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Global Open Drain I-O Expander Market Growth 2026-2032

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Abstracts

The global Open Drain I-O Expander market size is predicted to grow from US$ million in 2025 to US$ million in 2032; it is expected to grow at a CAGR of %from 2026 to 2032.

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

United States market for Open Drain I-O Expander is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Open Drain I-O Expander is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Open Drain I-O Expander is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Open Drain I-O Expander players cover Analog Devices Inc., ABLIC Inc., Diodes Incorporated, Infineon Technologies, Integrated Silicon Solution Inc, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Open Drain I-O Expander

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Industry Forecast? looks at past sales and reviews total world Open Drain I-O Expander sales in 2025, providing a comprehensive analysis by region and market sector of projected Open Drain I-O Expander sales for 2026 through 2032. With Open Drain I-O Expander sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Open Drain I-O Expander industry.

This Insight Report provides a comprehensive analysis of the global Open Drain I-O Expander landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Open Drain I-O Expander portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global Open Drain I-O Expander market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Open Drain I-O Expander and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Open Drain I-O Expander.

This report presents a comprehensive overview, market shares, and growth opportunities of Open Drain I-O Expander market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Surface Mount

Through Hole Mounting

Segmentation by Application:

Industry

Medical Instrument

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Digital Product

Consumer Electronic

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

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UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

Analog Devices Inc.

ABLIC Inc.

Diodes Incorporated

Infineon Technologies

Integrated Silicon Solution Inc

Lumissil Microsystems

MaxLinear, Inc.

Microchip Technology

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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 Addressed in this Report

What is the 10-year outlook for the global Open Drain I-O Expander market?

What factors are driving Open Drain I-O Expander market growth, globally and by region?

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

How do Open Drain I-O Expander market opportunities vary by end market size?

How does Open Drain I-O Expander break out by Type, by Application?

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Contents

1 SCOPE OF THE REPORT

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

2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global Open Drain I-O Expander Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for Open Drain I-O Expander by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for Open Drain I-O Expander by Country/Region, 2021, 2025 & 2032
2.2 Open Drain I-O Expander Segment by Type
  2.2.1 Surface Mount
  2.2.2 Through Hole Mounting
  2.2.3 Open Drain I-O Expander Sales by Type
    2.2.3.1 Global Open Drain I-O Expander Sales Market Share by Type (2021-2026)
    2.2.3.2 Global Open Drain I-O Expander Revenue and Market Share by Type (2021-2026)
    2.2.3.3 Global Open Drain I-O Expander Sale Price by Type (2021-2026)
2.3 Open Drain I-O Expander Segment by Application
  2.3.1 Industry
  2.3.2 Medical Instrument
  2.3.3 Digital Product
  2.3.4 Consumer Electronic
  2.3.5 Other
  2.3.6 Open Drain I-O Expander Sales by Application
    2.3.6.1 Global Open Drain I-O Expander Sale Market Share by Application (2021-2026)
    2.3.6.2 Global Open Drain I-O Expander Revenue and Market Share by Application

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(2021-2026)
2.3.6.3 Global Open Drain I-O Expander Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Open Drain I-O Expander Breakdown Data by Company
3.1.1 Global Open Drain I-O Expander Annual Sales by Company (2021-2026)
3.1.2 Global Open Drain I-O Expander Sales Market Share by Company (2021-2026)
3.2 Global Open Drain I-O Expander Annual Revenue by Company (2021-2026)
3.2.1 Global Open Drain I-O Expander Revenue by Company (2021-2026)
3.2.2 Global Open Drain I-O Expander Revenue Market Share by Company (2021-2026)
3.3 Global Open Drain I-O Expander Sale Price by Company
3.4 Key Manufacturers Open Drain I-O Expander Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Open Drain I-O Expander Product Location Distribution
3.4.2 Players Open Drain I-O Expander Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR OPEN DRAIN I-O EXPANDER BY GEOGRAPHIC REGION

