+357 96 030922
info@marketpublishers.com

Global Automotive Grade PCIe Switch Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GC6913E5AB00EN.html
Date: July 2026
Pages: 102
Price: US$ 4,480.00 (Single User License)
ID: GC6913E5AB00EN

Abstracts

The global Automotive Grade PCIe Switch market size is expected to reach $ 681 million by 2032, rising at a market growth of 9.2% CAGR during the forecast period (2026-2032).

The Automotive-Grade PCIe Switch is a core high-performance data transmission component in intelligent automotive electronic systems, supporting high-speed signal routing, packet forwarding, traffic management, and error detection to ensure reliable communication among ADAS, infotainment, in-vehicle computing, and autonomous driving control modules. The chip is manufactured using advanced processes, meeting automotive-grade temperature and electromagnetic compatibility (EMC) requirements, and features high reliability, high bandwidth, and low power consumption. Upstream involves semiconductor wafers, packaging materials, and EDA tools, while the midstream covers chip design, verification, and packaging/testing, with a focus on high-speed signal integrity, EMC, and thermal management. Downstream targets OEMs and system integrators, with typical customers including BMW, Mercedes-Benz, Toyota, Volkswagen, BYD, NIO, Xpeng, Li Auto, and Tesla. Applications include autonomous driving platforms, in-vehicle infotainment, and connected vehicle communication. North America and Europe emphasize reliability and automotive-grade certification, while China and the Asia-Pacific region are seeing rapid growth in demand for high-bandwidth, low-latency PCIe solutions. In 2025, production was 14.44 million units and the average price was USD 25 per unit. The industry?s capacity utilization rate in 2025 was about 80%, and the average gross margin was around 60%.

The growth of the Automotive-Grade PCIe Switch market is primarily driven by the upgrade of intelligent connected vehicle and autonomous driving electronic architectures. High-performance central computing platforms have significantly

+357 96 030922
info@marketpublishers.com

increased the demand for low-latency, multi-channel high-speed communication chips, while the rising level of electronics in passenger and commercial vehicles has elevated the overall vehicle data bus load. From a policy perspective, the implementation of intelligent connected vehicle standards and V2X communication regulations in Europe, the U.S., China, and Japan requires in-vehicle networks to provide higher bandwidth and reliability, driving chip iteration and upgrades. Technological innovation is also a key driver: FinFET and more advanced process nodes improve operating frequency and reduce power consumption, while high-speed signal integrity optimization, integrated traffic control, and automotive-grade verification capabilities ensure stable chip operation in complex in-vehicle environments. Additionally, the accelerated deployment of new energy vehicles and electric commercial vehicles demands that PCIe switches support high-reliability battery management systems and advanced driver-assistance systems, further expanding the market application space.

This report studies the global Automotive Grade PCIe Switch production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Grade PCIe Switch and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive Grade PCIe Switch that contribute to its increasing demand across many markets.

Highlights and key features of the study
Global Automotive Grade PCIe Switch total production and demand, 2021-2032, (Million Units)
Global Automotive Grade PCIe Switch total production value, 2021-2032, (USD Million)
Global Automotive Grade PCIe Switch production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Units), (based on production site)
Global Automotive Grade PCIe Switch consumption by region & country, CAGR, 2021-2032 & (Million Units)
U.S. VS China: Automotive Grade PCIe Switch domestic production, consumption, key domestic manufacturers and share
Global Automotive Grade PCIe Switch production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Units)
Global Automotive Grade PCIe Switch production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)
Global Automotive Grade PCIe Switch production by Application, production, value,

+357 96 030922
info@marketpublishers.com

CAGR, 2021-2032, (USD Million) & (Million Units)

This report profiles key players in the global Automotive Grade PCIe Switch market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Broadcom (USA), Astera Labs (USA), Microchip (USA), Texas Instruments (USA), ASMedia (China), Montage Technology (China), Diodes (USA), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive Grade PCIe Switch market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Million Units) and average price (US$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Automotive Grade PCIe Switch Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

+357 96 030922
info@marketpublishers.com

Rest of World

Global Automotive Grade PCIe Switch Market, Segmentation by Type:

PCIe 2.0

PCIe 3.0

PCIe 4.0

Others

Global Automotive Grade PCIe Switch Market, Segmentation by Number of Ports:

4-Port

8-Port

16-Port

Others

Global Automotive Grade PCIe Switch Market, Segmentation by Package:

BGA

LGA

Others

Global Automotive Grade PCIe Switch Market, Segmentation by Switching Architecture:

Single-Level Switch Type

Multi-Level Switch Type

+357 96 030922
info@marketpublishers.com

Global Automotive Grade PCIe Switch Market, Segmentation by Application:

Passenger Cars

Commercial Vehicle

Companies Profiled:

Broadcom (USA)

Astera Labs (USA)

Microchip (USA)

Texas Instruments (USA)

ASMedia (China)

Montage Technology (China)

Diodes (USA)

Key Questions Answered:
1. How big is the global Automotive Grade PCIe Switch market?
2. What is the demand of the global Automotive Grade PCIe Switch market?
3. What is the year over year growth of the global Automotive Grade PCIe Switch market?
4. What is the production and production value of the global Automotive Grade PCIe Switch market?
5. Who are the key producers in the global Automotive Grade PCIe Switch market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

1.1 Automotive Grade PCIe Switch Introduction
1.2 World Automotive Grade PCIe Switch Supply & Forecast
  1.2.1 World Automotive Grade PCIe Switch Production Value (2021 & 2025 & 2032)
  1.2.2 World Automotive Grade PCIe Switch Production (2021-2032)
  1.2.3 World Automotive Grade PCIe Switch Pricing Trends (2021-2032)
1.3 World Automotive Grade PCIe Switch Production by Region (Based on Production Site)
  1.3.1 World Automotive Grade PCIe Switch Production Value by Region (2021-2032)
  1.3.2 World Automotive Grade PCIe Switch Production by Region (2021-2032)
  1.3.3 World Automotive Grade PCIe Switch Average Price by Region (2021-2032)
  1.3.4 North America Automotive Grade PCIe Switch Production (2021-2032)
  1.3.5 Europe Automotive Grade PCIe Switch Production (2021-2032)
  1.3.6 China Automotive Grade PCIe Switch Production (2021-2032)
  1.3.7 Japan Automotive Grade PCIe Switch Production (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 Automotive Grade PCIe Switch Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 Automotive Grade PCIe Switch Major Market Trends

2 DEMAND SUMMARY

2.1 World Automotive Grade PCIe Switch Demand (2021-2032)
2.2 World Automotive Grade PCIe Switch Consumption by Region
  2.2.1 World Automotive Grade PCIe Switch Consumption by Region (2021-2026)
  2.2.2 World Automotive Grade PCIe Switch Consumption Forecast by Region (2027-2032)
2.3 United States Automotive Grade PCIe Switch Consumption (2021-2032)
2.4 China Automotive Grade PCIe Switch Consumption (2021-2032)
2.5 Europe Automotive Grade PCIe Switch Consumption (2021-2032)
2.6 Japan Automotive Grade PCIe Switch Consumption (2021-2032)
2.7 South Korea Automotive Grade PCIe Switch Consumption (2021-2032)
2.8 ASEAN Automotive Grade PCIe Switch Consumption (2021-2032)
2.9 India Automotive Grade PCIe Switch Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

+357 96 030922
info@marketpublishers.com

3.1 World Automotive Grade PCIe Switch Production Value by Manufacturer (2021-2026)
3.2 World Automotive Grade PCIe Switch Production by Manufacturer (2021-2026)
3.3 World Automotive Grade PCIe Switch Average Price by Manufacturer (2021-2026)
3.4 Automotive Grade PCIe Switch Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
  3.5.1 Global Automotive Grade PCIe Switch Industry Rank of Major Manufacturers
  3.5.2 Global Concentration Ratios (CR4) for Automotive Grade PCIe Switch in 2025
  3.5.3 Global Concentration Ratios (CR8) for Automotive Grade PCIe Switch in 2025
3.6 Automotive Grade PCIe Switch Market: Overall Company Footprint Analysis
  3.6.1 Automotive Grade PCIe Switch Market: Region Footprint
  3.6.2 Automotive Grade PCIe Switch Market: Company Product Type Footprint
  3.6.3 Automotive Grade PCIe Switch Market: Company Product Application Footprint
3.7 Competitive Environment
  3.7.1 Historical Structure of the Industry
  3.7.2 Barriers of Market Entry
  3.7.3 Factors of Competition
3.8 New Entrant and Capacity Expansion Plans
3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Automotive Grade PCIe Switch Production Value Comparison
  4.1.1 United States VS China: Automotive Grade PCIe Switch Production Value Comparison (2021 & 2025 & 2032)
  4.1.2 United States VS China: Automotive Grade PCIe Switch Production Value Market Share Comparison (2021 & 2025 & 2032)
4.2 United States VS China: Automotive Grade PCIe Switch Production Comparison
  4.2.1 United States VS China: Automotive Grade PCIe Switch Production Comparison (2021 & 2025 & 2032)
  4.2.2 United States VS China: Automotive Grade PCIe Switch Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: Automotive Grade PCIe Switch Consumption Comparison
  4.3.1 United States VS China: Automotive Grade PCIe Switch Consumption Comparison (2021 & 2025 & 2032)
  4.3.2 United States VS China: Automotive Grade PCIe Switch Consumption Market Share Comparison (2021 & 2025 & 2032)

