

Global Push-Pull I-O Expander Market Research Report 2024(Status and Outlook)

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Abstracts

Report Overview

A push-pull I/O expander is a digital circuit chip that can expand the number of input and output (I/O) ports of a microcontroller or other digital circuits. A push-pull I/O expander usually includes multiple input and output pins, and the states of these pins can be controlled by control signals. The feature of the push-pull I/O expander is that each output pin has push-pull output capability, which can provide two states of high level and low level. This push-pull output mode can realize high-level output and low-level output, so when using the push-pull I/O expander, other devices (such as transistors, relays, etc.) can be saved to realize output control. At the same time, the push-pull I/O expander also supports centralized control, which can control multiple peripherals through a single controller.

This report provides a deep insight into the global Push-Pull I-O Expander market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Push-Pull I-O Expander Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Push-Pull I-O Expander market in any manner.

Global Push-Pull I-O Expander Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Analog Devices Inc

Diodes Incorporated

MaxLinear, Inc.

Microchip Technology

NXP USA Inc.

onsemi

Semtech Corporation

Skyworks Solutions Inc.

STMicroelectronics

Texas Instruments

Nanjing Qinheng Microelectronics Co., Ltd

Market Segmentation (by Type)

Serial Interface

Parallel Interface

Market Segmentation (by Application)

The Industrial

Smart Home

Automobile

Medical

Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Push-Pull I-O Expander Market

Overview of the regional outlook of the Push-Pull I-O Expander Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Push-Pull I-O Expander Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Push-Pull I-O Expander
- 1.2 Key Market Segments
 - 1.2.1 Push-Pull I-O Expander Segment by Type
 - 1.2.2 Push-Pull I-O Expander Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 PUSH-PULL I-O EXPANDER MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Push-Pull I-O Expander Market Size (M USD) Estimates and Forecasts (2019-2030)
 - 2.1.2 Global Push-Pull I-O Expander Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 PUSH-PULL I-O EXPANDER MARKET COMPETITIVE LANDSCAPE

- 3.1 Global Push-Pull I-O Expander Sales by Manufacturers (2019-2024)
- 3.2 Global Push-Pull I-O Expander Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Push-Pull I-O Expander Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Push-Pull I-O Expander Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Push-Pull I-O Expander Sales Sites, Area Served, Product Type
- 3.6 Push-Pull I-O Expander Market Competitive Situation and Trends
 - 3.6.1 Push-Pull I-O Expander Market Concentration Rate
 - 3.6.2 Global 5 and 10 Largest Push-Pull I-O Expander Players Market Share by Revenue
 - 3.6.3 Mergers & Acquisitions, Expansion

4 PUSH-PULL I-O EXPANDER INDUSTRY CHAIN ANALYSIS

- 4.1 Push-Pull I-O Expander Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF PUSH-PULL I-O EXPANDER MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
 - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 PUSH-PULL I-O EXPANDER MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Push-Pull I-O Expander Sales Market Share by Type (2019-2024)
- 6.3 Global Push-Pull I-O Expander Market Size Market Share by Type (2019-2024)
- 6.4 Global Push-Pull I-O Expander Price by Type (2019-2024)

7 PUSH-PULL I-O EXPANDER MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Push-Pull I-O Expander Market Sales by Application (2019-2024)
- 7.3 Global Push-Pull I-O Expander Market Size (M USD) by Application (2019-2024)
- 7.4 Global Push-Pull I-O Expander Sales Growth Rate by Application (2019-2024)

8 PUSH-PULL I-O EXPANDER MARKET SEGMENTATION BY REGION

- 8.1 Global Push-Pull I-O Expander Sales by Region
 - 8.1.1 Global Push-Pull I-O Expander Sales by Region
 - 8.1.2 Global Push-Pull I-O Expander Sales Market Share by Region
- 8.2 North America

8.2.1 North America Push-Pull I-O Expander Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Push-Pull I-O Expander Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific Push-Pull I-O Expander Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America Push-Pull I-O Expander Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Push-Pull I-O Expander Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 KEY COMPANIES PROFILE