4.1 World Historic Open Drain I-O Expander Market Size by Geographic Region (2021-2026)
4.1.1 Global Open Drain I-O Expander Annual Sales by Geographic Region (2021-2026)
4.1.2 Global Open Drain I-O Expander Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic Open Drain I-O Expander Market Size by Country/Region (2021-2026)
4.2.1 Global Open Drain I-O Expander Annual Sales by Country/Region (2021-2026)
4.2.2 Global Open Drain I-O Expander Annual Revenue by Country/Region (2021-2026)
4.3 Americas Open Drain I-O Expander Sales Growth
4.4 APAC Open Drain I-O Expander Sales Growth

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4.5 Europe Open Drain I-O Expander Sales Growth
4.6 Middle East & Africa Open Drain I-O Expander Sales Growth

5 AMERICAS

5.1 Americas Open Drain I-O Expander Sales by Country
  5.1.1 Americas Open Drain I-O Expander Sales by Country (2021-2026)
  5.1.2 Americas Open Drain I-O Expander Revenue by Country (2021-2026)
5.2 Americas Open Drain I-O Expander Sales by Type (2021-2026)
5.3 Americas Open Drain I-O Expander Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Open Drain I-O Expander Sales by Region
  6.1.1 APAC Open Drain I-O Expander Sales by Region (2021-2026)
  6.1.2 APAC Open Drain I-O Expander Revenue by Region (2021-2026)
6.2 APAC Open Drain I-O Expander Sales by Type (2021-2026)
6.3 APAC Open Drain I-O Expander Sales by Application (2021-2026)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe Open Drain I-O Expander by Country
  7.1.1 Europe Open Drain I-O Expander Sales by Country (2021-2026)
  7.1.2 Europe Open Drain I-O Expander Revenue by Country (2021-2026)
7.2 Europe Open Drain I-O Expander Sales by Type (2021-2026)
7.3 Europe Open Drain I-O Expander Sales by Application (2021-2026)
7.4 Germany
7.5 France

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7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Open Drain I-O Expander by Country
  8.1.1 Middle East & Africa Open Drain I-O Expander Sales by Country (2021-2026)
  8.1.2 Middle East & Africa Open Drain I-O Expander Revenue by Country (2021-2026)
8.2 Middle East & Africa Open Drain I-O Expander Sales by Type (2021-2026)
8.3 Middle East & Africa Open Drain I-O Expander Sales by Application (2021-2026)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities
9.2 Market Challenges & Risks
9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of Open Drain I-O Expander
10.3 Manufacturing Process Analysis of Open Drain I-O Expander
10.4 Industry Chain Structure of Open Drain I-O Expander

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Open Drain I-O Expander Distributors
11.3 Open Drain I-O Expander Customer

12 WORLD FORECAST REVIEW FOR OPEN DRAIN I-O EXPANDER BY

+357 96 030922
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GEOGRAPHIC REGION

12.1 Global Open Drain I-O Expander Market Size Forecast by Region
12.1.1 Global Open Drain I-O Expander Forecast by Region (2027-2032)
12.1.2 Global Open Drain I-O Expander Annual Revenue Forecast by Region (2027-2032)
12.2 Americas Forecast by Country (2027-2032)
12.3 APAC Forecast by Region (2027-2032)
12.4 Europe Forecast by Country (2027-2032)
12.5 Middle East & Africa Forecast by Country (2027-2032)
12.6 Global Open Drain I-O Expander Forecast by Type (2027-2032)
12.7 Global Open Drain I-O Expander Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Analog Devices Inc.
13.1.1 Analog Devices Inc. Company Information
13.1.2 Analog Devices Inc. Open Drain I-O Expander Product Portfolios and Specifications
13.1.3 Analog Devices Inc. Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.1.4 Analog Devices Inc. Main Business Overview
13.1.5 Analog Devices Inc. Latest Developments
13.2 ABLIC Inc.
13.2.1 ABLIC Inc. Company Information
13.2.2 ABLIC Inc. Open Drain I-O Expander Product Portfolios and Specifications
13.2.3 ABLIC Inc. Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.2.4 ABLIC Inc. Main Business Overview
13.2.5 ABLIC Inc. Latest Developments
13.3 Diodes Incorporated
13.3.1 Diodes Incorporated Company Information
13.3.2 Diodes Incorporated Open Drain I-O Expander Product Portfolios and Specifications
13.3.3 Diodes Incorporated Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.3.4 Diodes Incorporated Main Business Overview
13.3.5 Diodes Incorporated Latest Developments
13.4 Infineon Technologies

