

Global Open Drain I-O Expander Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G23DE2879016EN.html>

Date: February 2023

Pages: 117

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

ID: G23DE2879016EN

Abstracts

The global Open Drain I-O Expander market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

I/O expanders are used in conjunction with microcontrollers, microprocessors, or similar devices to increase the number of signal connections available to interface peripherals. A typical working concept involves using serial communication to read/write the state of many input/output pins on an expander device with just a few I/O lines on the host device. The communication speed of this technology is not good, but the connectivity is high, and it is best for applications where fast response is not critical

This report studies the global Open Drain I-O Expander production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Open Drain I-O Expander, 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 Open Drain I-O Expander that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Open Drain I-O Expander total production and demand, 2018-2029, (K Units)

Global Open Drain I-O Expander total production value, 2018-2029, (USD Million)

Global Open Drain I-O Expander production by region & country, production, value,

CAGR, 2018-2029, (USD Million) & (K Units)

Global Open Drain I-O Expander consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Open Drain I-O Expander domestic production, consumption, key domestic manufacturers and share

Global Open Drain I-O Expander production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Open Drain I-O Expander production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Open Drain I-O Expander production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Open Drain I-O Expander 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., ABLIC Inc., Diodes Incorporated, Infineon Technologies, Integrated Silicon Solution Inc, Lumissil Microsystems, MaxLinear, Inc., Microchip Technology and Nuvoton Technology Corporation, 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 Open Drain I-O Expander 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 Open Drain I-O Expander Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Open Drain I-O Expander Market, Segmentation by Type

Surface Mount

Through Hole Mounting

Global Open Drain I-O Expander Market, Segmentation by Application

Industry

Medical Instrument

Digital Product

Consumer Electronic

Other

Companies Profiled:

Analog Devices Inc.

ABLIC Inc.

Diodes Incorporated

Infineon Technologies

Integrated Silicon Solution Inc

Lumissil Microsystems

MaxLinear, Inc.

Microchip Technology

Nuvoton Technology Corporation

NXP USA Inc.

onsemi

Renesas Electronics America Inc

Rohm Semiconductor

Semtech Corporation

Silicon Labs

SparkFun Electronics

STMicroelectronics

Texas Instruments

Nanjing Qinheng Microelectronics Co., Ltd

Key Questions Answered

1. How big is the global Open Drain I-O Expander market?
2. What is the demand of the global Open Drain I-O Expander market?
3. What is the year over year growth of the global Open Drain I-O Expander market?
4. What is the production and production value of the global Open Drain I-O Expander market?
5. Who are the key producers in the global Open Drain I-O Expander market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

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

3 WORLD OPEN DRAIN I-O EXPANDER MANUFACTURERS COMPETITIVE ANALYSIS

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

Comparison (2018 & 2022 & 2029)

4.4 United States Based Open Drain I-O Expander Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Open Drain I-O Expander Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Open Drain I-O Expander Production Value (2018-2023)

4.4.3 United States Based Manufacturers Open Drain I-O Expander Production (2018-2023)

4.5 China Based Open Drain I-O Expander Manufacturers and Market Share

4.5.1 China Based Open Drain I-O Expander Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Open Drain I-O Expander Production Value (2018-2023)

4.5.3 China Based Manufacturers Open Drain I-O Expander Production (2018-2023)

4.6 Rest of World Based Open Drain I-O Expander Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Open Drain I-O Expander Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Open Drain I-O Expander Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Open Drain I-O Expander Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Open Drain I-O Expander Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Surface Mount

5.2.2 Through Hole Mounting

5.3 Market Segment by Type

5.3.1 World Open Drain I-O Expander Production by Type (2018-2029)

5.3.2 World Open Drain I-O Expander Production Value by Type (2018-2029)

5.3.3 World Open Drain I-O Expander Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Open Drain I-O Expander Market Size Overview by Application: 2018 VS

2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Industry

6.2.2 Medical Instrument

6.2.3 Digital Product

6.2.4 Consumer Electronic

6.2.5 Other

6.3 Market Segment by Application

6.3.1 World Open Drain I-O Expander Production by Application (2018-2029)

6.3.2 World Open Drain I-O Expander Production Value by Application (2018-2029)

6.3.3 World Open Drain I-O Expander 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. Open Drain I-O Expander Product and Services

