

Buffers and Line Drivers Market - Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/BA9032D59000EN.html>

Date: January 2022

Pages: 116

Price: US\$ 3,250.00 (Single User License)

ID: BA9032D59000EN

Abstracts

Buffers and line drivers are integrated circuit devices that isolate the input circuit from the output circuit. This reduces the load seen by the input circuit and enables signals to be sent on PCB or cables over longer distances with higher fan-out. Fan out is a description of the number of typical inputs an output is driving. Each input adds a capacitive load on the driving amplifier. As the capacitance gets higher, the peak current required to transition the voltage from one level to another gets higher. If this gets higher than the output can handle or the slope of the signal level changes gets too low, the circuit performance is compromised. Over and above this, the output may become overloaded, unstable or damaged. It is common to find buffers in clock trees on PCBs where low noise and high-speed logic signals are important. Buffers are also found in bus applications and in applications where digital I/O of a system is too weak to drive a load. Buffers also typically exhibit better ESD and latch up protection than the I/O directly on the microcontroller and are thus used to isolate and protect devices.

Line drivers are a special type of buffer that includes the ability to drive a transmission line or cable that may be quite long. They also may adapt the input logic format to the specific line driving standard. An example of this is an eSATA Redriver. These devices extend the distance supported by the SATA standard by buffering the differential current mode logic (CML) signals on their input and re-transmitting them as a corrected and compensated CML signal output. They incorporate an equalizer, a filter that compensates for the loss and distortion of a signal on a physical medium (cable or PCB traces) to enable the correct signal shape to be ultimately presented to the receiver.

Some buffers and line drivers convert from logic signal inputs to a high-speed serial output. The input may be a parallel bus to meet the high-speed data requirements. Cable drivers tend to output differential serial data signals at a standard that supports

very high-speed data transfer on cable. This is particular true of high definition, and ultra high definition video systems. These can require more than 12GHz serial data streams sent over hundreds of meters of copper cable. CML is used in these applications because differential pairs of transistors require very little voltage swing to switch and so can operate much faster than voltage-oriented alternatives. This standard is used in interface standards like SDI and HDMI.

This report contains market size and forecasts of Buffers and Line Drivers in global, including the following market information:

Global Buffers and Line Drivers Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Buffers and Line Drivers Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Buffers and Line Drivers companies in 2021 (%)

The global Buffers and Line Drivers market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

BICMOS Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Buffers and Line Drivers include Texas Instruments, ON Semiconductor, Nexperia, STMicroelectronics, NXP, Microchip, Allegro Microsystems, Diodes incorporated and Intel, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Buffers and Line Drivers manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Buffers and Line Drivers Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Buffers and Line Drivers Market Segment Percentages, by Type, 2021 (%)

BICMOS

Bipolar

CMOS

Others

Global Buffers and Line Drivers Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Buffers and Line Drivers Market Segment Percentages, by Application, 2021 (%)

Buffer

Driver

Others

Global Buffers and Line Drivers Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Buffers and Line Drivers Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Buffers and Line Drivers revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Buffers and Line Drivers revenues share in global market, 2021 (%)

Key companies Buffers and Line Drivers sales in global market, 2017-2022 (Estimated),
(K Units)

Key companies Buffers and Line Drivers sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Texas Instruments

ON Semiconductor

Nexperia

STMicroelectronics

NXP

Microchip

Allegro Microsystems

Diodes incorporated

Intel

Renesas Electronics

Maxlinear, Inc

Microsemi

Teledyne e2v

Toshiba

Analog Devices Inc

Broadcom Limited

Hirose Electric

IDT

Maxim Integrated

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Buffers and Line Drivers Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Buffers and Line Drivers Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL BUFFERS AND LINE DRIVERS OVERALL MARKET SIZE

- 2.1 Global Buffers and Line Drivers Market Size: 2021 VS 2028
- 2.2 Global Buffers and Line Drivers Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Buffers and Line Drivers Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Buffers and Line Drivers Players in Global Market
- 3.2 Top Global Buffers and Line Drivers Companies Ranked by Revenue
- 3.3 Global Buffers and Line Drivers Revenue by Companies
- 3.4 Global Buffers and Line Drivers Sales by Companies
- 3.5 Global Buffers and Line Drivers Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Buffers and Line Drivers Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Buffers and Line Drivers Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Buffers and Line Drivers Players in Global Market
 - 3.8.1 List of Global Tier 1 Buffers and Line Drivers Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 Buffers and Line Drivers Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview

- 4.1.1 By Type - Global Buffers and Line Drivers Market Size Markets, 2021 & 2028
- 4.1.2 BICMOS
- 4.1.3 Bipolar
- 4.1.4 CMOS
- 4.1.5 Others
- 4.2 By Type - Global Buffers and Line Drivers Revenue & Forecasts
 - 4.2.1 By Type - Global Buffers and Line Drivers Revenue, 2017-2022
 - 4.2.2 By Type - Global Buffers and Line Drivers Revenue, 2023-2028
 - 4.2.3 By Type - Global Buffers and Line Drivers Revenue Market Share, 2017-2028
- 4.3 By Type - Global Buffers and Line Drivers Sales & Forecasts
 - 4.3.1 By Type - Global Buffers and Line Drivers Sales, 2017-2022
 - 4.3.2 By Type - Global Buffers and Line Drivers Sales, 2023-2028
 - 4.3.3 By Type - Global Buffers and Line Drivers Sales Market Share, 2017-2028
- 4.4 By Type - Global Buffers and Line Drivers Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application - Global Buffers and Line Drivers Market Size, 2021 & 2028
 - 5.1.2 Buffer
 - 5.1.3 Driver
 - 5.1.4 Others
- 5.2 By Application - Global Buffers and Line Drivers Revenue & Forecasts
 - 5.2.1 By Application - Global Buffers and Line Drivers Revenue, 2017-2022
 - 5.2.2 By Application - Global Buffers and Line Drivers Revenue, 2023-2028
 - 5.2.3 By Application - Global Buffers and Line Drivers Revenue Market Share, 2017-2028
- 5.3 By Application - Global Buffers and Line Drivers Sales & Forecasts
 - 5.3.1 By Application - Global Buffers and Line Drivers Sales, 2017-2022
 - 5.3.2 By Application - Global Buffers and Line Drivers Sales, 2023-2028
 - 5.3.3 By Application - Global Buffers and Line Drivers Sales Market Share, 2017-2028
- 5.4 By Application - Global Buffers and Line Drivers Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global Buffers and Line Drivers Market Size, 2021 & 2028
- 6.2 By Region - Global Buffers and Line Drivers Revenue & Forecasts

- 6.2.1 By Region - Global Buffers and Line Drivers Revenue, 2017-2022
- 6.2.2 By Region - Global Buffers and Line Drivers Revenue, 2023-2028
- 6.2.3 By Region - Global Buffers and Line Drivers Revenue Market Share, 2017-2028
- 6.3 By Region - Global Buffers and Line Drivers Sales & Forecasts
 - 6.3.1 By Region - Global Buffers and Line Drivers Sales, 2017-2022
 - 6.3.2 By Region - Global Buffers and Line Drivers Sales, 2023-2028
 - 6.3.3 By Region - Global Buffers and Line Drivers Sales Market Share, 2017-2028
- 6.4 North America
 - 6.4.1 By Country - North America Buffers and Line Drivers Revenue, 2017-2028
 - 6.4.2 By Country - North America Buffers and Line Drivers Sales, 2017-2028
 - 6.4.3 US Buffers and Line Drivers Market Size, 2017-2028
 - 6.4.4 Canada Buffers and Line Drivers Market Size, 2017-2028
 - 6.4.5 Mexico Buffers and Line Drivers Market Size, 2017-2028
- 6.5 Europe
 - 6.5.1 By Country - Europe Buffers and Line Drivers Revenue, 2017-2028
 - 6.5.2 By Country - Europe Buffers and Line Drivers Sales, 2017-2028
 - 6.5.3 Germany Buffers and Line Drivers Market Size, 2017-2028
 - 6.5.4 France Buffers and Line Drivers Market Size, 2017-2028
 - 6.5.5 U.K. Buffers and Line Drivers Market Size, 2017-2028
 - 6.5.6 Italy Buffers and Line Drivers Market Size, 2017-2028
 - 6.5.7 Russia Buffers and Line Drivers Market Size, 2017-2028
 - 6.5.8 Nordic Countries Buffers and Line Drivers Market Size, 2017-2028
 - 6.5.9 Benelux Buffers and Line Drivers Market Size, 2017-2028
- 6.6 Asia
 - 6.6.1 By Region - Asia Buffers and Line Drivers Revenue, 2017-2028
 - 6.6.2 By Region - Asia Buffers and Line Drivers Sales, 2017-2028
 - 6.6.3 China Buffers and Line Drivers Market Size, 2017-2028
 - 6.6.4 Japan Buffers and Line Drivers Market Size, 2017-2028
 - 6.6.5 South Korea Buffers and Line Drivers Market Size, 2017-2028
 - 6.6.6 Southeast Asia Buffers and Line Drivers Market Size, 2017-2028
 - 6.6.7 India Buffers and Line Drivers Market Size, 2017-2028
- 6.7 South America
 - 6.7.1 By Country - South America Buffers and Line Drivers Revenue, 2017-2028
 - 6.7.2 By Country - South America Buffers and Line Drivers Sales, 2017-2028
 - 6.7.3 Brazil Buffers and Line Drivers Market Size, 2017-2028
 - 6.7.4 Argentina Buffers and Line Drivers Market Size, 2017-2028
- 6.8 Middle East & Africa
 - 6.8.1 By Country - Middle East & Africa Buffers and Line Drivers Revenue, 2017-2028
 - 6.8.2 By Country - Middle East & Africa Buffers and Line Drivers Sales, 2017-2028