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13.4.1 Infineon Technologies Company Information
13.4.2 Infineon Technologies Open Drain I-O Expander Product Portfolios and Specifications
13.4.3 Infineon Technologies Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.4.4 Infineon Technologies Main Business Overview
13.4.5 Infineon Technologies Latest Developments
13.5 Integrated Silicon Solution Inc
13.5.1 Integrated Silicon Solution Inc Company Information
13.5.2 Integrated Silicon Solution Inc Open Drain I-O Expander Product Portfolios and Specifications
13.5.3 Integrated Silicon Solution Inc Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.5.4 Integrated Silicon Solution Inc Main Business Overview
13.5.5 Integrated Silicon Solution Inc Latest Developments
13.6 Lumissil Microsystems
13.6.1 Lumissil Microsystems Company Information
13.6.2 Lumissil Microsystems Open Drain I-O Expander Product Portfolios and Specifications
13.6.3 Lumissil Microsystems Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.6.4 Lumissil Microsystems Main Business Overview
13.6.5 Lumissil Microsystems Latest Developments
13.7 MaxLinear, Inc.
13.7.1 MaxLinear, Inc. Company Information
13.7.2 MaxLinear, Inc. Open Drain I-O Expander Product Portfolios and Specifications
13.7.3 MaxLinear, Inc. Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.7.4 MaxLinear, Inc. Main Business Overview
13.7.5 MaxLinear, Inc. Latest Developments
13.8 Microchip Technology
13.8.1 Microchip Technology Company Information
13.8.2 Microchip Technology Open Drain I-O Expander Product Portfolios and Specifications
13.8.3 Microchip Technology Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.8.4 Microchip Technology Main Business Overview
13.8.5 Microchip Technology Latest Developments
13.9 Nuvoton Technology Corporation

+357 96 030922
info@marketpublishers.com

13.9.1 Nuvoton Technology Corporation Company Information
13.9.2 Nuvoton Technology Corporation Open Drain I-O Expander Product Portfolios and Specifications
13.9.3 Nuvoton Technology Corporation Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.9.4 Nuvoton Technology Corporation Main Business Overview
13.9.5 Nuvoton Technology Corporation Latest Developments
13.10 NXP USA Inc.
13.10.1 NXP USA Inc. Company Information
13.10.2 NXP USA Inc. Open Drain I-O Expander Product Portfolios and Specifications
13.10.3 NXP USA Inc. Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.10.4 NXP USA Inc. Main Business Overview
13.10.5 NXP USA Inc. Latest Developments
13.11 onsemi
13.11.1 onsemi Company Information
13.11.2 onsemi Open Drain I-O Expander Product Portfolios and Specifications
13.11.3 onsemi Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.11.4 onsemi Main Business Overview
13.11.5 onsemi Latest Developments
13.12 Renesas Electronics America Inc
13.12.1 Renesas Electronics America Inc Company Information
13.12.2 Renesas Electronics America Inc Open Drain I-O Expander Product Portfolios and Specifications
13.12.3 Renesas Electronics America Inc Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.12.4 Renesas Electronics America Inc Main Business Overview
13.12.5 Renesas Electronics America Inc Latest Developments
13.13 Rohm Semiconductor
13.13.1 Rohm Semiconductor Company Information
13.13.2 Rohm Semiconductor Open Drain I-O Expander Product Portfolios and Specifications
13.13.3 Rohm Semiconductor Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.13.4 Rohm Semiconductor Main Business Overview
13.13.5 Rohm Semiconductor Latest Developments
13.14 Semtech Corporation
13.14.1 Semtech Corporation Company Information