9.1 Analog Devices Inc

9.1.1 Analog Devices Inc Push-Pull I-O Expander Basic Information

9.1.2 Analog Devices Inc Push-Pull I-O Expander Product Overview

9.1.3 Analog Devices Inc Push-Pull I-O Expander Product Market Performance

9.1.4 Analog Devices Inc Business Overview

9.1.5 Analog Devices Inc Push-Pull I-O Expander SWOT Analysis

- 9.1.6 Analog Devices Inc Recent Developments
- 9.2 Diodes Incorporated
 - 9.2.1 Diodes Incorporated Push-Pull I-O Expander Basic Information
 - 9.2.2 Diodes Incorporated Push-Pull I-O Expander Product Overview
 - 9.2.3 Diodes Incorporated Push-Pull I-O Expander Product Market Performance
 - 9.2.4 Diodes Incorporated Business Overview
 - 9.2.5 Diodes Incorporated Push-Pull I-O Expander SWOT Analysis
 - 9.2.6 Diodes Incorporated Recent Developments
- 9.3 MaxLinear, Inc.
 - 9.3.1 MaxLinear, Inc. Push-Pull I-O Expander Basic Information
 - 9.3.2 MaxLinear, Inc. Push-Pull I-O Expander Product Overview
 - 9.3.3 MaxLinear, Inc. Push-Pull I-O Expander Product Market Performance
 - 9.3.4 MaxLinear, Inc. Push-Pull I-O Expander SWOT Analysis
 - 9.3.5 MaxLinear, Inc. Business Overview
 - 9.3.6 MaxLinear, Inc. Recent Developments
- 9.4 Microchip Technology
 - 9.4.1 Microchip Technology Push-Pull I-O Expander Basic Information
 - 9.4.2 Microchip Technology Push-Pull I-O Expander Product Overview
 - 9.4.3 Microchip Technology Push-Pull I-O Expander Product Market Performance
 - 9.4.4 Microchip Technology Business Overview
 - 9.4.5 Microchip Technology Recent Developments
- 9.5 NXP USA Inc.
 - 9.5.1 NXP USA Inc. Push-Pull I-O Expander Basic Information
 - 9.5.2 NXP USA Inc. Push-Pull I-O Expander Product Overview
 - 9.5.3 NXP USA Inc. Push-Pull I-O Expander Product Market Performance
 - 9.5.4 NXP USA Inc. Business Overview
 - 9.5.5 NXP USA Inc. Recent Developments
- 9.6 onsemi
 - 9.6.1 onsemi Push-Pull I-O Expander Basic Information
 - 9.6.2 onsemi Push-Pull I-O Expander Product Overview
 - 9.6.3 onsemi Push-Pull I-O Expander Product Market Performance
 - 9.6.4 onsemi Business Overview
 - 9.6.5 onsemi Recent Developments
- 9.7 Semtech Corporation
 - 9.7.1 Semtech Corporation Push-Pull I-O Expander Basic Information
 - 9.7.2 Semtech Corporation Push-Pull I-O Expander Product Overview
 - 9.7.3 Semtech Corporation Push-Pull I-O Expander Product Market Performance
 - 9.7.4 Semtech Corporation Business Overview
 - 9.7.5 Semtech Corporation Recent Developments

9.8 Skyworks Solutions Inc.

- 9.8.1 Skyworks Solutions Inc. Push-Pull I-O Expander Basic Information
- 9.8.2 Skyworks Solutions Inc. Push-Pull I-O Expander Product Overview
- 9.8.3 Skyworks Solutions Inc. Push-Pull I-O Expander Product Market Performance
- 9.8.4 Skyworks Solutions Inc. Business Overview
- 9.8.5 Skyworks Solutions Inc. Recent Developments

9.9 STMicroelectronics

- 9.9.1 STMicroelectronics Push-Pull I-O Expander Basic Information
- 9.9.2 STMicroelectronics Push-Pull I-O Expander Product Overview
- 9.9.3 STMicroelectronics Push-Pull I-O Expander Product Market Performance
- 9.9.4 STMicroelectronics Business Overview
- 9.9.5 STMicroelectronics Recent Developments

9.10 Texas Instruments

- 9.10.1 Texas Instruments Push-Pull I-O Expander Basic Information
- 9.10.2 Texas Instruments Push-Pull I-O Expander Product Overview
- 9.10.3 Texas Instruments Push-Pull I-O Expander Product Market Performance
- 9.10.4 Texas Instruments Business Overview
- 9.10.5 Texas Instruments Recent Developments

