

# Automotive Ethernet Gateway Industry Research Report 2023

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# Abstracts

As the central communication node of the vehicle Ethernet, the vehicle Ethernet gateway realizes the communication service between the vehicle and the outside world by connecting the telematics control unit. At the same time, for the data accessed by the outside world, the firewall and intrusion detection ensure the safety of vehicle information.

#### Highlights

The global Automotive Ethernet Gateway market is projected to reach US\$ million by 2029 from an estimated US\$ million in 2022, at a CAGR of % during 2023 and 2029.

Global key manufacturers of Automotive Ethernet Gateway include NXP Semiconductors, Bosch, Infineon Technologies, Vector Informatik, etc. These top four manufacturers hold a market share over 38%. Europe is the major producing region in the world. In terms of application, the product is most widely used in passenger car, followed by commercial vehicle.

#### Report Scope

This report aims to provide a comprehensive presentation of the global market for Automotive Ethernet Gateway, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Automotive Ethernet Gateway.

The Automotive Ethernet Gateway market size, estimations, and forecasts are provided



in terms of output/shipments (K Units) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Automotive Ethernet Gateway market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Automotive Ethernet Gateway manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

FEV Group

Continental

NXP Semiconductors

**DASAN Network** 

Bosch



**Texas Instruments** 

Microchip Technology

**STMicroelectronics** 

Infineon Technologies

Intrepid Control Systems

Vector Informatik

Molex

Tata ELXSI

**Technica Engineering** 

Jingwei Hirain Technologies

Product Type Insights

Global markets are presented by Automotive Ethernet Gateway type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the Automotive Ethernet Gateway are procured by the manufacturers.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

Automotive Ethernet Gateway segment by Type

Ethernet Port Only Type

Hybrid Type



Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Automotive Ethernet Gateway market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Automotive Ethernet Gateway market.

Automotive Ethernet Gateway segment by Application

Passenger Car

**Commercial Vehicle** 

**Regional Outlook** 

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

North America

**United States** 

Canada

Europe



#### Germany

France

U.K.

Italy

Russia

#### Asia-Pacific

China

Japan

South Korea

India

#### Australia

#### China Taiwan

Indonesia

#### Thailand

#### Malaysia

Latin America

Mexico

Brazil

Argentina



Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

#### COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Automotive Ethernet Gateway market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

#### Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Automotive Ethernet Gateway market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Automotive Ethernet Gateway and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market



This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Automotive Ethernet Gateway industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Automotive Ethernet Gateway.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

**Core Chapters** 

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, 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 market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Automotive Ethernet Gateway manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Automotive Ethernet Gateway by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Automotive Ethernet Gateway in regional level and country level. It 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 production of each country in the world.



Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by 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 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, 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 11: The main points and conclusions of the report.



# Contents

#### **1 PREFACE**

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
- 1.5.1 Secondary Sources
- 1.5.2 Primary Sources

#### **2 MARKET OVERVIEW**

- 2.1 Product Definition
- 2.2 Automotive Ethernet Gateway by Type
  - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
  - 1.2.2 Ethernet Port Only Type
  - 1.2.3 Hybrid Type
- 2.3 Automotive Ethernet Gateway by Application
- 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
  - 2.3.2 Passenger Car
- 2.3.3 Commercial Vehicle
- 2.4 Global Market Growth Prospects

2.4.1 Global Automotive Ethernet Gateway Production Value Estimates and Forecasts (2018-2029)

2.4.2 Global Automotive Ethernet Gateway Production Capacity Estimates and Forecasts (2018-2029)

2.4.3 Global Automotive Ethernet Gateway Production Estimates and Forecasts (2018-2029)

2.4.4 Global Automotive Ethernet Gateway Market Average Price (2018-2029)

#### **3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS**

3.1 Global Automotive Ethernet Gateway Production by Manufacturers (2018-2023)

3.2 Global Automotive Ethernet Gateway Production Value by Manufacturers (2018-2023)

3.3 Global Automotive Ethernet Gateway Average Price by Manufacturers (2018-2023)



3.4 Global Automotive Ethernet Gateway Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

3.5 Global Automotive Ethernet Gateway Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global Automotive Ethernet Gateway Manufacturers, Product Type & Application