- 6.8.3 Turkey Buffers and Line Drivers Market Size, 2017-2028
- 6.8.4 Israel Buffers and Line Drivers Market Size, 2017-2028
- 6.8.5 Saudi Arabia Buffers and Line Drivers Market Size, 2017-2028
- 6.8.6 UAE Buffers and Line Drivers Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Texas Instruments

- 7.1.1 Texas Instruments Corporate Summary
- 7.1.2 Texas Instruments Business Overview
- 7.1.3 Texas Instruments Buffers and Line Drivers Major Product Offerings
- 7.1.4 Texas Instruments Buffers and Line Drivers Sales and Revenue in Global (2017-2022)
- 7.1.5 Texas Instruments Key News

7.2 ON Semiconductor

- 7.2.1 ON Semiconductor Corporate Summary
- 7.2.2 ON Semiconductor Business Overview
- 7.2.3 ON Semiconductor Buffers and Line Drivers Major Product Offerings
- 7.2.4 ON Semiconductor Buffers and Line Drivers Sales and Revenue in Global (2017-2022)
- 7.2.5 ON Semiconductor Key News

7.3 Nexperia

- 7.3.1 Nexperia Corporate Summary
- 7.3.2 Nexperia Business Overview
- 7.3.3 Nexperia Buffers and Line Drivers Major Product Offerings
- 7.3.4 Nexperia Buffers and Line Drivers Sales and Revenue in Global (2017-2022)
- 7.3.5 Nexperia Key News

7.4 STMicroelectronics

- 7.4.1 STMicroelectronics Corporate Summary
- 7.4.2 STMicroelectronics Business Overview
- 7.4.3 STMicroelectronics Buffers and Line Drivers Major Product Offerings
- 7.4.4 STMicroelectronics Buffers and Line Drivers Sales and Revenue in Global (2017-2022)
- 7.4.5 STMicroelectronics Key News

7.5 NXP

- 7.5.1 NXP Corporate Summary
- 7.5.2 NXP Business Overview
- 7.5.3 NXP Buffers and Line Drivers Major Product Offerings
- 7.5.4 NXP Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.5.5 NXP Key News