+357 96 030922
info@marketpublishers.com

4.4 United States Based Automotive Grade PCIe Switch Manufacturers and Market Share, 2021-2026
4.4.1 United States Based Automotive Grade PCIe Switch Manufacturers, Headquarters and Production Site (States, Country)
4.4.2 United States Based Manufacturers Automotive Grade PCIe Switch Production Value (2021-2026)
4.4.3 United States Based Manufacturers Automotive Grade PCIe Switch Production (2021-2026)
4.5 China Based Automotive Grade PCIe Switch Manufacturers and Market Share
4.5.1 China Based Automotive Grade PCIe Switch Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers Automotive Grade PCIe Switch Production Value (2021-2026)
4.5.3 China Based Manufacturers Automotive Grade PCIe Switch Production (2021-2026)
4.6 Rest of World Based Automotive Grade PCIe Switch Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based Automotive Grade PCIe Switch Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers Automotive Grade PCIe Switch Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers Automotive Grade PCIe Switch Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Automotive Grade PCIe Switch Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 PCIe 2.0
5.2.2 PCIe 3.0
5.2.3 PCIe 4.0
5.2.4 Others
5.3 Market Segment by Type
5.3.1 World Automotive Grade PCIe Switch Production by Type (2021-2032)
5.3.2 World Automotive Grade PCIe Switch Production Value by Type (2021-2032)
5.3.3 World Automotive Grade PCIe Switch Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY NUMBER OF PORTS

+357 96 030922
info@marketpublishers.com

6.1 World Automotive Grade PCIe Switch Market Size Overview by Number of Ports: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Number of Ports
6.2.1 4-Port
6.2.2 8-Port
6.2.3 16-Port
6.2.4 Others
6.3 Market Segment by Number of Ports
6.3.1 World Automotive Grade PCIe Switch Production by Number of Ports (2021-2032)
6.3.2 World Automotive Grade PCIe Switch Production Value by Number of Ports (2021-2032)
6.3.3 World Automotive Grade PCIe Switch Average Price by Number of Ports (2021-2032)

7 MARKET ANALYSIS BY PACKAGE

7.1 World Automotive Grade PCIe Switch Market Size Overview by Package: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Package
7.2.1 BGA
7.2.2 LGA
7.2.3 Others
7.3 Market Segment by Package
7.3.1 World Automotive Grade PCIe Switch Production by Package (2021-2032)
7.3.2 World Automotive Grade PCIe Switch Production Value by Package (2021-2032)
7.3.3 World Automotive Grade PCIe Switch Average Price by Package (2021-2032)

8 MARKET ANALYSIS BY SWITCHING ARCHITECTURE

8.1 World Automotive Grade PCIe Switch Market Size Overview by Switching Architecture: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Switching Architecture
8.2.1 Single-Level Switch Type
8.2.2 Multi-Level Switch Type
8.3 Market Segment by Switching Architecture
8.3.1 World Automotive Grade PCIe Switch Production by Switching Architecture (2021-2032)