3.7 Global Automotive Ethernet Gateway Manufacturers, Date of Enter into This Industry

3.8 Global Automotive Ethernet Gateway Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

#### 4 MANUFACTURERS PROFILED

4.1 FEV Group

4.1.1 FEV Group Automotive Ethernet Gateway Company Information

4.1.2 FEV Group Automotive Ethernet Gateway Business Overview

4.1.3 FEV Group Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)

4.1.4 FEV Group Product Portfolio

4.1.5 FEV Group Recent Developments

4.2 Continental

4.2.1 Continental Automotive Ethernet Gateway Company Information

4.2.2 Continental Automotive Ethernet Gateway Business Overview

4.2.3 Continental Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)

4.2.4 Continental Product Portfolio

4.2.5 Continental Recent Developments

#### 4.3 NXP Semiconductors

4.3.1 NXP Semiconductors Automotive Ethernet Gateway Company Information

4.3.2 NXP Semiconductors Automotive Ethernet Gateway Business Overview

4.3.3 NXP Semiconductors Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)

4.3.4 NXP Semiconductors Product Portfolio

4.3.5 NXP Semiconductors Recent Developments

4.4 DASAN Network

4.4.1 DASAN Network Automotive Ethernet Gateway Company Information

4.4.2 DASAN Network Automotive Ethernet Gateway Business Overview

4.4.3 DASAN Network Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)

4.4.4 DASAN Network Product Portfolio



4.4.5 DASAN Network Recent Developments

4.5 Bosch

- 4.5.1 Bosch Automotive Ethernet Gateway Company Information
- 4.5.2 Bosch Automotive Ethernet Gateway Business Overview
- 4.5.3 Bosch Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)
- 4.5.4 Bosch Product Portfolio
- 4.5.5 Bosch Recent Developments
- 4.6 Texas Instruments
- 4.6.1 Texas Instruments Automotive Ethernet Gateway Company Information
- 4.6.2 Texas Instruments Automotive Ethernet Gateway Business Overview
- 4.6.3 Texas Instruments Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)
- 4.6.4 Texas Instruments Product Portfolio
- 4.6.5 Texas Instruments Recent Developments
- 4.7 Microchip Technology
  - 4.7.1 Microchip Technology Automotive Ethernet Gateway Company Information
  - 4.7.2 Microchip Technology Automotive Ethernet Gateway Business Overview
- 4.7.3 Microchip Technology Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)
- 4.7.4 Microchip Technology Product Portfolio
- 4.7.5 Microchip Technology Recent Developments
- 4.8 STMicroelectronics
- 4.8.1 STMicroelectronics Automotive Ethernet Gateway Company Information
- 4.8.2 STMicroelectronics Automotive Ethernet Gateway Business Overview
- 4.8.3 STMicroelectronics Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)
- 4.8.4 STMicroelectronics Product Portfolio
- 4.8.5 STMicroelectronics Recent Developments
- 4.9 Infineon Technologies
- 4.9.1 Infineon Technologies Automotive Ethernet Gateway Company Information
- 4.9.2 Infineon Technologies Automotive Ethernet Gateway Business Overview
- 4.9.3 Infineon Technologies Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)
- 4.9.4 Infineon Technologies Product Portfolio
- 4.9.5 Infineon Technologies Recent Developments
- 4.10 Intrepid Control Systems
  - 4.10.1 Intrepid Control Systems Automotive Ethernet Gateway Company Information
  - 4.10.2 Intrepid Control Systems Automotive Ethernet Gateway Business Overview