7.1.4 Analog Devices Inc. Open Drain I-O Expander 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 ABLIC Inc.

7.2.1 ABLIC Inc. Details

7.2.2 ABLIC Inc. Major Business

7.2.3 ABLIC Inc. Open Drain I-O Expander Product and Services

7.2.4 ABLIC Inc. Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 ABLIC Inc. Recent Developments/Updates

7.2.6 ABLIC Inc. Competitive Strengths & Weaknesses

7.3 Diodes Incorporated

7.3.1 Diodes Incorporated Details

7.3.2 Diodes Incorporated Major Business

7.3.3 Diodes Incorporated Open Drain I-O Expander Product and Services

7.3.4 Diodes Incorporated Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Diodes Incorporated Recent Developments/Updates

7.3.6 Diodes Incorporated Competitive Strengths & Weaknesses

7.4 Infineon Technologies

- 7.4.1 Infineon Technologies Details
- 7.4.2 Infineon Technologies Major Business
- 7.4.3 Infineon Technologies Open Drain I-O Expander Product and Services
- 7.4.4 Infineon Technologies Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 Infineon Technologies Recent Developments/Updates
- 7.4.6 Infineon Technologies Competitive Strengths & Weaknesses
- 7.5 Integrated Silicon Solution Inc
 - 7.5.1 Integrated Silicon Solution Inc Details
 - 7.5.2 Integrated Silicon Solution Inc Major Business
 - 7.5.3 Integrated Silicon Solution Inc Open Drain I-O Expander Product and Services
 - 7.5.4 Integrated Silicon Solution Inc Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Integrated Silicon Solution Inc Recent Developments/Updates
 - 7.5.6 Integrated Silicon Solution Inc Competitive Strengths & Weaknesses
- 7.6 Lumissil Microsystems
 - 7.6.1 Lumissil Microsystems Details
 - 7.6.2 Lumissil Microsystems Major Business
 - 7.6.3 Lumissil Microsystems Open Drain I-O Expander Product and Services
 - 7.6.4 Lumissil Microsystems Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Lumissil Microsystems Recent Developments/Updates
 - 7.6.6 Lumissil Microsystems Competitive Strengths & Weaknesses
- 7.7 MaxLinear, Inc.
 - 7.7.1 MaxLinear, Inc. Details
 - 7.7.2 MaxLinear, Inc. Major Business
 - 7.7.3 MaxLinear, Inc. Open Drain I-O Expander Product and Services
 - 7.7.4 MaxLinear, Inc. Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 MaxLinear, Inc. Recent Developments/Updates
 - 7.7.6 MaxLinear, Inc. Competitive Strengths & Weaknesses
- 7.8 Microchip Technology
 - 7.8.1 Microchip Technology Details
 - 7.8.2 Microchip Technology Major Business
 - 7.8.3 Microchip Technology Open Drain I-O Expander Product and Services
 - 7.8.4 Microchip Technology Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Microchip Technology Recent Developments/Updates
 - 7.8.6 Microchip Technology Competitive Strengths & Weaknesses

7.9 Nuvoton Technology Corporation

7.9.1 Nuvoton Technology Corporation Details

7.9.2 Nuvoton Technology Corporation Major Business

7.9.3 Nuvoton Technology Corporation Open Drain I-O Expander Product and Services

7.9.4 Nuvoton Technology Corporation Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Nuvoton Technology Corporation Recent Developments/Updates

7.9.6 Nuvoton Technology Corporation Competitive Strengths & Weaknesses

7.10 NXP USA Inc.

7.10.1 NXP USA Inc. Details

7.10.2 NXP USA Inc. Major Business

7.10.3 NXP USA Inc. Open Drain I-O Expander Product and Services

7.10.4 NXP USA Inc. Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 NXP USA Inc. Recent Developments/Updates

7.10.6 NXP USA Inc. Competitive Strengths & Weaknesses

7.11 onsemi

7.11.1 onsemi Details

7.11.2 onsemi Major Business

7.11.3 onsemi Open Drain I-O Expander Product and Services

7.11.4 onsemi Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 onsemi Recent Developments/Updates

7.11.6 onsemi Competitive Strengths & Weaknesses

7.12 Renesas Electronics America Inc

7.12.1 Renesas Electronics America Inc Details

7.12.2 Renesas Electronics America Inc Major Business

7.12.3 Renesas Electronics America Inc Open Drain I-O Expander Product and Services

7.12.4 Renesas Electronics America Inc Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Renesas Electronics America Inc Recent Developments/Updates