7.6 Microchip

7.6.1 Microchip Corporate Summary

7.6.2 Microchip Business Overview

7.6.3 Microchip Buffers and Line Drivers Major Product Offerings

7.6.4 Microchip Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.6.5 Microchip Key News

7.7 Allegro Microsystems

7.7.1 Allegro Microsystems Corporate Summary

7.7.2 Allegro Microsystems Business Overview

7.7.3 Allegro Microsystems Buffers and Line Drivers Major Product Offerings

7.7.4 Allegro Microsystems Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.7.5 Allegro Microsystems Key News

7.8 Diodes incorporated

7.8.1 Diodes incorporated Corporate Summary

7.8.2 Diodes incorporated Business Overview

7.8.3 Diodes incorporated Buffers and Line Drivers Major Product Offerings

7.8.4 Diodes incorporated Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.8.5 Diodes incorporated Key News

7.9 Intel

7.9.1 Intel Corporate Summary

7.9.2 Intel Business Overview

7.9.3 Intel Buffers and Line Drivers Major Product Offerings

7.9.4 Intel Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.9.5 Intel Key News

7.10 Renesas Electronics

7.10.1 Renesas Electronics Corporate Summary

7.10.2 Renesas Electronics Business Overview

7.10.3 Renesas Electronics Buffers and Line Drivers Major Product Offerings

7.10.4 Renesas Electronics Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.10.5 Renesas Electronics Key News

7.11 Maxlinear, Inc

7.11.1 Maxlinear, Inc Corporate Summary

7.11.2 Maxlinear, Inc Buffers and Line Drivers Business Overview

7.11.3 Maxlinear, Inc Buffers and Line Drivers Major Product Offerings

7.11.4 Maxlinear, Inc Buffers and Line Drivers Sales and Revenue in Global

(2017-2022)

7.11.5 Maxlinear, Inc Key News

7.12 Microsemi

7.12.1 Microsemi Corporate Summary

7.12.2 Microsemi Buffers and Line Drivers Business Overview

7.12.3 Microsemi Buffers and Line Drivers Major Product Offerings

7.12.4 Microsemi Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.12.5 Microsemi Key News

7.13 Teledyne e2v

7.13.1 Teledyne e2v Corporate Summary

7.13.2 Teledyne e2v Buffers and Line Drivers Business Overview

7.13.3 Teledyne e2v Buffers and Line Drivers Major Product Offerings

7.13.4 Teledyne e2v Buffers and Line Drivers Sales and Revenue in Global

(2017-2022)

7.13.5 Teledyne e2v Key News

7.14 Toshiba

7.14.1 Toshiba Corporate Summary

7.14.2 Toshiba Business Overview

7.14.3 Toshiba Buffers and Line Drivers Major Product Offerings

7.14.4 Toshiba Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.14.5 Toshiba Key News

7.15 Analog Devices Inc

7.15.1 Analog Devices Inc Corporate Summary

7.15.2 Analog Devices Inc Business Overview

7.15.3 Analog Devices Inc Buffers and Line Drivers Major Product Offerings

7.15.4 Analog Devices Inc Buffers and Line Drivers Sales and Revenue in Global

(2017-2022)

7.15.5 Analog Devices Inc Key News

7.16 Broadcom Limited

7.16.1 Broadcom Limited Corporate Summary

7.16.2 Broadcom Limited Business Overview

7.16.3 Broadcom Limited Buffers and Line Drivers Major Product Offerings

7.16.4 Broadcom Limited Buffers and Line Drivers Sales and Revenue in Global

(2017-2022)

7.16.5 Broadcom Limited Key News

7.17 Hirose Electric

7.17.1 Hirose Electric Corporate Summary

7.17.2 Hirose Electric Business Overview

7.17.3 Hirose Electric Buffers and Line Drivers Major Product Offerings

7.17.4 Hirose Electric Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.17.5 Hirose Electric Key News

7.18 IDT

7.18.1 IDT Corporate Summary

7.18.2 IDT Business Overview

7.18.3 IDT Buffers and Line Drivers Major Product Offerings

7.18.4 IDT Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.18.5 IDT Key News

7.19 Maxim Integrated

7.19.1 Maxim Integrated Corporate Summary

7.19.2 Maxim Integrated Business Overview

7.19.3 Maxim Integrated Buffers and Line Drivers Major Product Offerings

7.19.4 Maxim Integrated Buffers and Line Drivers Sales and Revenue in Global (2017-2022)

7.19.5 Maxim Integrated Key News

8 GLOBAL BUFFERS AND LINE DRIVERS PRODUCTION CAPACITY, ANALYSIS

8.1 Global Buffers and Line Drivers Production Capacity, 2017-2028

8.2 Buffers and Line Drivers Production Capacity of Key Manufacturers in Global Market

8.3 Global Buffers and Line Drivers Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 BUFFERS AND LINE DRIVERS SUPPLY CHAIN ANALYSIS

10.1 Buffers and Line Drivers Industry Value Chain

10.2 Buffers and Line Drivers Upstream Market

10.3 Buffers and Line Drivers Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Buffers and Line Drivers Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Buffers and Line Drivers in Global Market

Table 2. Top Buffers and Line Drivers Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Buffers and Line Drivers Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Buffers and Line Drivers Revenue Share by Companies, 2017-2022