4.10.3 Intrepid Control Systems Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)

4.10.4 Intrepid Control Systems Product Portfolio

4.10.5 Intrepid Control Systems Recent Developments

7.11 Vector Informatik

7.11.1 Vector Informatik Automotive Ethernet Gateway Company Information

7.11.2 Vector Informatik Automotive Ethernet Gateway Business Overview

4.11.3 Vector Informatik Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)

7.11.4 Vector Informatik Product Portfolio

7.11.5 Vector Informatik Recent Developments

7.12 Molex

7.12.1 Molex Automotive Ethernet Gateway Company Information

7.12.2 Molex Automotive Ethernet Gateway Business Overview

7.12.3 Molex Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)

7.12.4 Molex Product Portfolio

7.12.5 Molex Recent Developments

7.13 Tata ELXSI

7.13.1 Tata ELXSI Automotive Ethernet Gateway Company Information

7.13.2 Tata ELXSI Automotive Ethernet Gateway Business Overview

7.13.3 Tata ELXSI Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)

7.13.4 Tata ELXSI Product Portfolio

7.13.5 Tata ELXSI Recent Developments

7.14 Technica Engineering

7.14.1 Technica Engineering Automotive Ethernet Gateway Company Information

7.14.2 Technica Engineering Automotive Ethernet Gateway Business Overview

7.14.3 Technica Engineering Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)

7.14.4 Technica Engineering Product Portfolio

7.14.5 Technica Engineering Recent Developments

7.15 Jingwei Hirain Technologies

7.15.1 Jingwei Hirain Technologies Automotive Ethernet Gateway Company Information

7.15.2 Jingwei Hirain Technologies Automotive Ethernet Gateway Business Overview

7.15.3 Jingwei Hirain Technologies Automotive Ethernet Gateway Production, Value and Gross Margin (2018-2023)

7.15.4 Jingwei Hirain Technologies Product Portfolio



7.15.5 Jingwei Hirain Technologies Recent Developments

#### **5 GLOBAL AUTOMOTIVE ETHERNET GATEWAY PRODUCTION BY REGION**

5.1 Global Automotive Ethernet Gateway Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.2 Global Automotive Ethernet Gateway Production by Region: 2018-2029

5.2.1 Global Automotive Ethernet Gateway Production by Region: 2018-2023

5.2.2 Global Automotive Ethernet Gateway Production Forecast by Region (2024-2029)

5.3 Global Automotive Ethernet Gateway Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.4 Global Automotive Ethernet Gateway Production Value by Region: 2018-20295.4.1 Global Automotive Ethernet Gateway Production Value by Region: 2018-20235.4.2 Global Automotive Ethernet Gateway Production Value Forecast by Region

(2024-2029)

5.5 Global Automotive Ethernet Gateway Market Price Analysis by Region (2018-2023)5.6 Global Automotive Ethernet Gateway Production and Value, YOY Growth

5.6.1 North America Automotive Ethernet Gateway Production Value Estimates and Forecasts (2018-2029)

5.6.2 Europe Automotive Ethernet Gateway Production Value Estimates and Forecasts (2018-2029)

5.6.3 China Automotive Ethernet Gateway Production Value Estimates and Forecasts (2018-2029)

5.6.4 Japan Automotive Ethernet Gateway Production Value Estimates and Forecasts (2018-2029)

#### 6 GLOBAL AUTOMOTIVE ETHERNET GATEWAY CONSUMPTION BY REGION

6.1 Global Automotive Ethernet Gateway Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

6.2 Global Automotive Ethernet Gateway Consumption by Region (2018-2029)

6.2.1 Global Automotive Ethernet Gateway Consumption by Region: 2018-2029

6.2.2 Global Automotive Ethernet Gateway Forecasted Consumption by Region (2024-2029)

6.3 North America

6.3.1 North America Automotive Ethernet Gateway Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.3.2 North America Automotive Ethernet Gateway Consumption by Country



(2018-2029)

6.3.3 United States

6.3.4 Canada

6.4 Europe

6.4.1 Europe Automotive Ethernet Gateway Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.4.2 Europe Automotive Ethernet Gateway Consumption by Country (2018-2029)

- 6.4.3 Germany
- 6.4.4 France
- 6.4.5 U.K.
- 6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Automotive Ethernet Gateway Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

- 6.5.2 Asia Pacific Automotive Ethernet Gateway Consumption by Country (2018-2029)
- 6.5.3 China
- 6.5.4 Japan
- 6.5.5 South Korea
- 6.5.6 China Taiwan
- 6.5.7 Southeast Asia
- 6.5.8 India
- 6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Automotive Ethernet Gateway Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa Automotive Ethernet Gateway Consumption by Country (2018-2029)

- 6.6.3 Mexico
- 6.6.4 Brazil
- 6.6.5 Turkey
- 6.6.5 GCC Countries

### **7 SEGMENT BY TYPE**

7.1 Global Automotive Ethernet Gateway Production by Type (2018-2029)

7.1.1 Global Automotive Ethernet Gateway Production by Type (2018-2029) & (K Units)

7.1.2 Global Automotive Ethernet Gateway Production Market Share by Type



(2018-2029)