+357 96 030922
info@marketpublishers.com

13.14.2 Semtech Corporation Open Drain I-O Expander Product Portfolios and Specifications
13.14.3 Semtech Corporation Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.14.4 Semtech Corporation Main Business Overview
13.14.5 Semtech Corporation Latest Developments
13.15 Silicon Labs
13.15.1 Silicon Labs Company Information
13.15.2 Silicon Labs Open Drain I-O Expander Product Portfolios and Specifications
13.15.3 Silicon Labs Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.15.4 Silicon Labs Main Business Overview
13.15.5 Silicon Labs Latest Developments
13.16 SparkFun Electronics
13.16.1 SparkFun Electronics Company Information
13.16.2 SparkFun Electronics Open Drain I-O Expander Product Portfolios and Specifications
13.16.3 SparkFun Electronics Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.16.4 SparkFun Electronics Main Business Overview
13.16.5 SparkFun Electronics Latest Developments
13.17 STMicroelectronics
13.17.1 STMicroelectronics Company Information
13.17.2 STMicroelectronics Open Drain I-O Expander Product Portfolios and Specifications
13.17.3 STMicroelectronics Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.17.4 STMicroelectronics Main Business Overview
13.17.5 STMicroelectronics Latest Developments
13.18 Texas Instruments
13.18.1 Texas Instruments Company Information
13.18.2 Texas Instruments Open Drain I-O Expander Product Portfolios and Specifications
13.18.3 Texas Instruments Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.18.4 Texas Instruments Main Business Overview
13.18.5 Texas Instruments Latest Developments
13.19 Nanjing Qinheng Microelectronics Co., Ltd
13.19.1 Nanjing Qinheng Microelectronics Co., Ltd Company Information

+357 96 030922
info@marketpublishers.com

13.19.2 Nanjing Qinheng Microelectronics Co., Ltd Open Drain I-O Expander Product Portfolios and Specifications
13.19.3 Nanjing Qinheng Microelectronics Co., Ltd Open Drain I-O Expander Sales, Revenue, Price and Gross Margin (2021-2026)
13.19.4 Nanjing Qinheng Microelectronics Co., Ltd Main Business Overview
13.19.5 Nanjing Qinheng Microelectronics Co., Ltd Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Open Drain I-O Expander Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. Open Drain I-O Expander Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of Surface Mount
Table 4. Major Players of Through Hole Mounting
Table 5. Global Open Drain I-O Expander Sales by Type (2021-2026) & (K Units)
Table 6. Global Open Drain I-O Expander Sales Market Share by Type (2021-2026)
Table 7. Global Open Drain I-O Expander Revenue by Type (2021-2026) & ($ million)
Table 8. Global Open Drain I-O Expander Revenue Market Share by Type (2021-2026)
Table 9. Global Open Drain I-O Expander Sale Price by Type (2021-2026) & (US$/Unit)
Table 10. Global Open Drain I-O Expander Sale by Application (2021-2026) & (K Units)
Table 11. Global Open Drain I-O Expander Sale Market Share by Application (2021-2026)
Table 12. Global Open Drain I-O Expander Revenue by Application (2021-2026) & ($ million)
Table 13. Global Open Drain I-O Expander Revenue Market Share by Application (2021-2026)
Table 14. Global Open Drain I-O Expander Sale Price by Application (2021-2026) & (US$/Unit)
Table 15. Global Open Drain I-O Expander Sales by Company (2021-2026) & (K Units)
Table 16. Global Open Drain I-O Expander Sales Market Share by Company (2021-2026)
Table 17. Global Open Drain I-O Expander Revenue by Company (2021-2026) & ($ millions)
Table 18. Global Open Drain I-O Expander Revenue Market Share by Company (2021-2026)
Table 19. Global Open Drain I-O Expander Sale Price by Company (2021-2026) & (US$/Unit)
Table 20. Key Manufacturers Open Drain I-O Expander Producing Area Distribution and Sales Area
Table 21. Players Open Drain I-O Expander Products Offered
Table 22. Open Drain I-O Expander Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 23. New Products and Potential Entrants