Table 5. Global Buffers and Line Drivers Sales by Companies, (K Units), 2017-2022

Table 6. Global Buffers and Line Drivers Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Buffers and Line Drivers Price (2017-2022) & (USD/Unit)

Table 8. Global Manufacturers Buffers and Line Drivers Product Type

Table 9. List of Global Tier 1 Buffers and Line Drivers Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Buffers and Line Drivers Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Buffers and Line Drivers Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Buffers and Line Drivers Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Buffers and Line Drivers Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Buffers and Line Drivers Sales (K Units), 2017-2022

Table 15. By Type - Global Buffers and Line Drivers Sales (K Units), 2023-2028

Table 16. By Application – Global Buffers and Line Drivers Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Buffers and Line Drivers Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Buffers and Line Drivers Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Buffers and Line Drivers Sales (K Units), 2017-2022

Table 20. By Application - Global Buffers and Line Drivers Sales (K Units), 2023-2028

Table 21. By Region – Global Buffers and Line Drivers Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Buffers and Line Drivers Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Buffers and Line Drivers Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Buffers and Line Drivers Sales (K Units), 2017-2022

Table 25. By Region - Global Buffers and Line Drivers Sales (K Units), 2023-2028

Table 26. By Country - North America Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Buffers and Line Drivers Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Buffers and Line Drivers Sales, (K Units), 2017-2022

Table 29. By Country - North America Buffers and Line Drivers Sales, (K Units), 2023-2028

Table 30. By Country - Europe Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Buffers and Line Drivers Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Buffers and Line Drivers Sales, (K Units), 2017-2022

Table 33. By Country - Europe Buffers and Line Drivers Sales, (K Units), 2023-2028

Table 34. By Region - Asia Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Buffers and Line Drivers Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Buffers and Line Drivers Sales, (K Units), 2017-2022

Table 37. By Region - Asia Buffers and Line Drivers Sales, (K Units), 2023-2028

Table 38. By Country - South America Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Buffers and Line Drivers Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Buffers and Line Drivers Sales, (K Units), 2017-2022

Table 41. By Country - South America Buffers and Line Drivers Sales, (K Units), 2023-2028

Table 42. By Country - Middle East & Africa Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Buffers and Line Drivers Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Buffers and Line Drivers Sales, (K Units), 2017-2022

Table 45. By Country - Middle East & Africa Buffers and Line Drivers Sales, (K Units), 2023-2028

Table 46. Texas Instruments Corporate Summary

Table 47. Texas Instruments Buffers and Line Drivers Product Offerings

Table 48. Texas Instruments Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 49. ON Semiconductor Corporate Summary

Table 50. ON Semiconductor Buffers and Line Drivers Product Offerings

Table 51. ON Semiconductor Buffers and Line Drivers Sales (K Units), Revenue (US\$,

Mn) and Average Price (USD/Unit) (2017-2022)

Table 52. Nexperia Corporate Summary

Table 53. Nexperia Buffers and Line Drivers Product Offerings

Table 54. Nexperia Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 55. STMicroelectronics Corporate Summary

Table 56. STMicroelectronics Buffers and Line Drivers Product Offerings

Table 57. STMicroelectronics Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 58. NXP Corporate Summary

Table 59. NXP Buffers and Line Drivers Product Offerings

Table 60. NXP Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 61. Microchip Corporate Summary

Table 62. Microchip Buffers and Line Drivers Product Offerings

Table 63. Microchip Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 64. Allegro Microsystems Corporate Summary

Table 65. Allegro Microsystems Buffers and Line Drivers Product Offerings

Table 66. Allegro Microsystems Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 67. Diodes incorporated Corporate Summary

Table 68. Diodes incorporated Buffers and Line Drivers Product Offerings

Table 69. Diodes incorporated Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 70. Intel Corporate Summary

Table 71. Intel Buffers and Line Drivers Product Offerings

Table 72. Intel Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 73. Renesas Electronics Corporate Summary

Table 74. Renesas Electronics Buffers and Line Drivers Product Offerings

Table 75. Renesas Electronics Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 76. Maxlinear, Inc Corporate Summary

Table 77. Maxlinear, Inc Buffers and Line Drivers Product Offerings

Table 78. Maxlinear, Inc Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 79. Microsemi Corporate Summary