7.2 Global Automotive Ethernet Gateway Production Value by Type (2018-2029)

7.2.1 Global Automotive Ethernet Gateway Production Value by Type (2018-2029) & (US\$ Million)

7.2.2 Global Automotive Ethernet Gateway Production Value Market Share by Type (2018-2029)

7.3 Global Automotive Ethernet Gateway Price by Type (2018-2029)

### 8 SEGMENT BY APPLICATION

8.1 Global Automotive Ethernet Gateway Production by Application (2018-2029)

8.1.1 Global Automotive Ethernet Gateway Production by Application (2018-2029) & (K Units)

8.1.2 Global Automotive Ethernet Gateway Production by Application (2018-2029) & (K Units)

8.2 Global Automotive Ethernet Gateway Production Value by Application (2018-2029)

8.2.1 Global Automotive Ethernet Gateway Production Value by Application (2018-2029) & (US\$ Million)

8.2.2 Global Automotive Ethernet Gateway Production Value Market Share by Application (2018-2029)

8.3 Global Automotive Ethernet Gateway Price by Application (2018-2029)

### 9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

- 9.1 Automotive Ethernet Gateway Value Chain Analysis
  - 9.1.1 Automotive Ethernet Gateway Key Raw Materials
  - 9.1.2 Raw Materials Key Suppliers
- 9.1.3 Automotive Ethernet Gateway Production Mode & Process
- 9.2 Automotive Ethernet Gateway Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 Automotive Ethernet Gateway Distributors
  - 9.2.3 Automotive Ethernet Gateway Customers

## 10 GLOBAL AUTOMOTIVE ETHERNET GATEWAY ANALYZING MARKET DYNAMICS

- 10.1 Automotive Ethernet Gateway Industry Trends
- 10.2 Automotive Ethernet Gateway Industry Drivers
- 10.3 Automotive Ethernet Gateway Industry Opportunities and Challenges



10.4 Automotive Ethernet Gateway Industry Restraints

**11 REPORT CONCLUSION** 

**12 DISCLAIMER** 



# **List Of Tables**

#### LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global Automotive Ethernet Gateway Production by Manufacturers (K Units) & (2018-2023)

Table 6. Global Automotive Ethernet Gateway Production Market Share byManufacturers

Table 7. Global Automotive Ethernet Gateway Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global Automotive Ethernet Gateway Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global Automotive Ethernet Gateway Average Price (USD/Unit) of Key Manufacturers (2018-2023)

Table 10. Global Automotive Ethernet Gateway Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global Automotive Ethernet Gateway Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Automotive Ethernet Gateway by Manufacturers Type (Tier 1, Tier 2,

and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. FEV Group Automotive Ethernet Gateway Company Information

Table 16. FEV Group Business Overview

Table 17. FEV Group Automotive Ethernet Gateway Production (K Units), Value (US\$

Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 18. FEV Group Product Portfolio

Table 19. FEV Group Recent Developments

Table 20. Continental Automotive Ethernet Gateway Company Information

Table 21. Continental Business Overview

Table 22. Continental Automotive Ethernet Gateway Production (K Units), Value (US\$

Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 23. Continental Product Portfolio

Table 24. Continental Recent Developments



Table 25. NXP Semiconductors Automotive Ethernet Gateway Company Information

Table 26. NXP Semiconductors Business Overview

Table 27. NXP Semiconductors Automotive Ethernet Gateway Production (K Units),

Value (US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 28. NXP Semiconductors Product Portfolio

Table 29. NXP Semiconductors Recent Developments

Table 30. DASAN Network Automotive Ethernet Gateway Company Information

- Table 31. DASAN Network Business Overview
- Table 32. DASAN Network Automotive Ethernet Gateway Production (K Units), Value

(US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

- Table 33. DASAN Network Product Portfolio
- Table 34. DASAN Network Recent Developments
- Table 35. Bosch Automotive Ethernet Gateway Company Information
- Table 36. Bosch Business Overview

