



Global Automotive Special Purpose Logic ICs Industry Growth and Trends Forecast to 2032

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Description

The global Automotive Special Purpose Logic ICs market was valued at US\$ million in 2026 and is projected to reach US\$ million by 2032, implying a CAGR of xx% over 2026-2032.

The North America market for Automotive Special Purpose Logic ICs is projected to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026-2032.

The Europe market for Automotive Special Purpose Logic ICs is projected to increase from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026-2032.

The Asia Pacific market for Automotive Special Purpose Logic ICs is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

Leading global manufacturers of Automotive Special Purpose Logic ICs include STMicroelectronics, NXP Semiconductors, Infineon Technologies, Renesas Electronics, Broadcom, Qualcomm, Analog Devices, Cypress and ROHM, among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report provides a structured, data-driven view of the global Automotive Special Purpose Logic ICs market, combining harmonized quantitative metrics with targeted qualitative insight to support business and growth strategy, market positioning, and capital allocation.

The Automotive Special Purpose Logic ICs market size, estimates, and forecasts are presented in terms of sales volume (k units) and revenue (US\$ million), with 2025 as the base year and historical and forecast data for 2021-2032. The report segments the global Automotive Special Purpose Logic ICs market by Type, Application, region/country, and company, provides regional market sizes at the segment level, profiles the competitive landscape and key players and their market ranks, and reviews technology trends and new product developments relevant to Automotive Special Purpose Logic ICs.

Key Companies & Market Share Insights

This section analyzes the strategies and performance of leading manufacturers in the global Automotive Special Purpose Logic ICs market, including portfolio focus, innovation and product development, mergers and acquisitions, collaborations, and geographic expansion used to sustain or enhance competitive positions. It also summarizes recent corporate developments and key financial indicators and provides global revenue, price, and sales volume data by manufacturer for 2020-2025, enabling benchmarking of scale, pricing, and market share and supporting assessment of market concentration through indicators such as CR5 and CR10.

Automotive Special Purpose Logic ICs Market by Company

STMicroelectronics

NXP Semiconductors

Infineon Technologies

Renesas Electronics

Broadcom

Qualcomm

Analog Devices

Cypress

ROHM

Texas Instruments

Onsemi

Intel Corporation

Automotive Special Purpose Logic ICs Segment by Type

Application Specific Standard Products (ASSP)

Customer Specific Integrated Circuits (CSIC)

Automotive Special Purpose Logic ICs Segment by Application

Passenger Vehicles

Commercial Vehicles

Automotive Special Purpose Logic ICs Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile

Middle East & Africa

Egypt
South Africa
Israel
Türkiye
GCC Countries

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.

Reasons to Buy This Report

1. 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 Special Purpose Logic ICs 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.
2. This report will help stakeholders to understand the global industry status and trends of Automotive Special Purpose Logic ICs and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. 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.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Automotive Special Purpose Logic ICs.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 2:

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 3:

Detailed analysis of Automotive Special Purpose Logic ICs manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Sales, revenue of Automotive Special Purpose Logic ICs in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5:

Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 6:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, South America, Middle East & Africa, sales and revenue by country.

Chapter 12:

Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13:

Concluding Insights of the report.

Table of Contents

1 Market Overview

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Automotive Special Purpose Logic ICs Market Size Estimates and Forecasts (2021-2032)
 - 1.2.2 Global Automotive Special Purpose Logic ICs Sales Estimates and Forecasts (2021-2032)
- 1.3 Automotive Special Purpose Logic ICs Market by Type
 - 1.3.1 Application Specific Standard Products (ASSP)
 - 1.3.2 Customer Specific Integrated Circuits (CSIC)
- 1.4 Global Automotive Special Purpose Logic ICs Market Size by Type
 - 1.4.1 Global Automotive Special Purpose Logic ICs Market Size Overview by Type (2021-2032)
 - 1.4.2 Global Automotive Special Purpose Logic ICs Historic Market Size Review by Type (2021-2026)
 - 1.4.3 Global Automotive Special Purpose Logic ICs Forecasted Market Size by Type (2027-2032)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America Automotive Special Purpose Logic ICs Sales Breakdown by Type (2021-2026)
 - 1.5.2 Europe Automotive Special Purpose Logic ICs Sales Breakdown by Type (2021-2026)
 - 1.5.3 Asia-Pacific Automotive Special Purpose Logic ICs Sales Breakdown by Type (2021-2026)
 - 1.5.4 South America Automotive Special Purpose Logic ICs Sales Breakdown by Type (2021-2026)
 - 1.5.5 Middle East and Africa Automotive Special Purpose Logic ICs Sales Breakdown by Type (2021-2026)