7.12.6 Renesas Electronics America Inc Competitive Strengths & Weaknesses

7.13 Rohm Semiconductor

7.13.1 Rohm Semiconductor Details

7.13.2 Rohm Semiconductor Major Business

7.13.3 Rohm Semiconductor Open Drain I-O Expander Product and Services

7.13.4 Rohm Semiconductor Open Drain I-O Expander Production, Price, Value,

Gross Margin and Market Share (2018-2023)

7.13.5 Rohm Semiconductor Recent Developments/Updates

7.13.6 Rohm Semiconductor Competitive Strengths & Weaknesses

7.14 Semtech Corporation

7.14.1 Semtech Corporation Details

7.14.2 Semtech Corporation Major Business

7.14.3 Semtech Corporation Open Drain I-O Expander Product and Services

7.14.4 Semtech Corporation Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 Semtech Corporation Recent Developments/Updates

7.14.6 Semtech Corporation Competitive Strengths & Weaknesses

7.15 Silicon Labs

7.15.1 Silicon Labs Details

7.15.2 Silicon Labs Major Business

7.15.3 Silicon Labs Open Drain I-O Expander Product and Services

7.15.4 Silicon Labs Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 Silicon Labs Recent Developments/Updates

7.15.6 Silicon Labs Competitive Strengths & Weaknesses

7.16 SparkFun Electronics

7.16.1 SparkFun Electronics Details

7.16.2 SparkFun Electronics Major Business

7.16.3 SparkFun Electronics Open Drain I-O Expander Product and Services

7.16.4 SparkFun Electronics Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.16.5 SparkFun Electronics Recent Developments/Updates

7.16.6 SparkFun Electronics Competitive Strengths & Weaknesses

7.17 STMicroelectronics

7.17.1 STMicroelectronics Details

7.17.2 STMicroelectronics Major Business

7.17.3 STMicroelectronics Open Drain I-O Expander Product and Services

7.17.4 STMicroelectronics Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.17.5 STMicroelectronics Recent Developments/Updates

7.17.6 STMicroelectronics Competitive Strengths & Weaknesses

7.18 Texas Instruments

7.18.1 Texas Instruments Details

7.18.2 Texas Instruments Major Business

7.18.3 Texas Instruments Open Drain I-O Expander Product and Services

7.18.4 Texas Instruments Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.18.5 Texas Instruments Recent Developments/Updates

7.18.6 Texas Instruments Competitive Strengths & Weaknesses

7.19 Nanjing Qinheng Microelectronics Co., Ltd

7.19.1 Nanjing Qinheng Microelectronics Co., Ltd Details

7.19.2 Nanjing Qinheng Microelectronics Co., Ltd Major Business

7.19.3 Nanjing Qinheng Microelectronics Co., Ltd Open Drain I-O Expander Product and Services

7.19.4 Nanjing Qinheng Microelectronics Co., Ltd Open Drain I-O Expander Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.19.5 Nanjing Qinheng Microelectronics Co., Ltd Recent Developments/Updates

7.19.6 Nanjing Qinheng Microelectronics Co., Ltd Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Open Drain I-O Expander Industry Chain

8.2 Open Drain I-O Expander Upstream Analysis

8.2.1 Open Drain I-O Expander Core Raw Materials

8.2.2 Main Manufacturers of Open Drain I-O Expander Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Open Drain I-O Expander Production Mode

8.6 Open Drain I-O Expander Procurement Model

8.7 Open Drain I-O Expander Industry Sales Model and Sales Channels

8.7.1 Open Drain I-O Expander Sales Model

8.7.2 Open Drain I-O Expander 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 Open Drain I-O Expander Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World Open Drain I-O Expander Production Value by Region (2018-2023) & (USD Million)
- Table 3. World Open Drain I-O Expander Production Value by Region (2024-2029) & (USD Million)
- Table 4. World Open Drain I-O Expander Production Value Market Share by Region (2018-2023)
- Table 5. World Open Drain I-O Expander Production Value Market Share by Region (2024-2029)
- Table 6. World Open Drain I-O Expander Production by Region (2018-2023) & (K Units)
- Table 7. World Open Drain I-O Expander Production by Region (2024-2029) & (K Units)
- Table 8. World Open Drain I-O Expander Production Market Share by Region (2018-2023)
- Table 9. World Open Drain I-O Expander Production Market Share by Region (2024-2029)
- Table 10. World Open Drain I-O Expander Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World Open Drain I-O Expander Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. Open Drain I-O Expander Major Market Trends
- Table 13. World Open Drain I-O Expander Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)
- Table 14. World Open Drain I-O Expander Consumption by Region (2018-2023) & (K Units)
- Table 15. World Open Drain I-O Expander Consumption Forecast by Region (2024-2029) & (K Units)
- Table 16. World Open Drain I-O Expander Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key Open Drain I-O Expander Producers in 2022
- Table 18. World Open Drain I-O Expander Production by Manufacturer (2018-2023) & (K Units)
- Table 19. Production Market Share of Key Open Drain I-O Expander Producers in 2022
- Table 20. World Open Drain I-O Expander Average Price by Manufacturer (2018-2023)