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Table 24. Market M&A Activity & Strategy
Table 25. Global Open Drain I-O Expander Sales by Geographic Region (2021-2026) & (K Units)
Table 26. Global Open Drain I-O Expander Sales Market Share Geographic Region (2021-2026)
Table 27. Global Open Drain I-O Expander Revenue by Geographic Region (2021-2026) & ($ millions)
Table 28. Global Open Drain I-O Expander Revenue Market Share by Geographic Region (2021-2026)
Table 29. Global Open Drain I-O Expander Sales by Country/Region (2021-2026) & (K Units)
Table 30. Global Open Drain I-O Expander Sales Market Share by Country/Region (2021-2026)
Table 31. Global Open Drain I-O Expander Revenue by Country/Region (2021-2026) & ($ millions)
Table 32. Global Open Drain I-O Expander Revenue Market Share by Country/Region (2021-2026)
Table 33. Americas Open Drain I-O Expander Sales by Country (2021-2026) & (K Units)
Table 34. Americas Open Drain I-O Expander Sales Market Share by Country (2021-2026)
Table 35. Americas Open Drain I-O Expander Revenue by Country (2021-2026) & ($ millions)
Table 36. Americas Open Drain I-O Expander Sales by Type (2021-2026) & (K Units)
Table 37. Americas Open Drain I-O Expander Sales by Application (2021-2026) & (K Units)
Table 38. APAC Open Drain I-O Expander Sales by Region (2021-2026) & (K Units)
Table 39. APAC Open Drain I-O Expander Sales Market Share by Region (2021-2026)
Table 40. APAC Open Drain I-O Expander Revenue by Region (2021-2026) & ($ millions)
Table 41. APAC Open Drain I-O Expander Sales by Type (2021-2026) & (K Units)
Table 42. APAC Open Drain I-O Expander Sales by Application (2021-2026) & (K Units)
Table 43. Europe Open Drain I-O Expander Sales by Country (2021-2026) & (K Units)
Table 44. Europe Open Drain I-O Expander Revenue by Country (2021-2026) & ($ millions)
Table 45. Europe Open Drain I-O Expander Sales by Type (2021-2026) & (K Units)
Table 46. Europe Open Drain I-O Expander Sales by Application (2021-2026) & (K Units)
Table 47. Middle East & Africa Open Drain I-O Expander Sales by Country (2021-2026) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 48. Middle East & Africa Open Drain I-O Expander Revenue Market Share by Country (2021-2026)
Table 49. Middle East & Africa Open Drain I-O Expander Sales by Type (2021-2026) & (K Units)
Table 50. Middle East & Africa Open Drain I-O Expander Sales by Application (2021-2026) & (K Units)
Table 51. Key Market Drivers & Growth Opportunities of Open Drain I-O Expander
Table 52. Key Market Challenges & Risks of Open Drain I-O Expander
Table 53. Key Industry Trends of Open Drain I-O Expander
Table 54. Open Drain I-O Expander Raw Material
Table 55. Key Suppliers of Raw Materials
Table 56. Open Drain I-O Expander Distributors List
Table 57. Open Drain I-O Expander Customer List
Table 58. Global Open Drain I-O Expander Sales Forecast by Region (2027-2032) & (K Units)
Table 59. Global Open Drain I-O Expander Revenue Forecast by Region (2027-2032) & ($ millions)
Table 60. Americas Open Drain I-O Expander Sales Forecast by Country (2027-2032) & (K Units)
Table 61. Americas Open Drain I-O Expander Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 62. APAC Open Drain I-O Expander Sales Forecast by Region (2027-2032) & (K Units)
Table 63. APAC Open Drain I-O Expander Annual Revenue Forecast by Region (2027-2032) & ($ millions)
Table 64. Europe Open Drain I-O Expander Sales Forecast by Country (2027-2032) & (K Units)
Table 65. Europe Open Drain I-O Expander Revenue Forecast by Country (2027-2032) & ($ millions)
Table 66. Middle East & Africa Open Drain I-O Expander Sales Forecast by Country (2027-2032) & (K Units)
Table 67. Middle East & Africa Open Drain I-O Expander Revenue Forecast by Country (2027-2032) & ($ millions)
Table 68. Global Open Drain I-O Expander Sales Forecast by Type (2027-2032) & (K Units)
Table 69. Global Open Drain I-O Expander Revenue Forecast by Type (2027-2032) & ($ millions)
Table 70. Global Open Drain I-O Expander Sales Forecast by Application (2027-2032) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 71. Global Open Drain I-O Expander Revenue Forecast by Application (2027-2032) & ($ millions)
Table 72. Analog Devices Inc. Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 73. Analog Devices Inc. Open Drain I-O Expander Product Portfolios and Specifications
Table 74. Analog Devices Inc. Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 75. Analog Devices Inc. Main Business
Table 76. Analog Devices Inc. Latest Developments
Table 77. ABLIC Inc. Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 78. ABLIC Inc. Open Drain I-O Expander Product Portfolios and Specifications
Table 79. ABLIC Inc. Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 80. ABLIC Inc. Main Business
Table 81. ABLIC Inc. Latest Developments
Table 82. Diodes Incorporated Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 83. Diodes Incorporated Open Drain I-O Expander Product Portfolios and Specifications
Table 84. Diodes Incorporated Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 85. Diodes Incorporated Main Business
Table 86. Diodes Incorporated Latest Developments
Table 87. Infineon Technologies Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 88. Infineon Technologies Open Drain I-O Expander Product Portfolios and Specifications
Table 89. Infineon Technologies Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 90. Infineon Technologies Main Business
Table 91. Infineon Technologies Latest Developments
Table 92. Integrated Silicon Solution Inc Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 93. Integrated Silicon Solution Inc Open Drain I-O Expander Product Portfolios and Specifications
Table 94. Integrated Silicon Solution Inc Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)