9.11 Nanjing Qinheng Microelectronics Co., Ltd

- 9.11.1 Nanjing Qinheng Microelectronics Co., Ltd Push-Pull I-O Expander Basic Information
- 9.11.2 Nanjing Qinheng Microelectronics Co., Ltd Push-Pull I-O Expander Product Overview
- 9.11.3 Nanjing Qinheng Microelectronics Co., Ltd Push-Pull I-O Expander Product Market Performance
- 9.11.4 Nanjing Qinheng Microelectronics Co., Ltd Business Overview
- 9.11.5 Nanjing Qinheng Microelectronics Co., Ltd Recent Developments

10 PUSH-PULL I-O EXPANDER MARKET FORECAST BY REGION

10.1 Global Push-Pull I-O Expander Market Size Forecast

10.2 Global Push-Pull I-O Expander Market Forecast by Region

- 10.2.1 North America Market Size Forecast by Country
- 10.2.2 Europe Push-Pull I-O Expander Market Size Forecast by Country
- 10.2.3 Asia Pacific Push-Pull I-O Expander Market Size Forecast by Region
- 10.2.4 South America Push-Pull I-O Expander Market Size Forecast by Country
- 10.2.5 Middle East and Africa Forecasted Consumption of Push-Pull I-O Expander by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

11.1 Global Push-Pull I-O Expander Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Push-Pull I-O Expander by Type (2025-2030)

11.1.2 Global Push-Pull I-O Expander Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Push-Pull I-O Expander by Type (2025-2030)

11.2 Global Push-Pull I-O Expander Market Forecast by Application (2025-2030)

11.2.1 Global Push-Pull I-O Expander Sales (K Units) Forecast by Application

11.2.2 Global Push-Pull I-O Expander Market Size (M USD) Forecast by Application (2025-2030)

12 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. Push-Pull I-O Expander Market Size Comparison by Region (M USD)
- Table 5. Global Push-Pull I-O Expander Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global Push-Pull I-O Expander Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global Push-Pull I-O Expander Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global Push-Pull I-O Expander Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Push-Pull I-O Expander as of 2022)
- Table 10. Global Market Push-Pull I-O Expander Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers Push-Pull I-O Expander Sales Sites and Area Served
- Table 12. Manufacturers Push-Pull I-O Expander Product Type
- Table 13. Global Push-Pull I-O Expander Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of Push-Pull I-O Expander
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. Push-Pull I-O Expander Market Challenges
- Table 22. Global Push-Pull I-O Expander Sales by Type (K Units)
- Table 23. Global Push-Pull I-O Expander Market Size by Type (M USD)
- Table 24. Global Push-Pull I-O Expander Sales (K Units) by Type (2019-2024)
- Table 25. Global Push-Pull I-O Expander Sales Market Share by Type (2019-2024)
- Table 26. Global Push-Pull I-O Expander Market Size (M USD) by Type (2019-2024)
- Table 27. Global Push-Pull I-O Expander Market Size Share by Type (2019-2024)
- Table 28. Global Push-Pull I-O Expander Price (USD/Unit) by Type (2019-2024)
- Table 29. Global Push-Pull I-O Expander Sales (K Units) by Application
- Table 30. Global Push-Pull I-O Expander Market Size by Application