2 Global Market Dynamics

- 2.1 Automotive Special Purpose Logic ICs Industry Trends
- 2.2 Automotive Special Purpose Logic ICs Industry Drivers
- 2.3 Automotive Special Purpose Logic ICs Industry Opportunities and Challenges
- 2.4 Automotive Special Purpose Logic ICs Industry Restraints

3 Market Competitive Landscape by Company

- 3.1 Global Top Players by Automotive Special Purpose Logic ICs Revenue (2021-2026)
- 3.2 Global Top Players by Automotive Special Purpose Logic ICs Sales (2021-2026)
- 3.3 Global Top Players by Automotive Special Purpose Logic ICs Price (2021-2026)
- 3.4 Global Automotive Special Purpose Logic ICs Industry Company Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Automotive Special Purpose Logic ICs Major Company Production Sites & Headquarters
- 3.6 Global Automotive Special Purpose Logic ICs Company, Product Type & Application
- 3.7 Global Automotive Special Purpose Logic ICs Company Establishment Date
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Automotive Special Purpose Logic ICs Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Automotive Special Purpose Logic ICs Players Market Share by Revenue in 2025
 - 3.8.3 2025 Automotive Special Purpose Logic ICs Tier 1, Tier 2, and Tier 3

4 Automotive Special Purpose Logic ICs Regional Status and Outlook

- 4.1 Global Automotive Special Purpose Logic ICs Market Size and CAGR by Region: 2021 VS 2025 VS 2032
- 4.2 Global Automotive Special Purpose Logic ICs Historic Market Size by Region
 - 4.2.1 Global Automotive Special Purpose Logic ICs Sales in Volume by Region (2021-2026)
 - 4.2.2 Global Automotive Special Purpose Logic ICs Sales in Value by Region (2021-2026)
 - 4.2.3 Global Automotive Special Purpose Logic ICs Sales (Volume & Value), Price and Gross Margin (2021-2026)
- 4.3 Global Automotive Special Purpose Logic ICs Forecasted Market Size by Region

- 4.3.1 Global Automotive Special Purpose Logic ICs Sales in Volume by Region (2027-2032)
- 4.3.2 Global Automotive Special Purpose Logic ICs Sales in Value by Region (2027-2032)
- 4.3.3 Global Automotive Special Purpose Logic ICs Sales (Volume & Value), Price and Gross Margin (2027-2032)

5 Automotive Special Purpose Logic ICs by Application

- 5.1 Automotive Special Purpose Logic ICs Market by Application
 - 5.1.1 Passenger Vehicles
 - 5.1.2 Commercial Vehicles
- 5.2 Global Automotive Special Purpose Logic ICs Market Size by Application
 - 5.2.1 Global Automotive Special Purpose Logic ICs Market Size Overview by Application (2021-2032)
 - 5.2.2 Global Automotive Special Purpose Logic ICs Historic Market Size Review by Application (2021-2026)
 - 5.2.3 Global Automotive Special Purpose Logic ICs Forecasted Market Size by Application (2027-2032)
- 5.3 Key Regions Market Size by Application
 - 5.3.1 North America Automotive Special Purpose Logic ICs Sales Breakdown by Application (2021-2026)
 - 5.3.2 Europe Automotive Special Purpose Logic ICs Sales Breakdown by Application (2021-2026)
 - 5.3.3 Asia-Pacific Automotive Special Purpose Logic ICs Sales Breakdown by Application (2021-2026)
 - 5.3.4 South America Automotive Special Purpose Logic ICs Sales Breakdown by Application (2021-2026)
 - 5.3.5 Middle East and Africa Automotive Special Purpose Logic ICs Sales Breakdown by Application (2021-2026)