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Table 95. Integrated Silicon Solution Inc Main Business
Table 96. Integrated Silicon Solution Inc Latest Developments
Table 97. Lumissil Microsystems Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 98. Lumissil Microsystems Open Drain I-O Expander Product Portfolios and Specifications
Table 99. Lumissil Microsystems Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 100. Lumissil Microsystems Main Business
Table 101. Lumissil Microsystems Latest Developments
Table 102. MaxLinear, Inc. Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 103. MaxLinear, Inc. Open Drain I-O Expander Product Portfolios and Specifications
Table 104. MaxLinear, Inc. Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 105. MaxLinear, Inc. Main Business
Table 106. MaxLinear, Inc. Latest Developments
Table 107. Microchip Technology Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 108. Microchip Technology Open Drain I-O Expander Product Portfolios and Specifications
Table 109. Microchip Technology Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 110. Microchip Technology Main Business
Table 111. Microchip Technology Latest Developments
Table 112. Nuvoton Technology Corporation Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 113. Nuvoton Technology Corporation Open Drain I-O Expander Product Portfolios and Specifications
Table 114. Nuvoton Technology Corporation Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 115. Nuvoton Technology Corporation Main Business
Table 116. Nuvoton Technology Corporation Latest Developments
Table 117. NXP USA Inc. Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 118. NXP USA Inc. Open Drain I-O Expander Product Portfolios and Specifications
Table 119. NXP USA Inc. Open Drain I-O Expander Sales (K Units), Revenue ($