- Table 31. Global Push-Pull I-O Expander Sales by Application (2019-2024) & (K Units)
- Table 32. Global Push-Pull I-O Expander Sales Market Share by Application (2019-2024)
- Table 33. Global Push-Pull I-O Expander Sales by Application (2019-2024) & (M USD)
- Table 34. Global Push-Pull I-O Expander Market Share by Application (2019-2024)
- Table 35. Global Push-Pull I-O Expander Sales Growth Rate by Application (2019-2024)
- Table 36. Global Push-Pull I-O Expander Sales by Region (2019-2024) & (K Units)
- Table 37. Global Push-Pull I-O Expander Sales Market Share by Region (2019-2024)
- Table 38. North America Push-Pull I-O Expander Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Push-Pull I-O Expander Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Push-Pull I-O Expander Sales by Region (2019-2024) & (K Units)
- Table 41. South America Push-Pull I-O Expander Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Push-Pull I-O Expander Sales by Region (2019-2024) & (K Units)
- Table 43. Analog Devices Inc Push-Pull I-O Expander Basic Information
- Table 44. Analog Devices Inc Push-Pull I-O Expander Product Overview
- Table 45. Analog Devices Inc Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. Analog Devices Inc Business Overview
- Table 47. Analog Devices Inc Push-Pull I-O Expander SWOT Analysis
- Table 48. Analog Devices Inc Recent Developments
- Table 49. Diodes Incorporated Push-Pull I-O Expander Basic Information
- Table 50. Diodes Incorporated Push-Pull I-O Expander Product Overview
- Table 51. Diodes Incorporated Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. Diodes Incorporated Business Overview
- Table 53. Diodes Incorporated Push-Pull I-O Expander SWOT Analysis
- Table 54. Diodes Incorporated Recent Developments
- Table 55. MaxLinear, Inc. Push-Pull I-O Expander Basic Information
- Table 56. MaxLinear, Inc. Push-Pull I-O Expander Product Overview
- Table 57. MaxLinear, Inc. Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 58. MaxLinear, Inc. Push-Pull I-O Expander SWOT Analysis
- Table 59. MaxLinear, Inc. Business Overview
- Table 60. MaxLinear, Inc. Recent Developments
- Table 61. Microchip Technology Push-Pull I-O Expander Basic Information

- Table 62. Microchip Technology Push-Pull I-O Expander Product Overview
- Table 63. Microchip Technology Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 64. Microchip Technology Business Overview
- Table 65. Microchip Technology Recent Developments
- Table 66. NXP USA Inc. Push-Pull I-O Expander Basic Information
- Table 67. NXP USA Inc. Push-Pull I-O Expander Product Overview
- Table 68. NXP USA Inc. Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 69. NXP USA Inc. Business Overview
- Table 70. NXP USA Inc. Recent Developments
- Table 71. onsemi Push-Pull I-O Expander Basic Information
- Table 72. onsemi Push-Pull I-O Expander Product Overview
- Table 73. onsemi Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 74. onsemi Business Overview
- Table 75. onsemi Recent Developments
- Table 76. Semtech Corporation Push-Pull I-O Expander Basic Information
- Table 77. Semtech Corporation Push-Pull I-O Expander Product Overview
- Table 78. Semtech Corporation Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 79. Semtech Corporation Business Overview
- Table 80. Semtech Corporation Recent Developments
- Table 81. Skyworks Solutions Inc. Push-Pull I-O Expander Basic Information
- Table 82. Skyworks Solutions Inc. Push-Pull I-O Expander Product Overview
- Table 83. Skyworks Solutions Inc. Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. Skyworks Solutions Inc. Business Overview
- Table 85. Skyworks Solutions Inc. Recent Developments
- Table 86. STMicroelectronics Push-Pull I-O Expander Basic Information
- Table 87. STMicroelectronics Push-Pull I-O Expander Product Overview
- Table 88. STMicroelectronics Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. STMicroelectronics Business Overview
- Table 90. STMicroelectronics Recent Developments
- Table 91. Texas Instruments Push-Pull I-O Expander Basic Information
- Table 92. Texas Instruments Push-Pull I-O Expander Product Overview
- Table 93. Texas Instruments Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 94. Texas Instruments Business Overview

Table 95. Texas Instruments Recent Developments

Table 96. Nanjing Qinheng Microelectronics Co., Ltd Push-Pull I-O Expander Basic Information

Table 97. Nanjing Qinheng Microelectronics Co., Ltd Push-Pull I-O Expander Product Overview

Table 98. Nanjing Qinheng Microelectronics Co., Ltd Push-Pull I-O Expander Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 99. Nanjing Qinheng Microelectronics Co., Ltd Business Overview

Table 100. Nanjing Qinheng Microelectronics Co., Ltd Recent Developments

Table 101. Global Push-Pull I-O Expander Sales Forecast by Region (2025-2030) & (K Units)

Table 102. Global Push-Pull I-O Expander Market Size Forecast by Region (2025-2030) & (M USD)

Table 103. North America Push-Pull I-O Expander Sales Forecast by Country (2025-2030) & (K Units)

Table 104. North America Push-Pull I-O Expander Market Size Forecast by Country (2025-2030) & (M USD)

Table 105. Europe Push-Pull I-O Expander Sales Forecast by Country (2025-2030) & (K Units)