6 Company Profiles

- 6.1 STMicroelectronics
 - 6.1.1 STMicroelectronics Company Information
 - 6.1.2 STMicroelectronics Business Overview
 - 6.1.3 STMicroelectronics Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)
 - 6.1.4 STMicroelectronics Automotive Special Purpose Logic ICs Product Portfolio
 - 6.1.5 STMicroelectronics Recent Developments
- 6.2 NXP Semiconductors
 - 6.2.1 NXP Semiconductors Company Information
 - 6.2.2 NXP Semiconductors Business Overview
 - 6.2.3 NXP Semiconductors Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)
 - 6.2.4 NXP Semiconductors Automotive Special Purpose Logic ICs Product Portfolio
 - 6.2.5 NXP Semiconductors Recent Developments
- 6.3 Infineon Technologies
 - 6.3.1 Infineon Technologies Company Information
 - 6.3.2 Infineon Technologies Business Overview
 - 6.3.3 Infineon Technologies Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)
 - 6.3.4 Infineon Technologies Automotive Special Purpose Logic ICs Product Portfolio
 - 6.3.5 Infineon Technologies Recent Developments
- 6.4 Renesas Electronics
 - 6.4.1 Renesas Electronics Company Information
 - 6.4.2 Renesas Electronics Business Overview
 - 6.4.3 Renesas Electronics Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)
 - 6.4.4 Renesas Electronics Automotive Special Purpose Logic ICs Product Portfolio
 - 6.4.5 Renesas Electronics Recent Developments
- 6.5 Broadcom
 - 6.5.1 Broadcom Company Information
 - 6.5.2 Broadcom Business Overview
 - 6.5.3 Broadcom Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)
 - 6.5.4 Broadcom Automotive Special Purpose Logic ICs Product Portfolio

6.5.5 Broadcom Recent Developments

6.6 Qualcomm

6.6.1 Qualcomm Company Information

6.6.2 Qualcomm Business Overview

6.6.3 Qualcomm Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)

6.6.4 Qualcomm Automotive Special Purpose Logic ICs Product Portfolio

6.6.5 Qualcomm Recent Developments

6.7 Analog Devices

6.7.1 Analog Devices Company Information

6.7.2 Analog Devices Business Overview

6.7.3 Analog Devices Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)

6.7.4 Analog Devices Automotive Special Purpose Logic ICs Product Portfolio

6.7.5 Analog Devices Recent Developments

6.8 Cypress

6.8.1 Cypress Company Information

6.8.2 Cypress Business Overview

6.8.3 Cypress Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)

6.8.4 Cypress Automotive Special Purpose Logic ICs Product Portfolio

6.8.5 Cypress Recent Developments

6.9 ROHM

6.9.1 ROHM Company Information

6.9.2 ROHM Business Overview

6.9.3 ROHM Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)

6.9.4 ROHM Automotive Special Purpose Logic ICs Product Portfolio

6.9.5 ROHM Recent Developments

6.10 Texas Instruments

6.10.1 Texas Instruments Company Information

6.10.2 Texas Instruments Business Overview

6.10.3 Texas Instruments Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)

6.10.4 Texas Instruments Automotive Special Purpose Logic ICs Product Portfolio

6.10.5 Texas Instruments Recent Developments

6.11 Onsemi

6.11.1 Onsemi Company Information

6.11.2 Onsemi Business Overview

6.11.3 Onsemi Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)

6.11.4 Onsemi Automotive Special Purpose Logic ICs Product Portfolio

6.11.5 Onsemi Recent Developments

6.12 Intel Corporation

6.12.1 Intel Corporation Company Information

6.12.2 Intel Corporation Business Overview

6.12.3 Intel Corporation Automotive Special Purpose Logic ICs Sales, Revenue and Gross Margin (2021-2026)

6.12.4 Intel Corporation Automotive Special Purpose Logic ICs Product Portfolio

6.12.5 Intel Corporation Recent Developments

7 North America by Country

7.1 North America Automotive Special Purpose Logic ICs Sales by Country

7.1.1 North America Automotive Special Purpose Logic ICs Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

7.1.2 North America Automotive Special Purpose Logic ICs Sales by Country (2021-2026)

7.1.3 North America Automotive Special Purpose Logic ICs Sales Forecast by Country (2027-2032)

7.2 North America Automotive Special Purpose Logic ICs Market Size by Country

- 7.2.1 North America Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
- 7.2.2 North America Automotive Special Purpose Logic ICs Market Size by Country (2021-2026)
- 7.2.3 North America Automotive Special Purpose Logic ICs Market Size Forecast by Country (2027-2032)