& (US\$/Unit)

Table 21. Global Open Drain I-O Expander Company Evaluation Quadrant

Table 22. World Open Drain I-O Expander Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Open Drain I-O Expander Production Site of Key Manufacturer

Table 24. Open Drain I-O Expander Market: Company Product Type Footprint

Table 25. Open Drain I-O Expander Market: Company Product Application Footprint

Table 26. Open Drain I-O Expander Competitive Factors

Table 27. Open Drain I-O Expander New Entrant and Capacity Expansion Plans

Table 28. Open Drain I-O Expander Mergers & Acquisitions Activity

Table 29. United States VS China Open Drain I-O Expander Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Open Drain I-O Expander Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Open Drain I-O Expander Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Open Drain I-O Expander Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Open Drain I-O Expander Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Open Drain I-O Expander Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Open Drain I-O Expander Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Open Drain I-O Expander Production Market Share (2018-2023)

Table 37. China Based Open Drain I-O Expander Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Open Drain I-O Expander Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Open Drain I-O Expander Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Open Drain I-O Expander Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Open Drain I-O Expander Production Market Share (2018-2023)

Table 42. Rest of World Based Open Drain I-O Expander Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Open Drain I-O Expander Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Open Drain I-O Expander Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Open Drain I-O Expander Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Open Drain I-O Expander Production Market Share (2018-2023)

Table 47. World Open Drain I-O Expander Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Open Drain I-O Expander Production by Type (2018-2023) & (K Units)

Table 49. World Open Drain I-O Expander Production by Type (2024-2029) & (K Units)

Table 50. World Open Drain I-O Expander Production Value by Type (2018-2023) & (USD Million)

Table 51. World Open Drain I-O Expander Production Value by Type (2024-2029) & (USD Million)

Table 52. World Open Drain I-O Expander Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Open Drain I-O Expander Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Open Drain I-O Expander Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Open Drain I-O Expander Production by Application (2018-2023) & (K Units)

Table 56. World Open Drain I-O Expander Production by Application (2024-2029) & (K Units)

Table 57. World Open Drain I-O Expander Production Value by Application (2018-2023) & (USD Million)

Table 58. World Open Drain I-O Expander Production Value by Application (2024-2029) & (USD Million)

Table 59. World Open Drain I-O Expander Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Open Drain I-O Expander 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. Open Drain I-O Expander Product and Services

Table 64. Analog Devices Inc. Open Drain I-O Expander 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. ABLIC Inc. Basic Information, Manufacturing Base and Competitors

Table 68. ABLIC Inc. Major Business

Table 69. ABLIC Inc. Open Drain I-O Expander Product and Services

Table 70. ABLIC Inc. Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. ABLIC Inc. Recent Developments/Updates

Table 72. ABLIC Inc. Competitive Strengths & Weaknesses

Table 73. Diodes Incorporated Basic Information, Manufacturing Base and Competitors

Table 74. Diodes Incorporated Major Business

Table 75. Diodes Incorporated Open Drain I-O Expander Product and Services

Table 76. Diodes Incorporated Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Diodes Incorporated Recent Developments/Updates

Table 78. Diodes Incorporated Competitive Strengths & Weaknesses

Table 79. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 80. Infineon Technologies Major Business

Table 81. Infineon Technologies Open Drain I-O Expander Product and Services

Table 82. Infineon Technologies Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Infineon Technologies Recent Developments/Updates

Table 84. Infineon Technologies Competitive Strengths & Weaknesses

Table 85. Integrated Silicon Solution Inc Basic Information, Manufacturing Base and Competitors

Table 86. Integrated Silicon Solution Inc Major Business

Table 87. Integrated Silicon Solution Inc Open Drain I-O Expander Product and Services

Table 88. Integrated Silicon Solution Inc Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Integrated Silicon Solution Inc Recent Developments/Updates