Table 37. Bosch Automotive Ethernet Gateway Production (K Units), Value (US\$

- Million), Price (USD/Unit) and Gross Margin (2018-2023)
- Table 38. Bosch Product Portfolio
- Table 39. Bosch Recent Developments
- Table 40. Texas Instruments Automotive Ethernet Gateway Company Information
- Table 41. Texas Instruments Business Overview
- Table 42. Texas Instruments Automotive Ethernet Gateway Production (K Units), Value
- (US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)
- Table 43. Texas Instruments Product Portfolio
- Table 44. Texas Instruments Recent Developments
- Table 45. Microchip Technology Automotive Ethernet Gateway Company Information
- Table 46. Microchip Technology Business Overview
- Table 47. Microchip Technology Automotive Ethernet Gateway Production (K Units),
- Value (US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)
- Table 48. Microchip Technology Product Portfolio
- Table 49. Microchip Technology Recent Developments

Table 50. STMicroelectronics Automotive Ethernet Gateway Company Information

- Table 51. STMicroelectronics Business Overview
- Table 52. STMicroelectronics Automotive Ethernet Gateway Production (K Units), Value

(US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

- Table 53. STMicroelectronics Product Portfolio
- Table 54. STMicroelectronics Recent Developments
- Table 55. Infineon Technologies Automotive Ethernet Gateway Company Information
- Table 56. Infineon Technologies Business Overview
- Table 57. Infineon Technologies Automotive Ethernet Gateway Production (K Units),



Value (US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 58. Infineon Technologies Product Portfolio Table 59. Infineon Technologies Recent Developments Table 60. Intrepid Control Systems Automotive Ethernet Gateway Company Information Table 61. Intrepid Control Systems Business Overview Table 62. Intrepid Control Systems Automotive Ethernet Gateway Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 63. Intrepid Control Systems Product Portfolio Table 64. Intrepid Control Systems Recent Developments Table 65. Vector Informatik Automotive Ethernet Gateway Company Information Table 66. Vector Informatik Business Overview Table 67. Vector Informatik Automotive Ethernet Gateway Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 68. Vector Informatik Product Portfolio Table 69. Vector Informatik Recent Developments Table 70. Molex Automotive Ethernet Gateway Company Information Table 71. Molex Business Overview Table 72. Molex Automotive Ethernet Gateway Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 73. Molex Product Portfolio Table 74. Molex Recent Developments Table 75. Tata ELXSI Automotive Ethernet Gateway Company Information Table 76. Tata ELXSI Business Overview Table 77. Tata ELXSI Automotive Ethernet Gateway Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 78. Tata ELXSI Product Portfolio Table 79. Tata ELXSI Recent Developments Table 80. Technica Engineering Automotive Ethernet Gateway Company Information Table 81. Technica Engineering Business Overview Table 82. Technica Engineering Automotive Ethernet Gateway Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 83. Technica Engineering Product Portfolio Table 84. Technica Engineering Recent Developments Table 85. Technica Engineering Automotive Ethernet Gateway Company Information Table 86. Jingwei Hirain Technologies Business Overview Table 87. Jingwei Hirain Technologies Automotive Ethernet Gateway Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 88. Jingwei Hirain Technologies Product Portfolio Table 89. Jingwei Hirain Technologies Recent Developments



Table 90. Global Automotive Ethernet Gateway Production Comparison by Region:2018 VS 2022 VS 2029 (K Units)

Table 91. Global Automotive Ethernet Gateway Production by Region (2018-2023) & (K Units)

Table 92. Global Automotive Ethernet Gateway Production Market Share by Region (2018-2023)

Table 93. Global Automotive Ethernet Gateway Production Forecast by Region (2024-2029) & (K Units)

Table 94. Global Automotive Ethernet Gateway Production Market Share Forecast by Region (2024-2029)

Table 95. Global Automotive Ethernet Gateway Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 96. Global Automotive Ethernet Gateway Production Value by Region (2018-2023) & (US\$ Million)

Table 97. Global Automotive Ethernet Gateway Production Value Market Share by Region (2018-2023)

Table 98. Global Automotive Ethernet Gateway Production Value Forecast by Region (2024-2029) & (US\$ Million)

Table 99. Global Automotive Ethernet Gateway Production Value Market Share Forecast by Region (2024-2029)