8 Europe by Country

- 8.1 Europe Automotive Special Purpose Logic ICs Sales by Country
 - 8.1.1 Europe Automotive Special Purpose Logic ICs Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 8.1.2 Europe Automotive Special Purpose Logic ICs Sales by Country (2021-2026)
 - 8.1.3 Europe Automotive Special Purpose Logic ICs Sales Forecast by Country (2027-2032)
- 8.2 Europe Automotive Special Purpose Logic ICs Market Size by Country
 - 8.2.1 Europe Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 8.2.2 Europe Automotive Special Purpose Logic ICs Market Size by Country (2021-2026)
 - 8.2.3 Europe Automotive Special Purpose Logic ICs Market Size Forecast by Country (2027-2032)

9 Asia-Pacific by Country

- 9.1 Asia-Pacific Automotive Special Purpose Logic ICs Sales by Country
 - 9.1.1 Asia-Pacific Automotive Special Purpose Logic ICs Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 9.1.2 Asia-Pacific Automotive Special Purpose Logic ICs Sales by Country (2021-2026)
 - 9.1.3 Asia-Pacific Automotive Special Purpose Logic ICs Sales Forecast by Country (2027-2032)
- 9.2 Asia-Pacific Automotive Special Purpose Logic ICs Market Size by Country
 - 9.2.1 Asia-Pacific Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 9.2.2 Asia-Pacific Automotive Special Purpose Logic ICs Market Size by Country (2021-2026)
 - 9.2.3 Asia-Pacific Automotive Special Purpose Logic ICs Market Size Forecast by Country (2027-2032)

10 South America by Country

- 10.1 South America Automotive Special Purpose Logic ICs Sales by Country
 - 10.1.1 South America Automotive Special Purpose Logic ICs Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 10.1.2 South America Automotive Special Purpose Logic ICs Sales by Country (2021-2026)
 - 10.1.3 South America Automotive Special Purpose Logic ICs Sales Forecast by Country (2027-2032)
- 10.2 South America Automotive Special Purpose Logic ICs Market Size by Country
 - 10.2.1 South America Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 10.2.2 South America Automotive Special Purpose Logic ICs Market Size by Country (2021-2026)
 - 10.2.3 South America Automotive Special Purpose Logic ICs Market Size Forecast by Country (2027-2032)

11 Middle East and Africa by Country

- 11.1 Middle East and Africa Automotive Special Purpose Logic ICs Sales by Country
 - 11.1.1 Middle East and Africa Automotive Special Purpose Logic ICs Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 11.1.2 Middle East and Africa Automotive Special Purpose Logic ICs Sales by Country (2021-2026)
 - 11.1.3 Middle East and Africa Automotive Special Purpose Logic ICs Sales Forecast by Country (2027-2032)
- 11.2 Middle East and Africa Automotive Special Purpose Logic ICs Market Size by Country
 - 11.2.1 Middle East and Africa Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 11.2.2 Middle East and Africa Automotive Special Purpose Logic ICs Market Size by Country (2021-2026)
 - 11.2.3 Middle East and Africa Automotive Special Purpose Logic ICs Market Size Forecast by Country (2027-2032)

12 Value Chain and Sales Channels Analysis

12.1 Automotive Special Purpose Logic ICs Value Chain Analysis

12.1.1 Automotive Special Purpose Logic ICs Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 Automotive Special Purpose Logic ICs Production Mode & Process

12.2 Automotive Special Purpose Logic ICs Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 Automotive Special Purpose Logic ICs Distributors