Table 90. Integrated Silicon Solution Inc Competitive Strengths & Weaknesses

Table 91. Lumissil Microsystems Basic Information, Manufacturing Base and Competitors

- Table 92. Lumissil Microsystems Major Business
- Table 93. Lumissil Microsystems Open Drain I-O Expander Product and Services
- Table 94. Lumissil Microsystems Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Lumissil Microsystems Recent Developments/Updates
- Table 96. Lumissil Microsystems Competitive Strengths & Weaknesses
- Table 97. MaxLinear, Inc. Basic Information, Manufacturing Base and Competitors
- Table 98. MaxLinear, Inc. Major Business
- Table 99. MaxLinear, Inc. Open Drain I-O Expander Product and Services
- Table 100. MaxLinear, Inc. Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. MaxLinear, Inc. Recent Developments/Updates
- Table 102. MaxLinear, Inc. Competitive Strengths & Weaknesses
- Table 103. Microchip Technology Basic Information, Manufacturing Base and Competitors
- Table 104. Microchip Technology Major Business
- Table 105. Microchip Technology Open Drain I-O Expander Product and Services
- Table 106. Microchip Technology Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Microchip Technology Recent Developments/Updates
- Table 108. Microchip Technology Competitive Strengths & Weaknesses
- Table 109. Nuvoton Technology Corporation Basic Information, Manufacturing Base and Competitors
- Table 110. Nuvoton Technology Corporation Major Business
- Table 111. Nuvoton Technology Corporation Open Drain I-O Expander Product and Services
- Table 112. Nuvoton Technology Corporation Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Nuvoton Technology Corporation Recent Developments/Updates
- Table 114. Nuvoton Technology Corporation Competitive Strengths & Weaknesses
- Table 115. NXP USA Inc. Basic Information, Manufacturing Base and Competitors
- Table 116. NXP USA Inc. Major Business
- Table 117. NXP USA Inc. Open Drain I-O Expander Product and Services
- Table 118. NXP USA Inc. Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 119. NXP USA Inc. Recent Developments/Updates

Table 120. NXP USA Inc. Competitive Strengths & Weaknesses

Table 121. onsemi Basic Information, Manufacturing Base and Competitors

Table 122. onsemi Major Business

Table 123. onsemi Open Drain I-O Expander Product and Services

Table 124. onsemi Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. onsemi Recent Developments/Updates

Table 126. onsemi Competitive Strengths & Weaknesses

Table 127. Renesas Electronics America Inc Basic Information, Manufacturing Base and Competitors

Table 128. Renesas Electronics America Inc Major Business

Table 129. Renesas Electronics America Inc Open Drain I-O Expander Product and Services

Table 130. Renesas Electronics America Inc Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Renesas Electronics America Inc Recent Developments/Updates

Table 132. Renesas Electronics America Inc Competitive Strengths & Weaknesses

Table 133. Rohm Semiconductor Basic Information, Manufacturing Base and Competitors

Table 134. Rohm Semiconductor Major Business

Table 135. Rohm Semiconductor Open Drain I-O Expander Product and Services

Table 136. Rohm Semiconductor Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Rohm Semiconductor Recent Developments/Updates

Table 138. Rohm Semiconductor Competitive Strengths & Weaknesses

Table 139. Semtech Corporation Basic Information, Manufacturing Base and Competitors

Table 140. Semtech Corporation Major Business

Table 141. Semtech Corporation Open Drain I-O Expander Product and Services

Table 142. Semtech Corporation Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Semtech Corporation Recent Developments/Updates

Table 144. Semtech Corporation Competitive Strengths & Weaknesses

Table 145. Silicon Labs Basic Information, Manufacturing Base and Competitors

Table 146. Silicon Labs Major Business

Table 147. Silicon Labs Open Drain I-O Expander Product and Services

Table 148. Silicon Labs Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. Silicon Labs Recent Developments/Updates

Table 150. Silicon Labs Competitive Strengths & Weaknesses

Table 151. SparkFun Electronics Basic Information, Manufacturing Base and Competitors

Table 152. SparkFun Electronics Major Business

Table 153. SparkFun Electronics Open Drain I-O Expander Product and Services

Table 154. SparkFun Electronics Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. SparkFun Electronics Recent Developments/Updates

Table 156. SparkFun Electronics Competitive Strengths & Weaknesses

Table 157. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 158. STMicroelectronics Major Business

