Product and Services
 - 7.11.4 Analog Devices Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Analog Devices Recent Developments/Updates
 - 7.11.6 Analog Devices Competitive Strengths & Weaknesses
- 7.12 Microchip Technology
 - 7.12.1 Microchip Technology Details
 - 7.12.2 Microchip Technology Major Business
 - 7.12.3 Microchip Technology Half-Bridge Controllers Product and Services
 - 7.12.4 Microchip Technology Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Microchip Technology Recent Developments/Updates
 - 7.12.6 Microchip Technology Competitive Strengths & Weaknesses
- 7.13 NXP Semiconductors
 - 7.13.1 NXP Semiconductors Details
 - 7.13.2 NXP Semiconductors Major Business
 - 7.13.3 NXP Semiconductors Half-Bridge Controllers Product and Services
 - 7.13.4 NXP Semiconductors Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.13.5 NXP Semiconductors Recent Developments/Updates
- 7.13.6 NXP Semiconductors Competitive Strengths & Weaknesses
- 7.14 ROHM Semiconductor
 - 7.14.1 ROHM Semiconductor Details
 - 7.14.2 ROHM Semiconductor Major Business
 - 7.14.3 ROHM Semiconductor Half-Bridge Controllers Product and Services
 - 7.14.4 ROHM Semiconductor Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.14.5 ROHM Semiconductor Recent Developments/Updates
 - 7.14.6 ROHM Semiconductor Competitive Strengths & Weaknesses
- 7.15 Renesas Electronics
 - 7.15.1 Renesas Electronics Details
 - 7.15.2 Renesas Electronics Major Business
 - 7.15.3 Renesas Electronics Half-Bridge Controllers Product and Services
 - 7.15.4 Renesas Electronics Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.15.5 Renesas Electronics Recent Developments/Updates
 - 7.15.6 Renesas Electronics Competitive Strengths & Weaknesses
- 7.16 Semtech Corporation
 - 7.16.1 Semtech Corporation Details
 - 7.16.2 Semtech Corporation Major Business
 - 7.16.3 Semtech Corporation Half-Bridge Controllers Product and Services
 - 7.16.4 Semtech Corporation Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.16.5 Semtech Corporation Recent Developments/Updates
 - 7.16.6 Semtech Corporation Competitive Strengths & Weaknesses
- 7.17 Vishay Intertechnology
 - 7.17.1 Vishay Intertechnology Details
 - 7.17.2 Vishay Intertechnology Major Business
 - 7.17.3 Vishay Intertechnology Half-Bridge Controllers Product and Services
 - 7.17.4 Vishay Intertechnology Half-Bridge Controllers Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.17.5 Vishay Intertechnology Recent Developments/Updates
 - 7.17.6 Vishay Intertechnology Competitive Strengths & Weaknesses
- 7.18 Hangzhou Silan Microelectronics
 - 7.18.1 Hangzhou Silan Microelectronics Details
 - 7.18.2 Hangzhou Silan Microelectronics Major Business
 - 7.18.3 Hangzhou Silan Microelectronics Half-Bridge Controllers Product and Services
 - 7.18.4 Hangzhou Silan Microelectronics Half-Bridge Controllers Production, Price,

Value, Gross Margin and Market Share (2018-2023)

7.18.5 Hangzhou Silan Microelectronics Recent Developments/Updates

7.18.6 Hangzhou Silan Microelectronics Competitive Strengths & Weaknesses

7.19 Zhejiang Zhongding Electronics

7.19.1 Zhejiang Zhongding Electronics Details

7.19.2 Zhejiang Zhongding Electronics Major Business

7.19.3 Zhejiang Zhongding Electronics Half-Bridge Controllers Product and Services

7.19.4 Zhejiang Zhongding Electronics Half-Bridge Controllers Production, Price,

Value, Gross Margin and Market Share (2018-2023)