Table 100. Global Automotive Ethernet Gateway Market Average Price (USD/Unit) by Region (2018-2023)

Table 101. Global Automotive Ethernet Gateway Consumption Comparison by Region:2018 VS 2022 VS 2029 (K Units)

Table 102. Global Automotive Ethernet Gateway Consumption by Region (2018-2023) & (K Units)

Table 103. Global Automotive Ethernet Gateway Consumption Market Share by Region (2018-2023)

Table 104. Global Automotive Ethernet Gateway Forecasted Consumption by Region (2024-2029) & (K Units)

Table 105. Global Automotive Ethernet Gateway Forecasted Consumption Market Share by Region (2024-2029)

Table 106. North America Automotive Ethernet Gateway Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 107. North America Automotive Ethernet Gateway Consumption by Country (2018-2023) & (K Units)

Table 108. North America Automotive Ethernet Gateway Consumption by Country (2024-2029) & (K Units)

Table 109. Europe Automotive Ethernet Gateway Consumption Growth Rate by



Country: 2018 VS 2022 VS 2029 (K Units)

Table 110. Europe Automotive Ethernet Gateway Consumption by Country (2018-2023) & (K Units)

Table 111. Europe Automotive Ethernet Gateway Consumption by Country (2024-2029) & (K Units)

Table 112. Asia Pacific Automotive Ethernet Gateway Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 113. Asia Pacific Automotive Ethernet Gateway Consumption by Country (2018-2023) & (K Units)

Table 114. Asia Pacific Automotive Ethernet Gateway Consumption by Country (2024-2029) & (K Units)

Table 115. Latin America, Middle East & Africa Automotive Ethernet GatewayConsumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 116. Latin America, Middle East & Africa Automotive Ethernet Gateway Consumption by Country (2018-2023) & (K Units)

Table 117. Latin America, Middle East & Africa Automotive Ethernet Gateway Consumption by Country (2024-2029) & (K Units)

Table 118. Global Automotive Ethernet Gateway Production by Type (2018-2023) & (K Units)

Table 119. Global Automotive Ethernet Gateway Production by Type (2024-2029) & (K Units)

Table 120. Global Automotive Ethernet Gateway Production Market Share by Type (2018-2023)

Table 121. Global Automotive Ethernet Gateway Production Market Share by Type (2024-2029)

Table 122. Global Automotive Ethernet Gateway Production Value by Type (2018-2023) & (US\$ Million)

Table 123. Global Automotive Ethernet Gateway Production Value by Type (2024-2029) & (US\$ Million)

Table 124. Global Automotive Ethernet Gateway Production Value Market Share by Type (2018-2023)

Table 125. Global Automotive Ethernet Gateway Production Value Market Share by Type (2024-2029)

Table 126. Global Automotive Ethernet Gateway Price by Type (2018-2023) & (USD/Unit)

Table 127. Global Automotive Ethernet Gateway Price by Type (2024-2029) & (USD/Unit)

Table 128. Global Automotive Ethernet Gateway Production by Application (2018-2023) & (K Units)



Table 129. Global Automotive Ethernet Gateway Production by Application (2024-2029) & (K Units)

Table 130. Global Automotive Ethernet Gateway Production Market Share by Application (2018-2023)

Table 131. Global Automotive Ethernet Gateway Production Market Share by Application (2024-2029)

Table 132. Global Automotive Ethernet Gateway Production Value by Application (2018-2023) & (US\$ Million)

Table 133. Global Automotive Ethernet Gateway Production Value by Application (2024-2029) & (US\$ Million)

Table 134. Global Automotive Ethernet Gateway Production Value Market Share by Application (2018-2023)

Table 135. Global Automotive Ethernet Gateway Production Value Market Share by Application (2024-2029)

Table 136. Global Automotive Ethernet Gateway Price by Application (2018-2023) & (USD/Unit)

Table 137. Global Automotive Ethernet Gateway Price by Application (2024-2029) & (USD/Unit)