Table 80. Microsemi Buffers and Line Drivers Product Offerings

Table 81. Microsemi Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 82. Teledyne e2v Corporate Summary
Table 83. Teledyne e2v Buffers and Line Drivers Product Offerings
Table 84. Teledyne e2v Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 85. Toshiba Corporate Summary
Table 86. Toshiba Buffers and Line Drivers Product Offerings
Table 87. Toshiba Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 88. Analog Devices Inc Corporate Summary
Table 89. Analog Devices Inc Buffers and Line Drivers Product Offerings
Table 90. Analog Devices Inc Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 91. Broadcom Limited Corporate Summary
Table 92. Broadcom Limited Buffers and Line Drivers Product Offerings
Table 93. Broadcom Limited Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 94. Hirose Electric Corporate Summary
Table 95. Hirose Electric Buffers and Line Drivers Product Offerings
Table 96. Hirose Electric Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 97. IDT Corporate Summary
Table 98. IDT Buffers and Line Drivers Product Offerings
Table 99. IDT Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 100. Maxim Integrated Corporate Summary
Table 101. Maxim Integrated Buffers and Line Drivers Product Offerings
Table 102. Maxim Integrated Buffers and Line Drivers Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 103. Buffers and Line Drivers Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)
Table 104. Global Buffers and Line Drivers Capacity Market Share of Key Manufacturers, 2020-2022
Table 105. Global Buffers and Line Drivers Production by Region, 2017-2022 (K Units)
Table 106. Global Buffers and Line Drivers Production by Region, 2023-2028 (K Units)
Table 107. Buffers and Line Drivers Market Opportunities & Trends in Global Market
Table 108. Buffers and Line Drivers Market Drivers in Global Market
Table 109. Buffers and Line Drivers Market Restraints in Global Market

Table 110. Buffers and Line Drivers Raw Materials

Table 111. Buffers and Line Drivers Raw Materials Suppliers in Global Market

Table 112. Typical Buffers and Line Drivers Downstream

Table 113. Buffers and Line Drivers Downstream Clients in Global Market

Table 114. Buffers and Line Drivers Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. Buffers and Line Drivers Segment by Type
- Figure 2. Buffers and Line Drivers Segment by Application
- Figure 3. Global Buffers and Line Drivers Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Global Buffers and Line Drivers Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Buffers and Line Drivers Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Buffers and Line Drivers Sales in Global Market: 2017-2028 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by Buffers and Line Drivers Revenue in 2021
- Figure 9. By Type - Global Buffers and Line Drivers Sales Market Share, 2017-2028
- Figure 10. By Type - Global Buffers and Line Drivers Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Buffers and Line Drivers Price (USD/Unit), 2017-2028
- Figure 12. By Application - Global Buffers and Line Drivers Sales Market Share, 2017-2028
- Figure 13. By Application - Global Buffers and Line Drivers Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Buffers and Line Drivers Price (USD/Unit), 2017-2028
- Figure 15. By Region - Global Buffers and Line Drivers Sales Market Share, 2017-2028
- Figure 16. By Region - Global Buffers and Line Drivers Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Buffers and Line Drivers Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Buffers and Line Drivers Sales Market Share, 2017-2028
- Figure 19. US Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe Buffers and Line Drivers Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe Buffers and Line Drivers Sales Market Share, 2017-2028
- Figure 24. Germany Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 25. France Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028

- Figure 27. Italy Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Buffers and Line Drivers Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Buffers and Line Drivers Sales Market Share, 2017-2028
- Figure 33. China Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 36. Southeast Asia Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 37. India Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country - South America Buffers and Line Drivers Revenue Market Share, 2017-2028
- Figure 39. By Country - South America Buffers and Line Drivers Sales Market Share, 2017-2028
- Figure 40. Brazil Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country - Middle East & Africa Buffers and Line Drivers Revenue Market Share, 2017-2028
- Figure 43. By Country - Middle East & Africa Buffers and Line Drivers Sales Market Share, 2017-2028
- Figure 44. Turkey Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE Buffers and Line Drivers Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global Buffers and Line Drivers Production Capacity (K Units), 2017-2028
- Figure 49. The Percentage of Production Buffers and Line Drivers by Region, 2020 VS 2027
- Figure 50. Buffers and Line Drivers Industry Value Chain
- Figure 51. Marketing Channels

I would like to order

Product name: Buffers and Line Drivers Market - Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/BA9032D59000EN.html>

Price: US\$ 3,250.00 (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/BA9032D59000EN.html>