+357 96 030922
info@marketpublishers.com

8.3.2 World Automotive Grade PCIe Switch Production Value by Switching Architecture (2021-2032)
8.3.3 World Automotive Grade PCIe Switch Average Price by Switching Architecture (2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World Automotive Grade PCIe Switch Market Size Overview by Application: 2021 VS 2025 VS 2032
9.2 Segment Introduction by Application
9.2.1 Passenger Cars
9.2.2 Commercial Vehicle
9.3 Market Segment by Application
9.3.1 World Automotive Grade PCIe Switch Production by Application (2021-2032)
9.3.2 World Automotive Grade PCIe Switch Production Value by Application (2021-2032)
9.3.3 World Automotive Grade PCIe Switch Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 Broadcom (USA)
10.1.1 Broadcom (USA) Details
10.1.2 Broadcom (USA) Major Business
10.1.3 Broadcom (USA) Automotive Grade PCIe Switch Product and Services
10.1.4 Broadcom (USA) Automotive Grade PCIe Switch Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.1.5 Broadcom (USA) Recent Developments/Updates
10.1.6 Broadcom (USA) Competitive Strengths & Weaknesses
10.2 Astera Labs (USA)
10.2.1 Astera Labs (USA) Details
10.2.2 Astera Labs (USA) Major Business
10.2.3 Astera Labs (USA) Automotive Grade PCIe Switch Product and Services
10.2.4 Astera Labs (USA) Automotive Grade PCIe Switch Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.2.5 Astera Labs (USA) Recent Developments/Updates
10.2.6 Astera Labs (USA) Competitive Strengths & Weaknesses
10.3 Microchip (USA)
10.3.1 Microchip (USA) Details
10.3.2 Microchip (USA) Major Business

+357 96 030922
info@marketpublishers.com

10.3.3 Microchip (USA) Automotive Grade PCIe Switch Product and Services
10.3.4 Microchip (USA) Automotive Grade PCIe Switch Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.3.5 Microchip (USA) Recent Developments/Updates
10.3.6 Microchip (USA) Competitive Strengths & Weaknesses
10.4 Texas Instruments (USA)
10.4.1 Texas Instruments (USA) Details
10.4.2 Texas Instruments (USA) Major Business
10.4.3 Texas Instruments (USA) Automotive Grade PCIe Switch Product and Services
10.4.4 Texas Instruments (USA) Automotive Grade PCIe Switch Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.4.5 Texas Instruments (USA) Recent Developments/Updates
10.4.6 Texas Instruments (USA) Competitive Strengths & Weaknesses
10.5 ASMedia (China)
10.5.1 ASMedia (China) Details
10.5.2 ASMedia (China) Major Business
10.5.3 ASMedia (China) Automotive Grade PCIe Switch Product and Services
10.5.4 ASMedia (China) Automotive Grade PCIe Switch Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.5.5 ASMedia (China) Recent Developments/Updates
10.5.6 ASMedia (China) Competitive Strengths & Weaknesses
10.6 Montage Technology (China)
10.6.1 Montage Technology (China) Details
10.6.2 Montage Technology (China) Major Business
10.6.3 Montage Technology (China) Automotive Grade PCIe Switch Product and Services
10.6.4 Montage Technology (China) Automotive Grade PCIe Switch Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.6.5 Montage Technology (China) Recent Developments/Updates
10.6.6 Montage Technology (China) Competitive Strengths & Weaknesses
10.7 Diodes (USA)
10.7.1 Diodes (USA) Details
10.7.2 Diodes (USA) Major Business
10.7.3 Diodes (USA) Automotive Grade PCIe Switch Product and Services
10.7.4 Diodes (USA) Automotive Grade PCIe Switch Production, Price, Value, Gross Margin and Market Share (2021-2026)
10.7.5 Diodes (USA) Recent Developments/Updates
10.7.6 Diodes (USA) Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

11 INDUSTRY CHAIN ANALYSIS

11.1 Automotive Grade PCIe Switch Industry Chain
11.2 Automotive Grade PCIe Switch Upstream Analysis
  11.2.1 Automotive Grade PCIe Switch Core Raw Materials
  11.2.2 Main Manufacturers of Automotive Grade PCIe Switch Core Raw Materials
11.3 Midstream Analysis
11.4 Downstream Analysis
11.5 Automotive Grade PCIe Switch Production Mode
11.6 Automotive Grade PCIe Switch Procurement Model
11.7 Automotive Grade PCIe Switch Industry Sales Model and Sales Channels
  11.7.1 Automotive Grade PCIe Switch Sales Model
  11.7.2 Automotive Grade PCIe Switch Typical Distributors