Table 138. Key Raw Materials

Table 139. Raw Materials Key Suppliers

Table 140. Automotive Ethernet Gateway Distributors List

 Table 141. Automotive Ethernet Gateway Customers List

Table 142. Automotive Ethernet Gateway Industry Trends

Table 143. Automotive Ethernet Gateway Industry Drivers

Table 144. Automotive Ethernet Gateway Industry Restraints

Table 145. Authors List of This Report



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Research Methodology
- Figure 2. Research Process
- Figure 3. Key Executives Interviewed
- Figure 4. Automotive Ethernet GatewayProduct Picture
- Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
- Figure 6. Ethernet Port Only Type Product Picture
- Figure 7. Hybrid Type Product Picture
- Figure 8. Passenger Car Product Picture
- Figure 9. Commercial Vehicle Product Picture
- Figure 10. Global Automotive Ethernet Gateway Production Value (US\$ Million), 2018 VS 2022 VS 2029
- Figure 11. Global Automotive Ethernet Gateway Production Value (2018-2029) & (US\$ Million)
- Figure 12. Global Automotive Ethernet Gateway Production Capacity (2018-2029) & (K Units)
- Figure 13. Global Automotive Ethernet Gateway Production (2018-2029) & (K Units)
- Figure 14. Global Automotive Ethernet Gateway Average Price (USD/Unit) & (2018-2029)
- Figure 15. Global Automotive Ethernet Gateway Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 16. Global Automotive Ethernet Gateway Manufacturers, Date of Enter into This Industry
- Figure 17. Global Top 5 and 10 Automotive Ethernet Gateway Players Market Share by Production Valu in 2022
- Figure 18. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022
- Figure 19. Global Automotive Ethernet Gateway Production Comparison by Region: 2018 VS 2022 VS 2029 (K Units)
- Figure 20. Global Automotive Ethernet Gateway Production Market Share by Region: 2018 VS 2022 VS 2029
- Figure 21. Global Automotive Ethernet Gateway Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Figure 22. Global Automotive Ethernet Gateway Production Value Market Share by Region: 2018 VS 2022 VS 2029
- Figure 23. North America Automotive Ethernet Gateway Production Value (US\$ Million) Growth Rate (2018-2029)



Figure 24. Europe Automotive Ethernet Gateway Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 25. China Automotive Ethernet Gateway Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 26. Japan Automotive Ethernet Gateway Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. Global Automotive Ethernet Gateway Consumption Comparison by Region: 2018 VS 2022 VS 2029 (K Units)

Figure 28. Global Automotive Ethernet Gateway Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 29. North America Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 30. North America Automotive Ethernet Gateway Consumption Market Share by Country (2018-2029)

Figure 31. United States Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 32. Canada Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 33. Europe Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 34. Europe Automotive Ethernet Gateway Consumption Market Share by Country (2018-2029)

Figure 35. Germany Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 36. France Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 37. U.K. Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 38. Italy Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 39. Netherlands Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 40. Asia Pacific Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 41. Asia Pacific Automotive Ethernet Gateway Consumption Market Share by Country (2018-2029)

Figure 42. China Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 43. Japan Automotive Ethernet Gateway Consumption and Growth Rate



(2018-2029) & (K Units)

Figure 44. South Korea Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 45. China Taiwan Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 46. Southeast Asia Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 47. India Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 48. Australia Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 49. Latin America, Middle East & Africa Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 50. Latin America, Middle East & Africa Automotive Ethernet Gateway Consumption Market Share by Country (2018-2029)

Figure 51. Mexico Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 52. Brazil Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 53. Turkey Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 54. GCC Countries Automotive Ethernet Gateway Consumption and Growth Rate (2018-2029) & (K Units)

Figure 55. Global Automotive Ethernet Gateway Production Market Share by Type (2018-2029)

Figure 56. Global Automotive Ethernet Gateway Production Value Market Share by Type (2018-2029)

Figure 57. Global Automotive Ethernet Gateway Price (USD/Unit) by Type (2018-2029) Figure 58. Global Automotive Ethernet Gateway Production Market Share by

Application (2018-2029)

Figure 59. Global Automotive Ethernet Gateway Production Value Market Share by Application (2018-2029)

Figure 60. Global Automotive Ethernet Gateway Price (USD/Unit) by Application (2018-2029)

Figure 61. Automotive Ethernet Gateway Value Chain

Figure 62. Automotive Ethernet Gateway Production Mode & Process

Figure 63. Direct Comparison with Distribution Share

Figure 64. Distributors Profiles

Figure 65. Automotive Ethernet Gateway Industry Opportunities and Challenges



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