Table 106. Europe Push-Pull I-O Expander Market Size Forecast by Country (2025-2030) & (M USD)

Table 107. Asia Pacific Push-Pull I-O Expander Sales Forecast by Region (2025-2030) & (K Units)

Table 108. Asia Pacific Push-Pull I-O Expander Market Size Forecast by Region (2025-2030) & (M USD)

Table 109. South America Push-Pull I-O Expander Sales Forecast by Country (2025-2030) & (K Units)

Table 110. South America Push-Pull I-O Expander Market Size Forecast by Country (2025-2030) & (M USD)

Table 111. Middle East and Africa Push-Pull I-O Expander Consumption Forecast by Country (2025-2030) & (Units)

Table 112. Middle East and Africa Push-Pull I-O Expander Market Size Forecast by Country (2025-2030) & (M USD)

Table 113. Global Push-Pull I-O Expander Sales Forecast by Type (2025-2030) & (K Units)

Table 114. Global Push-Pull I-O Expander Market Size Forecast by Type (2025-2030) & (M USD)

Table 115. Global Push-Pull I-O Expander Price Forecast by Type (2025-2030) &

(USD/Unit)

Table 116. Global Push-Pull I-O Expander Sales (K Units) Forecast by Application (2025-2030)

Table 117. Global Push-Pull I-O Expander Market Size Forecast by Application (2025-2030) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Push-Pull I-O Expander
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Push-Pull I-O Expander Market Size (M USD), 2019-2030
- Figure 5. Global Push-Pull I-O Expander Market Size (M USD) (2019-2030)
- Figure 6. Global Push-Pull I-O Expander Sales (K Units) & (2019-2030)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Push-Pull I-O Expander Market Size by Country (M USD)
- Figure 11. Push-Pull I-O Expander Sales Share by Manufacturers in 2023
- Figure 12. Global Push-Pull I-O Expander Revenue Share by Manufacturers in 2023
- Figure 13. Push-Pull I-O Expander Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Push-Pull I-O Expander Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Push-Pull I-O Expander Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Push-Pull I-O Expander Market Share by Type
- Figure 18. Sales Market Share of Push-Pull I-O Expander by Type (2019-2024)
- Figure 19. Sales Market Share of Push-Pull I-O Expander by Type in 2023
- Figure 20. Market Size Share of Push-Pull I-O Expander by Type (2019-2024)
- Figure 21. Market Size Market Share of Push-Pull I-O Expander by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Push-Pull I-O Expander Market Share by Application
- Figure 24. Global Push-Pull I-O Expander Sales Market Share by Application (2019-2024)
- Figure 25. Global Push-Pull I-O Expander Sales Market Share by Application in 2023
- Figure 26. Global Push-Pull I-O Expander Market Share by Application (2019-2024)
- Figure 27. Global Push-Pull I-O Expander Market Share by Application in 2023
- Figure 28. Global Push-Pull I-O Expander Sales Growth Rate by Application (2019-2024)
- Figure 29. Global Push-Pull I-O Expander Sales Market Share by Region (2019-2024)
- Figure 30. North America Push-Pull I-O Expander Sales and Growth Rate (2019-2024)

& (K Units)

Figure 31. North America Push-Pull I-O Expander Sales Market Share by Country in 2023

Figure 32. U.S. Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Push-Pull I-O Expander Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Push-Pull I-O Expander Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Push-Pull I-O Expander Sales Market Share by Country in 2023

Figure 37. Germany Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Push-Pull I-O Expander Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Push-Pull I-O Expander Sales Market Share by Region in 2023

Figure 44. China Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Push-Pull I-O Expander Sales and Growth Rate (K Units)

Figure 50. South America Push-Pull I-O Expander Sales Market Share by Country in 2023

Figure 51. Brazil Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Push-Pull I-O Expander Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Push-Pull I-O Expander Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Push-Pull I-O Expander Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Push-Pull I-O Expander Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Push-Pull I-O Expander Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Push-Pull I-O Expander Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Push-Pull I-O Expander Market Share Forecast by Type (2025-2030)

Figure 65. Global Push-Pull I-O Expander Sales Forecast by Application (2025-2030)

Figure 66. Global Push-Pull I-O Expander Market Share Forecast by Application (2025-2030)

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