Table 159. STMicroelectronics Open Drain I-O Expander Product and Services

Table 160. STMicroelectronics Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. STMicroelectronics Recent Developments/Updates

Table 162. STMicroelectronics Competitive Strengths & Weaknesses

Table 163. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 164. Texas Instruments Major Business

Table 165. Texas Instruments Open Drain I-O Expander Product and Services

Table 166. Texas Instruments Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 167. Texas Instruments Recent Developments/Updates

Table 168. Nanjing Qinheng Microelectronics Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 169. Nanjing Qinheng Microelectronics Co., Ltd Major Business

Table 170. Nanjing Qinheng Microelectronics Co., Ltd Open Drain I-O Expander Product and Services

Table 171. Nanjing Qinheng Microelectronics Co., Ltd Open Drain I-O Expander Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 172. Global Key Players of Open Drain I-O Expander Upstream (Raw Materials)

Table 173. Open Drain I-O Expander Typical Customers

Table 174. Open Drain I-O Expander Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Open Drain I-O Expander Picture
- Figure 2. World Open Drain I-O Expander Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Open Drain I-O Expander Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Open Drain I-O Expander Production (2018-2029) & (K Units)
- Figure 5. World Open Drain I-O Expander Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Open Drain I-O Expander Production Value Market Share by Region (2018-2029)
- Figure 7. World Open Drain I-O Expander Production Market Share by Region (2018-2029)
- Figure 8. North America Open Drain I-O Expander Production (2018-2029) & (K Units)
- Figure 9. Europe Open Drain I-O Expander Production (2018-2029) & (K Units)
- Figure 10. China Open Drain I-O Expander Production (2018-2029) & (K Units)
- Figure 11. Japan Open Drain I-O Expander Production (2018-2029) & (K Units)
- Figure 12. South Korea Open Drain I-O Expander Production (2018-2029) & (K Units)
- Figure 13. Open Drain I-O Expander Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Open Drain I-O Expander Consumption (2018-2029) & (K Units)
- Figure 16. World Open Drain I-O Expander Consumption Market Share by Region (2018-2029)
- Figure 17. United States Open Drain I-O Expander Consumption (2018-2029) & (K Units)
- Figure 18. China Open Drain I-O Expander Consumption (2018-2029) & (K Units)
- Figure 19. Europe Open Drain I-O Expander Consumption (2018-2029) & (K Units)
- Figure 20. Japan Open Drain I-O Expander Consumption (2018-2029) & (K Units)
- Figure 21. South Korea Open Drain I-O Expander Consumption (2018-2029) & (K Units)
- Figure 22. ASEAN Open Drain I-O Expander Consumption (2018-2029) & (K Units)
- Figure 23. India Open Drain I-O Expander Consumption (2018-2029) & (K Units)
- Figure 24. Producer Shipments of Open Drain I-O Expander by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Open Drain I-O Expander Markets in 2022
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Open Drain I-O Expander Markets in 2022

Figure 27. United States VS China: Open Drain I-O Expander Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Open Drain I-O Expander Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Open Drain I-O Expander Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Open Drain I-O Expander Production Market Share 2022

Figure 31. China Based Manufacturers Open Drain I-O Expander Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Open Drain I-O Expander Production Market Share 2022

Figure 33. World Open Drain I-O Expander Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Open Drain I-O Expander Production Value Market Share by Type in 2022

Figure 35. Surface Mount

Figure 36. Through Hole Mounting

Figure 37. World Open Drain I-O Expander Production Market Share by Type (2018-2029)

Figure 38. World Open Drain I-O Expander Production Value Market Share by Type (2018-2029)

Figure 39. World Open Drain I-O Expander Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Open Drain I-O Expander Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Open Drain I-O Expander Production Value Market Share by Application in 2022

Figure 42. Industry

Figure 43. Medical Instrument

Figure 44. Digital Product

Figure 45. Consumer Electronic

Figure 46. Other

Figure 47. World Open Drain I-O Expander Production Market Share by Application (2018-2029)

Figure 48. World Open Drain I-O Expander Production Value Market Share by Application (2018-2029)

Figure 49. World Open Drain I-O Expander Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. Open Drain I-O Expander Industry Chain

Figure 51. Open Drain I-O Expander Procurement Model

Figure 52. Open Drain I-O Expander Sales Model

Figure 53. Open Drain I-O Expander Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

I would like to order

Product name: Global Open Drain I-O Expander Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G23DE2879016EN.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/G23DE2879016EN.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