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

13.1 Methodology
13.2 Research Process and Data Source
13.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World Automotive Grade PCIe Switch Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World Automotive Grade PCIe Switch Production Value by Region (2021-2026) & (USD Million)
Table 3. World Automotive Grade PCIe Switch Production Value by Region (2027-2032) & (USD Million)
Table 4. World Automotive Grade PCIe Switch Production Value Market Share by Region (2021-2026)
Table 5. World Automotive Grade PCIe Switch Production Value Market Share by Region (2027-2032)
Table 6. World Automotive Grade PCIe Switch Production by Region (2021-2026) & (Million Units)
Table 7. World Automotive Grade PCIe Switch Production by Region (2027-2032) & (Million Units)
Table 8. World Automotive Grade PCIe Switch Production Market Share by Region (2021-2026)
Table 9. World Automotive Grade PCIe Switch Production Market Share by Region (2027-2032)
Table 10. World Automotive Grade PCIe Switch Average Price by Region (2021-2026) & (US$/Unit)
Table 11. World Automotive Grade PCIe Switch Average Price by Region (2027-2032) & (US$/Unit)
Table 12. Automotive Grade PCIe Switch Major Market Trends
Table 13. World Automotive Grade PCIe Switch Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Million Units)
Table 14. World Automotive Grade PCIe Switch Consumption by Region (2021-2026) & (Million Units)
Table 15. World Automotive Grade PCIe Switch Consumption Forecast by Region (2027-2032) & (Million Units)
Table 16. World Automotive Grade PCIe Switch Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key Automotive Grade PCIe Switch Producers in 2025
Table 18. World Automotive Grade PCIe Switch Production by Manufacturer (2021-2026) & (Million Units)

+357 96 030922
info@marketpublishers.com

Table 19. Production Market Share of Key Automotive Grade PCIe Switch Producers in 2025
Table 20. World Automotive Grade PCIe Switch Average Price by Manufacturer (2021-2026) & (US$/Unit)
Table 21. Global Automotive Grade PCIe Switch Company Evaluation Quadrant
Table 22. World Automotive Grade PCIe Switch Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and Automotive Grade PCIe Switch Production Site of Key Manufacturer
Table 24. Automotive Grade PCIe Switch Market: Company Product Type Footprint
Table 25. Automotive Grade PCIe Switch Market: Company Product Application Footprint
Table 26. Automotive Grade PCIe Switch Competitive Factors
Table 27. Automotive Grade PCIe Switch New Entrant and Capacity Expansion Plans
Table 28. Automotive Grade PCIe Switch Mergers & Acquisitions Activity
Table 29. United States VS China Automotive Grade PCIe Switch Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Automotive Grade PCIe Switch Production Comparison, (2021 & 2025 & 2032) & (Million Units)
Table 31. United States VS China Automotive Grade PCIe Switch Consumption Comparison, (2021 & 2025 & 2032) & (Million Units)
Table 32. United States Based Automotive Grade PCIe Switch Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Automotive Grade PCIe Switch Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Automotive Grade PCIe Switch Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Automotive Grade PCIe Switch Production (2021-2026) & (Million Units)
Table 36. United States Based Manufacturers Automotive Grade PCIe Switch Production Market Share (2021-2026)
Table 37. China Based Automotive Grade PCIe Switch Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Automotive Grade PCIe Switch Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Automotive Grade PCIe Switch Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers Automotive Grade PCIe Switch Production, (2021-2026) & (Million Units)

+357 96 030922
info@marketpublishers.com

Table 41. China Based Manufacturers Automotive Grade PCIe Switch Production Market Share (2021-2026)
Table 42. Rest of World Based Automotive Grade PCIe Switch Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers Automotive Grade PCIe Switch Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers Automotive Grade PCIe Switch Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers Automotive Grade PCIe Switch Production, (2021-2026) & (Million Units)
Table 46. Rest of World Based Manufacturers Automotive Grade PCIe Switch Production Market Share (2021-2026)
Table 47. World Automotive Grade PCIe Switch Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World Automotive Grade PCIe Switch Production by Type (2021-2026) & (Million Units)
Table 49. World Automotive Grade PCIe Switch Production by Type (2027-2032) & (Million Units)
Table 50. World Automotive Grade PCIe Switch Production Value by Type (2021-2026) & (USD Million)
Table 51. World Automotive Grade PCIe Switch Production Value by Type (2027-2032) & (USD Million)
Table 52. World Automotive Grade PCIe Switch Average Price by Type (2021-2026) & (US$/Unit)
Table 53. World Automotive Grade PCIe Switch Average Price by Type (2027-2032) & (US$/Unit)
Table 54. World Automotive Grade PCIe Switch Production Value by Number of Ports, (USD Million), 2021 & 2025 & 2032
Table 55. World Automotive Grade PCIe Switch Production by Number of Ports (2021-2026) & (Million Units)
Table 56. World Automotive Grade PCIe Switch Production by Number of Ports (2027-2032) & (Million Units)
Table 57. World Automotive Grade PCIe Switch Production Value by Number of Ports (2021-2026) & (USD Million)
Table 58. World Automotive Grade PCIe Switch Production Value by Number of Ports (2027-2032) & (USD Million)
Table 59. World Automotive Grade PCIe Switch Average Price by Number of Ports (2021-2026) & (US$/Unit)
Table 60. World Automotive Grade PCIe Switch Average Price by Number of Ports