7.19.5 Zhejiang Zhongding Electronics Recent Developments/Updates

7.19.6 Zhejiang Zhongding Electronics Competitive Strengths & Weaknesses

7.20 Shenzhen IGBT Technology

7.20.1 Shenzhen IGBT Technology Details

7.20.2 Shenzhen IGBT Technology Major Business

7.20.3 Shenzhen IGBT Technology Half-Bridge Controllers Product and Services

7.20.4 Shenzhen IGBT Technology Half-Bridge Controllers Production, Price, Value,

Gross Margin and Market Share (2018-2023)

7.20.5 Shenzhen IGBT Technology Recent Developments/Updates

7.20.6 Shenzhen IGBT Technology Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Half-Bridge Controllers Industry Chain

8.2 Half-Bridge Controllers Upstream Analysis

8.2.1 Half-Bridge Controllers Core Raw Materials

8.2.2 Main Manufacturers of Half-Bridge Controllers Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Half-Bridge Controllers Production Mode

8.6 Half-Bridge Controllers Procurement Model

8.7 Half-Bridge Controllers Industry Sales Model and Sales Channels

8.7.1 Half-Bridge Controllers Sales Model

8.7.2 Half-Bridge Controllers 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 Half-Bridge Controllers Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Half-Bridge Controllers Production Value by Region (2018-2023) & (USD Million)

Table 3. World Half-Bridge Controllers Production Value by Region (2024-2029) & (USD Million)

Table 4. World Half-Bridge Controllers Production Value Market Share by Region (2018-2023)

Table 5. World Half-Bridge Controllers Production Value Market Share by Region (2024-2029)

Table 6. World Half-Bridge Controllers Production by Region (2018-2023) & (K Units)

Table 7. World Half-Bridge Controllers Production by Region (2024-2029) & (K Units)

Table 8. World Half-Bridge Controllers Production Market Share by Region (2018-2023)

Table 9. World Half-Bridge Controllers Production Market Share by Region (2024-2029)

Table 10. World Half-Bridge Controllers Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Half-Bridge Controllers Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Half-Bridge Controllers Major Market Trends

Table 13. World Half-Bridge Controllers Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Half-Bridge Controllers Consumption by Region (2018-2023) & (K Units)

Table 15. World Half-Bridge Controllers Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Half-Bridge Controllers Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Half-Bridge Controllers Producers in 2022

Table 18. World Half-Bridge Controllers Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Half-Bridge Controllers Producers in 2022

Table 20. World Half-Bridge Controllers Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Half-Bridge Controllers Company Evaluation Quadrant

Table 22. World Half-Bridge Controllers Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Half-Bridge Controllers Production Site of Key Manufacturer

Table 24. Half-Bridge Controllers Market: Company Product Type Footprint

Table 25. Half-Bridge Controllers Market: Company Product Application Footprint

Table 26. Half-Bridge Controllers Competitive Factors

Table 27. Half-Bridge Controllers New Entrant and Capacity Expansion Plans

Table 28. Half-Bridge Controllers Mergers & Acquisitions Activity

Table 29. United States VS China Half-Bridge Controllers Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Half-Bridge Controllers Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Half-Bridge Controllers Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Half-Bridge Controllers Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Half-Bridge Controllers Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Half-Bridge Controllers Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Half-Bridge Controllers Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Half-Bridge Controllers Production Market Share (2018-2023)

Table 37. China Based Half-Bridge Controllers Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Half-Bridge Controllers Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Half-Bridge Controllers Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Half-Bridge Controllers Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Half-Bridge Controllers Production Market Share (2018-2023)

Table 42. Rest of World Based Half-Bridge Controllers Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Half-Bridge Controllers Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Half-Bridge Controllers Production Value

Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Half-Bridge Controllers Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Half-Bridge Controllers Production Market Share (2018-2023)

Table 47. World Half-Bridge Controllers Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Half-Bridge Controllers Production by Type (2018-2023) & (K Units)

Table 49. World Half-Bridge Controllers Production by Type (2024-2029) & (K Units)