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Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 120. NXP USA Inc. Main Business
Table 121. NXP USA Inc. Latest Developments
Table 122. onsemi Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 123. onsemi Open Drain I-O Expander Product Portfolios and Specifications
Table 124. onsemi Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 125. onsemi Main Business
Table 126. onsemi Latest Developments
Table 127. Renesas Electronics America Inc Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 128. Renesas Electronics America Inc Open Drain I-O Expander Product Portfolios and Specifications
Table 129. Renesas Electronics America Inc Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 130. Renesas Electronics America Inc Main Business
Table 131. Renesas Electronics America Inc Latest Developments
Table 132. Rohm Semiconductor Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 133. Rohm Semiconductor Open Drain I-O Expander Product Portfolios and Specifications
Table 134. Rohm Semiconductor Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 135. Rohm Semiconductor Main Business
Table 136. Rohm Semiconductor Latest Developments
Table 137. Semtech Corporation Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 138. Semtech Corporation Open Drain I-O Expander Product Portfolios and Specifications
Table 139. Semtech Corporation Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 140. Semtech Corporation Main Business
Table 141. Semtech Corporation Latest Developments
Table 142. Silicon Labs Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 143. Silicon Labs Open Drain I-O Expander Product Portfolios and Specifications
Table 144. Silicon Labs Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)

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Table 145. Silicon Labs Main Business
Table 146. Silicon Labs Latest Developments
Table 147. SparkFun Electronics Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 148. SparkFun Electronics Open Drain I-O Expander Product Portfolios and Specifications
Table 149. SparkFun Electronics Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 150. SparkFun Electronics Main Business
Table 151. SparkFun Electronics Latest Developments
Table 152. STMicroelectronics Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 153. STMicroelectronics Open Drain I-O Expander Product Portfolios and Specifications
Table 154. STMicroelectronics Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 155. STMicroelectronics Main Business
Table 156. STMicroelectronics Latest Developments
Table 157. Texas Instruments Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 158. Texas Instruments Open Drain I-O Expander Product Portfolios and Specifications
Table 159. Texas Instruments Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 160. Texas Instruments Main Business
Table 161. Texas Instruments Latest Developments
Table 162. Nanjing Qinheng Microelectronics Co., Ltd Basic Information, Open Drain I-O Expander Manufacturing Base, Sales Area and Its Competitors
Table 163. Nanjing Qinheng Microelectronics Co., Ltd Open Drain I-O Expander Product Portfolios and Specifications
Table 164. Nanjing Qinheng Microelectronics Co., Ltd Open Drain I-O Expander Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 165. Nanjing Qinheng Microelectronics Co., Ltd Main Business
Table 166. Nanjing Qinheng Microelectronics Co., Ltd Latest Developments

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List Of Figures

LIST OF FIGURES

Figure 1. Picture of Open Drain I-O Expander
Figure 2. Open Drain I-O Expander Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Open Drain I-O Expander Sales Growth Rate 2021-2032 (K Units)
Figure 7. Global Open Drain I-O Expander Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. Open Drain I-O Expander Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. Open Drain I-O Expander Sales Market Share by Country/Region (2025)
Figure 10. Open Drain I-O Expander Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of Surface Mount
Figure 12. Product Picture of Through Hole Mounting
Figure 13. Global Open Drain I-O Expander Sales Market Share by Type in 2026
Figure 14. Global Open Drain I-O Expander Revenue Market Share by Type (2021-2026)
Figure 15. Open Drain I-O Expander Consumed in Industry
Figure 16. Global Open Drain I-O Expander Market: Industry (2021-2026) & (K Units)
Figure 17. Open Drain I-O Expander Consumed in Medical Instrument
Figure 18. Global Open Drain I-O Expander Market: Medical Instrument (2021-2026) & (K Units)
Figure 19. Open Drain I-O Expander Consumed in Digital Product
Figure 20. Global Open Drain I-O Expander Market: Digital Product (2021-2026) & (K Units)
Figure 21. Open Drain I-O Expander Consumed in Consumer Electronic
Figure 22. Global Open Drain I-O Expander Market: Consumer Electronic (2021-2026) & (K Units)
Figure 23. Open Drain I-O Expander Consumed in Other
Figure 24. Global Open Drain I-O Expander Market: Other (2021-2026) & (K Units)
Figure 25. Global Open Drain I-O Expander Sale Market Share by Application (2025)
Figure 26. Global Open Drain I-O Expander Revenue Market Share by Application in 2026
Figure 27. Open Drain I-O Expander Sales by Company in 2026 (K Units)