+357 96 030922
info@marketpublishers.com

(2027-2032) & (US$/Unit)
Table 61. World Automotive Grade PCIe Switch Production Value by Package, (USD Million), 2021 & 2025 & 2032
Table 62. World Automotive Grade PCIe Switch Production by Package (2021-2026) & (Million Units)
Table 63. World Automotive Grade PCIe Switch Production by Package (2027-2032) & (Million Units)
Table 64. World Automotive Grade PCIe Switch Production Value by Package (2021-2026) & (USD Million)
Table 65. World Automotive Grade PCIe Switch Production Value by Package (2027-2032) & (USD Million)
Table 66. World Automotive Grade PCIe Switch Average Price by Package (2021-2026) & (US$/Unit)
Table 67. World Automotive Grade PCIe Switch Average Price by Package (2027-2032) & (US$/Unit)
Table 68. World Automotive Grade PCIe Switch Production Value by Switching Architecture, (USD Million), 2021 & 2025 & 2032
Table 69. World Automotive Grade PCIe Switch Production by Switching Architecture (2021-2026) & (Million Units)
Table 70. World Automotive Grade PCIe Switch Production by Switching Architecture (2027-2032) & (Million Units)
Table 71. World Automotive Grade PCIe Switch Production Value by Switching Architecture (2021-2026) & (USD Million)
Table 72. World Automotive Grade PCIe Switch Production Value by Switching Architecture (2027-2032) & (USD Million)
Table 73. World Automotive Grade PCIe Switch Average Price by Switching Architecture (2021-2026) & (US$/Unit)
Table 74. World Automotive Grade PCIe Switch Average Price by Switching Architecture (2027-2032) & (US$/Unit)
Table 75. World Automotive Grade PCIe Switch Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 76. World Automotive Grade PCIe Switch Production by Application (2021-2026) & (Million Units)
Table 77. World Automotive Grade PCIe Switch Production by Application (2027-2032) & (Million Units)
Table 78. World Automotive Grade PCIe Switch Production Value by Application (2021-2026) & (USD Million)
Table 79. World Automotive Grade PCIe Switch Production Value by Application (2027-2032) & (USD Million)

+357 96 030922
info@marketpublishers.com

Table 80. World Automotive Grade PCIe Switch Average Price by Application (2021-2026) & (US$/Unit)
Table 81. World Automotive Grade PCIe Switch Average Price by Application (2027-2032) & (US$/Unit)
Table 82. Broadcom (USA) Basic Information, Manufacturing Base and Competitors
Table 83. Broadcom (USA) Major Business
Table 84. Broadcom (USA) Automotive Grade PCIe Switch Product and Services
Table 85. Broadcom (USA) Automotive Grade PCIe Switch Production (Million Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 86. Broadcom (USA) Recent Developments/Updates
Table 87. Broadcom (USA) Competitive Strengths & Weaknesses
Table 88. Astera Labs (USA) Basic Information, Manufacturing Base and Competitors
Table 89. Astera Labs (USA) Major Business
Table 90. Astera Labs (USA) Automotive Grade PCIe Switch Product and Services
Table 91. Astera Labs (USA) Automotive Grade PCIe Switch Production (Million Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 92. Astera Labs (USA) Recent Developments/Updates
Table 93. Astera Labs (USA) Competitive Strengths & Weaknesses
Table 94. Microchip (USA) Basic Information, Manufacturing Base and Competitors
Table 95. Microchip (USA) Major Business
Table 96. Microchip (USA) Automotive Grade PCIe Switch Product and Services
Table 97. Microchip (USA) Automotive Grade PCIe Switch Production (Million Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 98. Microchip (USA) Recent Developments/Updates
Table 99. Microchip (USA) Competitive Strengths & Weaknesses
Table 100. Texas Instruments (USA) Basic Information, Manufacturing Base and Competitors
Table 101. Texas Instruments (USA) Major Business
Table 102. Texas Instruments (USA) Automotive Grade PCIe Switch Product and Services
Table 103. Texas Instruments (USA) Automotive Grade PCIe Switch Production (Million Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 104. Texas Instruments (USA) Recent Developments/Updates
Table 105. Texas Instruments (USA) Competitive Strengths & Weaknesses
Table 106. ASMedia (China) Basic Information, Manufacturing Base and Competitors