Table 50. World Half-Bridge Controllers Production Value by Type (2018-2023) & (USD Million)

Table 51. World Half-Bridge Controllers Production Value by Type (2024-2029) & (USD Million)

Table 52. World Half-Bridge Controllers Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Half-Bridge Controllers Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Half-Bridge Controllers Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Half-Bridge Controllers Production by Application (2018-2023) & (K Units)

Table 56. World Half-Bridge Controllers Production by Application (2024-2029) & (K Units)

Table 57. World Half-Bridge Controllers Production Value by Application (2018-2023) & (USD Million)

Table 58. World Half-Bridge Controllers Production Value by Application (2024-2029) & (USD Million)

Table 59. World Half-Bridge Controllers Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Half-Bridge Controllers Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Monolithic Power Systems Basic Information, Manufacturing Base and Competitors

Table 62. Monolithic Power Systems Major Business

Table 63. Monolithic Power Systems Half-Bridge Controllers Product and Services

Table 64. Monolithic Power Systems Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Monolithic Power Systems Recent Developments/Updates

- Table 66. Monolithic Power Systems Competitive Strengths & Weaknesses
- Table 67. Infineon Technologies Basic Information, Manufacturing Base and Competitors
- Table 68. Infineon Technologies Major Business
- Table 69. Infineon Technologies Half-Bridge Controllers Product and Services
- Table 70. Infineon Technologies Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. Infineon Technologies Recent Developments/Updates
- Table 72. Infineon Technologies Competitive Strengths & Weaknesses
- Table 73. Allegro MicroSystems Basic Information, Manufacturing Base and Competitors
- Table 74. Allegro MicroSystems Major Business
- Table 75. Allegro MicroSystems Half-Bridge Controllers Product and Services
- Table 76. Allegro MicroSystems Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Allegro MicroSystems Recent Developments/Updates
- Table 78. Allegro MicroSystems Competitive Strengths & Weaknesses
- Table 79. Texas Instruments Basic Information, Manufacturing Base and Competitors
- Table 80. Texas Instruments Major Business
- Table 81. Texas Instruments Half-Bridge Controllers Product and Services
- Table 82. Texas Instruments Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. Texas Instruments Recent Developments/Updates
- Table 84. Texas Instruments Competitive Strengths & Weaknesses
- Table 85. STMicroelectronics Basic Information, Manufacturing Base and Competitors
- Table 86. STMicroelectronics Major Business
- Table 87. STMicroelectronics Half-Bridge Controllers Product and Services
- Table 88. STMicroelectronics Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. STMicroelectronics Recent Developments/Updates
- Table 90. STMicroelectronics Competitive Strengths & Weaknesses
- Table 91. National Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 92. National Semiconductor Major Business
- Table 93. National Semiconductor Half-Bridge Controllers Product and Services

Table 94. National Semiconductor Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. National Semiconductor Recent Developments/Updates

Table 96. National Semiconductor Competitive Strengths & Weaknesses

Table 97. Fairchild Semiconductor Basic Information, Manufacturing Base and Competitors

Table 98. Fairchild Semiconductor Major Business

Table 99. Fairchild Semiconductor Half-Bridge Controllers Product and Services

Table 100. Fairchild Semiconductor Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Fairchild Semiconductor Recent Developments/Updates

Table 102. Fairchild Semiconductor Competitive Strengths & Weaknesses

Table 103. Maxim Integrated Basic Information, Manufacturing Base and Competitors

Table 104. Maxim Integrated Major Business

Table 105. Maxim Integrated Half-Bridge Controllers Product and Services

Table 106. Maxim Integrated Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Maxim Integrated Recent Developments/Updates

Table 108. Maxim Integrated Competitive Strengths & Weaknesses

Table 109. ON Semiconductor Basic Information, Manufacturing Base and Competitors