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Figure 28. Global Open Drain I-O Expander Sales Market Share by Company in 2026
Figure 29. Open Drain I-O Expander Revenue by Company in 2026 ($ millions)
Figure 30. Global Open Drain I-O Expander Revenue Market Share by Company in 2026
Figure 31. Global Open Drain I-O Expander Sales Market Share by Geographic Region (2021-2026)
Figure 32. Global Open Drain I-O Expander Revenue Market Share by Geographic Region in 2026
Figure 33. Americas Open Drain I-O Expander Sales 2021-2026 (K Units)
Figure 34. Americas Open Drain I-O Expander Revenue 2021-2026 ($ millions)
Figure 35. APAC Open Drain I-O Expander Sales 2021-2026 (K Units)
Figure 36. APAC Open Drain I-O Expander Revenue 2021-2026 ($ millions)
Figure 37. Europe Open Drain I-O Expander Sales 2021-2026 (K Units)
Figure 38. Europe Open Drain I-O Expander Revenue 2021-2026 ($ millions)
Figure 39. Middle East & Africa Open Drain I-O Expander Sales 2021-2026 (K Units)
Figure 40. Middle East & Africa Open Drain I-O Expander Revenue 2021-2026 ($ millions)
Figure 41. Americas Open Drain I-O Expander Sales Market Share by Country in 2026
Figure 42. Americas Open Drain I-O Expander Revenue Market Share by Country (2021-2026)
Figure 43. Americas Open Drain I-O Expander Sales Market Share by Type (2021-2026)
Figure 44. Americas Open Drain I-O Expander Sales Market Share by Application (2021-2026)
Figure 45. United States Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 46. Canada Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 47. Mexico Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 48. Brazil Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 49. APAC Open Drain I-O Expander Sales Market Share by Region in 2026
Figure 50. APAC Open Drain I-O Expander Revenue Market Share by Region (2021-2026)
Figure 51. APAC Open Drain I-O Expander Sales Market Share by Type (2021-2026)
Figure 52. APAC Open Drain I-O Expander Sales Market Share by Application (2021-2026)
Figure 53. China Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 54. Japan Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 55. South Korea Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)

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Figure 56. Southeast Asia Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 57. India Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 58. Australia Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 59. China Taiwan Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 60. Europe Open Drain I-O Expander Sales Market Share by Country in 2026
Figure 61. Europe Open Drain I-O Expander Revenue Market Share by Country (2021-2026)
Figure 62. Europe Open Drain I-O Expander Sales Market Share by Type (2021-2026)
Figure 63. Europe Open Drain I-O Expander Sales Market Share by Application (2021-2026)
Figure 64. Germany Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 65. France Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 66. UK Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 67. Italy Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 68. Russia Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 69. Middle East & Africa Open Drain I-O Expander Sales Market Share by Country (2021-2026)
Figure 70. Middle East & Africa Open Drain I-O Expander Sales Market Share by Type (2021-2026)
Figure 71. Middle East & Africa Open Drain I-O Expander Sales Market Share by Application (2021-2026)
Figure 72. Egypt Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 73. South Africa Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 74. Israel Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 75. Turkey Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 76. GCC Countries Open Drain I-O Expander Revenue Growth 2021-2026 ($ millions)
Figure 77. Manufacturing Cost Structure Analysis of Open Drain I-O Expander in 2026
Figure 78. Manufacturing Process Analysis of Open Drain I-O Expander
Figure 79. Industry Chain Structure of Open Drain I-O Expander
Figure 80. Channels of Distribution
Figure 81. Global Open Drain I-O Expander Sales Market Forecast by Region (2027-2032)
Figure 82. Global Open Drain I-O Expander Revenue Market Share Forecast by Region (2027-2032)
Figure 83. Global Open Drain I-O Expander Sales Market Share Forecast by Type

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(2027-2032)
Figure 84. Global Open Drain I-O Expander Revenue Market Share Forecast by Type (2027-2032)
Figure 85. Global Open Drain I-O Expander Sales Market Share Forecast by Application (2027-2032)
Figure 86. Global Open Drain I-O Expander Revenue Market Share Forecast by Application (2027-2032)

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