+357 96 030922
info@marketpublishers.com

Table 107. ASMedia (China) Major Business
Table 108. ASMedia (China) Automotive Grade PCIe Switch Product and Services
Table 109. ASMedia (China) Automotive Grade PCIe Switch Production (Million Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 110. ASMedia (China) Recent Developments/Updates
Table 111. ASMedia (China) Competitive Strengths & Weaknesses
Table 112. Montage Technology (China) Basic Information, Manufacturing Base and Competitors
Table 113. Montage Technology (China) Major Business
Table 114. Montage Technology (China) Automotive Grade PCIe Switch Product and Services
Table 115. Montage Technology (China) Automotive Grade PCIe Switch Production (Million Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 116. Montage Technology (China) Recent Developments/Updates
Table 117. Montage Technology (China) Competitive Strengths & Weaknesses
Table 118. Diodes (USA) Basic Information, Manufacturing Base and Competitors
Table 119. Diodes (USA) Major Business
Table 120. Diodes (USA) Automotive Grade PCIe Switch Product and Services
Table 121. Diodes (USA) Automotive Grade PCIe Switch Production (Million Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 122. Diodes (USA) Recent Developments/Updates
Table 123. Diodes (USA) Competitive Strengths & Weaknesses
Table 124. Global Key Players of Automotive Grade PCIe Switch Upstream (Raw Materials)
Table 125. Global Automotive Grade PCIe Switch Typical Customers
Table 126. Automotive Grade PCIe Switch Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Automotive Grade PCIe Switch Picture
Figure 2. World Automotive Grade PCIe Switch Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World Automotive Grade PCIe Switch Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World Automotive Grade PCIe Switch Production (2021-2032) & (Million Units)
Figure 5. World Automotive Grade PCIe Switch Average Price (2021-2032) & (US$/Unit)
Figure 6. World Automotive Grade PCIe Switch Production Value Market Share by Region (2021-2032)
Figure 7. World Automotive Grade PCIe Switch Production Market Share by Region (2021-2032)
Figure 8. North America Automotive Grade PCIe Switch Production (2021-2032) & (Million Units)
Figure 9. Europe Automotive Grade PCIe Switch Production (2021-2032) & (Million Units)
Figure 10. China Automotive Grade PCIe Switch Production (2021-2032) & (Million Units)
Figure 11. Japan Automotive Grade PCIe Switch Production (2021-2032) & (Million Units)
Figure 12. Automotive Grade PCIe Switch Market Drivers
Figure 13. Factors Affecting Demand
Figure 14. World Automotive Grade PCIe Switch Consumption (2021-2032) & (Million Units)
Figure 15. World Automotive Grade PCIe Switch Consumption Market Share by Region (2021-2032)
Figure 16. United States Automotive Grade PCIe Switch Consumption (2021-2032) & (Million Units)
Figure 17. China Automotive Grade PCIe Switch Consumption (2021-2032) & (Million Units)
Figure 18. Europe Automotive Grade PCIe Switch Consumption (2021-2032) & (Million Units)
Figure 19. Japan Automotive Grade PCIe Switch Consumption (2021-2032) & (Million Units)
Figure 20. South Korea Automotive Grade PCIe Switch Consumption (2021-2032) &