Table 110. ON Semiconductor Major Business

Table 111. ON Semiconductor Half-Bridge Controllers Product and Services

Table 112. ON Semiconductor Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. ON Semiconductor Recent Developments/Updates

Table 114. ON Semiconductor Competitive Strengths & Weaknesses

Table 115. Solid States Devices Basic Information, Manufacturing Base and Competitors

Table 116. Solid States Devices Major Business

Table 117. Solid States Devices Half-Bridge Controllers Product and Services

Table 118. Solid States Devices Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Solid States Devices Recent Developments/Updates

Table 120. Solid States Devices Competitive Strengths & Weaknesses

Table 121. Analog Devices Basic Information, Manufacturing Base and Competitors

Table 122. Analog Devices Major Business

Table 123. Analog Devices Half-Bridge Controllers Product and Services

Table 124. Analog Devices Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Analog Devices Recent Developments/Updates

Table 126. Analog Devices Competitive Strengths & Weaknesses

Table 127. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 128. Microchip Technology Major Business

Table 129. Microchip Technology Half-Bridge Controllers Product and Services

Table 130. Microchip Technology Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Microchip Technology Recent Developments/Updates

Table 132. Microchip Technology Competitive Strengths & Weaknesses

Table 133. NXP Semiconductors Basic Information, Manufacturing Base and Competitors

Table 134. NXP Semiconductors Major Business

Table 135. NXP Semiconductors Half-Bridge Controllers Product and Services

Table 136. NXP Semiconductors Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. NXP Semiconductors Recent Developments/Updates

Table 138. NXP Semiconductors Competitive Strengths & Weaknesses

Table 139. ROHM Semiconductor Basic Information, Manufacturing Base and Competitors

Table 140. ROHM Semiconductor Major Business

Table 141. ROHM Semiconductor Half-Bridge Controllers Product and Services

Table 142. ROHM Semiconductor Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. ROHM Semiconductor Recent Developments/Updates

Table 144. ROHM Semiconductor Competitive Strengths & Weaknesses

Table 145. Renesas Electronics Basic Information, Manufacturing Base and Competitors

Table 146. Renesas Electronics Major Business

Table 147. Renesas Electronics Half-Bridge Controllers Product and Services

Table 148. Renesas Electronics Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. Renesas Electronics Recent Developments/Updates

Table 150. Renesas Electronics Competitive Strengths & Weaknesses

Table 151. Semtech Corporation Basic Information, Manufacturing Base and Competitors

Table 152. Semtech Corporation Major Business

Table 153. Semtech Corporation Half-Bridge Controllers Product and Services

Table 154. Semtech Corporation Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. Semtech Corporation Recent Developments/Updates

Table 156. Semtech Corporation Competitive Strengths & Weaknesses

Table 157. Vishay Intertechnology Basic Information, Manufacturing Base and Competitors

Table 158. Vishay Intertechnology Major Business

Table 159. Vishay Intertechnology Half-Bridge Controllers Product and Services

Table 160. Vishay Intertechnology Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. Vishay Intertechnology Recent Developments/Updates

Table 162. Vishay Intertechnology Competitive Strengths & Weaknesses

Table 163. Hangzhou Silan Microelectronics Basic Information, Manufacturing Base and Competitors

Table 164. Hangzhou Silan Microelectronics Major Business

Table 165. Hangzhou Silan Microelectronics Half-Bridge Controllers Product and Services

Table 166. Hangzhou Silan Microelectronics Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 167. Hangzhou Silan Microelectronics Recent Developments/Updates

Table 168. Hangzhou Silan Microelectronics Competitive Strengths & Weaknesses

Table 169. Zhejiang Zhongding Electronics Basic Information, Manufacturing Base and Competitors

Table 170. Zhejiang Zhongding Electronics Major Business

Table 171. Zhejiang Zhongding Electronics Half-Bridge Controllers Product and Services

Table 172. Zhejiang Zhongding Electronics Half-Bridge Controllers Production (K Units),

Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 173. Zhejiang Zhongding Electronics Recent Developments/Updates

Table 174. Shenzhen IGBT Technology Basic Information, Manufacturing Base and Competitors

Table 175. Shenzhen IGBT Technology Major Business

Table 176. Shenzhen IGBT Technology Half-Bridge Controllers Product and Services

Table 177. Shenzhen IGBT Technology Half-Bridge Controllers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 178. Global Key Players of Half-Bridge Controllers Upstream (Raw Materials)

Table 179. Half-Bridge Controllers Typical Customers

Table 180. Half-Bridge Controllers Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Half-Bridge Controllers Picture

Figure 2. World Half-Bridge Controllers Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Half-Bridge Controllers Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Half-Bridge Controllers Production (2018-2029) & (K Units)

Figure 5. World Half-Bridge Controllers Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Half-Bridge Controllers Production Value Market Share by Region (2018-2029)

Figure 7. World Half-Bridge Controllers Production Market Share by Region (2018-2029)

Figure 8. North America Half-Bridge Controllers Production (2018-2029) & (K Units)

Figure 9. Europe Half-Bridge Controllers Production (2018-2029) & (K Units)

Figure 10. China Half-Bridge Controllers Production (2018-2029) & (K Units)

Figure 11. Japan Half-Bridge Controllers Production (2018-2029) & (K Units)

Figure 12. South Korea Half-Bridge Controllers Production (2018-2029) & (K Units)

Figure 13. Half-Bridge Controllers Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Half-Bridge Controllers Consumption (2018-2029) & (K Units)

Figure 16. World Half-Bridge Controllers Consumption Market Share by Region (2018-2029)

Figure 17. United States Half-Bridge Controllers Consumption (2018-2029) & (K Units)

Figure 18. China Half-Bridge Controllers Consumption (2018-2029) & (K Units)

Figure 19. Europe Half-Bridge Controllers Consumption (2018-2029) & (K Units)

Figure 20. Japan Half-Bridge Controllers Consumption (2018-2029) & (K Units)

Figure 21. South Korea Half-Bridge Controllers Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Half-Bridge Controllers Consumption (2018-2029) & (K Units)

Figure 23. India Half-Bridge Controllers Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Half-Bridge Controllers by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Half-Bridge Controllers Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Half-Bridge Controllers Markets in 2022

Figure 27. United States VS China: Half-Bridge Controllers Production Value Market

Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Half-Bridge Controllers Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Half-Bridge Controllers Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Half-Bridge Controllers Production Market Share 2022

Figure 31. China Based Manufacturers Half-Bridge Controllers Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Half-Bridge Controllers Production Market Share 2022

Figure 33. World Half-Bridge Controllers Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Half-Bridge Controllers Production Value Market Share by Type in 2022

Figure 35. Analog

Figure 36. Digital

Figure 37. World Half-Bridge Controllers Production Market Share by Type (2018-2029)

Figure 38. World Half-Bridge Controllers Production Value Market Share by Type (2018-2029)

Figure 39. World Half-Bridge Controllers Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Half-Bridge Controllers Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Half-Bridge Controllers Production Value Market Share by Application in 2022

Figure 42. Automotive

Figure 43. Medical

Figure 44. Aerospace

Figure 45. Energy

Figure 46. Consumer Electronics

Figure 47. Others

Figure 48. World Half-Bridge Controllers Production Market Share by Application (2018-2029)

Figure 49. World Half-Bridge Controllers Production Value Market Share by Application (2018-2029)

Figure 50. World Half-Bridge Controllers Average Price by Application (2018-2029) & (US\$/Unit)

Figure 51. Half-Bridge Controllers Industry Chain

Figure 52. Half-Bridge Controllers Procurement Model

Figure 53. Half-Bridge Controllers Sales Model

Figure 54. Half-Bridge Controllers Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

I would like to order

Product name: Global Half-Bridge Controllers Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GEC2090A687AEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GEC2090A687AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

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

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970