+357 96 030922
info@marketpublishers.com

(Million Units)
Figure 21. ASEAN Automotive Grade PCIe Switch Consumption (2021-2032) & (Million Units)
Figure 22. India Automotive Grade PCIe Switch Consumption (2021-2032) & (Million Units)
Figure 23. Producer Shipments of Automotive Grade PCIe Switch by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 24. Global Four-firm Concentration Ratios (CR4) for Automotive Grade PCIe Switch Markets in 2025
Figure 25. Global Four-firm Concentration Ratios (CR8) for Automotive Grade PCIe Switch Markets in 2025
Figure 26. United States VS China: Automotive Grade PCIe Switch Production Value Market Share Comparison (2021 & 2025 & 2032)
Figure 27. United States VS China: Automotive Grade PCIe Switch Production Market Share Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: Automotive Grade PCIe Switch Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 29. United States Based Manufacturers Automotive Grade PCIe Switch Production Market Share 2025
Figure 30. China Based Manufacturers Automotive Grade PCIe Switch Production Market Share 2025
Figure 31. Rest of World Based Manufacturers Automotive Grade PCIe Switch Production Market Share 2025
Figure 32. World Automotive Grade PCIe Switch Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 33. World Automotive Grade PCIe Switch Production Value Market Share by Type in 2025
Figure 34. PCIe 2.0
Figure 35. PCIe 3.0
Figure 36. PCIe 4.0
Figure 37. Others
Figure 38. World Automotive Grade PCIe Switch Production Market Share by Type (2021-2032)
Figure 39. World Automotive Grade PCIe Switch Production Value Market Share by Type (2021-2032)
Figure 40. World Automotive Grade PCIe Switch Average Price by Type (2021-2032) & (US$/Unit)
Figure 41. World Automotive Grade PCIe Switch Production Value by Number of Ports, (USD Million), 2021 & 2025 & 2032

+357 96 030922
info@marketpublishers.com

Figure 42. World Automotive Grade PCIe Switch Production Value Market Share by Number of Ports in 2025
Figure 43. 4-Port
Figure 44. 8-Port
Figure 45. 16-Port
Figure 46. Others
Figure 47. World Automotive Grade PCIe Switch Production Market Share by Number of Ports (2021-2032)
Figure 48. World Automotive Grade PCIe Switch Production Value Market Share by Number of Ports (2021-2032)
Figure 49. World Automotive Grade PCIe Switch Average Price by Number of Ports (2021-2032) & (US$/Unit)
Figure 50. World Automotive Grade PCIe Switch Production Value by Package, (USD Million), 2021 & 2025 & 2032
Figure 51. World Automotive Grade PCIe Switch Production Value Market Share by Package in 2025
Figure 52. BGA
Figure 53. LGA
Figure 54. Others
Figure 55. World Automotive Grade PCIe Switch Production Market Share by Package (2021-2032)
Figure 56. World Automotive Grade PCIe Switch Production Value Market Share by Package (2021-2032)
Figure 57. World Automotive Grade PCIe Switch Average Price by Package (2021-2032) & (US$/Unit)
Figure 58. World Automotive Grade PCIe Switch Production Value by Switching Architecture, (USD Million), 2021 & 2025 & 2032
Figure 59. World Automotive Grade PCIe Switch Production Value Market Share by Switching Architecture in 2025
Figure 60. Single-Level Switch Type
Figure 61. Multi-Level Switch Type
Figure 62. World Automotive Grade PCIe Switch Production Market Share by Switching Architecture (2021-2032)
Figure 63. World Automotive Grade PCIe Switch Production Value Market Share by Switching Architecture (2021-2032)
Figure 64. World Automotive Grade PCIe Switch Average Price by Switching Architecture (2021-2032) & (US$/Unit)
Figure 65. World Automotive Grade PCIe Switch Production Value by Application, (USD Million), 2021 & 2025 & 2032

+357 96 030922
info@marketpublishers.com

Figure 66. World Automotive Grade PCIe Switch Production Value Market Share by Application in 2025
Figure 67. Passenger Cars
Figure 68. Commercial Vehicle
Figure 69. World Automotive Grade PCIe Switch Production Market Share by Application (2021-2032)
Figure 70. World Automotive Grade PCIe Switch Production Value Market Share by Application (2021-2032)
Figure 71. World Automotive Grade PCIe Switch Average Price by Application (2021-2032) & (US$/Unit)
Figure 72. Automotive Grade PCIe Switch Industry Chain
Figure 73. Automotive Grade PCIe Switch Procurement Model
Figure 74. Automotive Grade PCIe Switch Sales Model
Figure 75. Automotive Grade PCIe Switch Sales Channels, Direct Sales, and Distribution
Figure 76. Methodology
Figure 77. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Automotive Grade PCIe Switch Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GC6913E5AB00EN.html

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GC6913E5AB00EN.html