12.2.3 Automotive Special Purpose Logic ICs Customers

13 Concluding Insights

14 Appendix

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Major Company of Application Specific Standard Products (ASSP)
- Table 2: Major Company of Customer Specific Integrated Circuits (CSIC)
- Table 3: Global Automotive Special Purpose Logic ICs Sales by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Global Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (k units)
- Table 5: Global Automotive Special Purpose Logic ICs Sales Market Share in Volume by Type (2021-2026)
- Table 6: Global Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (US\$ Million)
- Table 7: Global Automotive Special Purpose Logic ICs Sales Market Share in Value by Type (2021-2026)
- Table 8: Global Automotive Special Purpose Logic ICs Price by Type (2021-2026) & (USD/unit)
- Table 9: Global Automotive Special Purpose Logic ICs Sales by Type (2027-2032) & (k units)
- Table 10: Global Automotive Special Purpose Logic ICs Sales Market Share in Volume by Type (2027-2032)
- Table 11: Global Automotive Special Purpose Logic ICs Sales by Type (2027-2032) & (US\$ Million)
- Table 12: Global Automotive Special Purpose Logic ICs Sales Market Share in Value by Type (2027-2032)
- Table 13: Global Automotive Special Purpose Logic ICs Price by Type (2027-2032) & (USD/unit)
- Table 14: North America Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (k units)
- Table 15: North America Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (US\$ Million)
- Table 16: Europe Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (k units)
- Table 17: Europe Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (US\$ Million)
- Table 18: Asia-Pacific Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (k units)
- Table 19: Asia-Pacific Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (US\$ Million)
- Table 20: Latin America Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (k units)
- Table 21: Latin America Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (US\$ Million)
- Table 22: Middle East and Africa Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (k units)
- Table 23: Middle East and Africa Automotive Special Purpose Logic ICs Sales by Type (2021-2026) & (US\$ Million)
- Table 24: Automotive Special Purpose Logic ICs Industry Trends
- Table 25: Automotive Special Purpose Logic ICs Industry Drivers
- Table 26: Automotive Special Purpose Logic ICs Industry Opportunities and Challenges
- Table 27: Automotive Special Purpose Logic ICs Industry Restraints
- Table 28: Global Automotive Special Purpose Logic ICs Sales Revenue by Company (US\$ Million) & (2021-2026)
- Table 29: Global Automotive Special Purpose Logic ICs Revenue Market Share by Company (2021-2026)
- Table 30: Global Automotive Special Purpose Logic ICs Sales by Company (2021-2026) & (k units)
- Table 31: Global Automotive Special Purpose Logic ICs Sales Share by Company (2021-2026)
- Table 32: Global Automotive Special Purpose Logic ICs Market Price by Company (2021-2026) & (USD/unit)
- Table 33: Global Automotive Special Purpose Logic ICs Industry Company Ranking, 2024 VS 2025 VS 2026
- Table 34: Global Automotive Special Purpose Logic ICs Major Company Production Sites and Headquarters
- Table 35: Global Automotive Special Purpose Logic ICs Company, Product Type & Application
- Table 36: Global Automotive Special Purpose Logic ICs Company Establishment Date
- Table 37: Global Company Market Concentration Ratio (CR5 and HHI)
- Table 38: Global Automotive Special Purpose Logic ICs by Company Type (Tier 1, Tier 2, and Tier 3) & (Based on the Revenue of 2025)
- Table 39: Global Automotive Special Purpose Logic ICs Market Size Comparison by Region (US\$ Million): 2021 VS 2025 VS 2032
- Table 40: Global Automotive Special Purpose Logic ICs Sales by Region (2021-2026) & (k units)
- Table 41: Global Automotive Special Purpose Logic ICs Sales Market Share in Volume by Region (2021-2026)
- Table 42: Global Automotive Special Purpose Logic ICs Sales by Region (2021-2026) & (US\$ Million)
- Table 43: Global Automotive Special Purpose Logic ICs Sales Market Share in Value by Region (2021-2026)
- Table 44: Global Automotive Special Purpose Logic ICs Sales (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Global Automotive Special Purpose Logic ICs Sales by Region (2027-2032) & (k units)
- Table 46: Global Automotive Special Purpose Logic ICs Sales Market Share in Volume by Region (2027-2032)
- Table 47: Global Automotive Special Purpose Logic ICs Sales by Region (2027-2032) & (US\$ Million)
- Table 48: Global Automotive Special Purpose Logic ICs Sales Market Share in Value by Region (2027-2032)
- Table 49: Global Automotive Special Purpose Logic ICs Sales (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2027-2032)
- Table 50: Global Automotive Special Purpose Logic ICs Sales by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 51: Global Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (k units)

- Table 52: Global Automotive Special Purpose Logic ICs Sales Market Share in Volume by Application (2021-2026)
- Table 53: Global Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (US\$ Million)
- Table 54: Global Automotive Special Purpose Logic ICs Sales Market Share in Value by Application (2021-2026)
- Table 55: Global Automotive Special Purpose Logic ICs Price by Application (2021-2026) & (USD/unit)
- Table 56: Global Automotive Special Purpose Logic ICs Sales by Application (2027-2032) & (k units)
- Table 57: Global Automotive Special Purpose Logic ICs Sales Market Share in Volume by Application (2027-2032)
- Table 58: Global Automotive Special Purpose Logic ICs Sales by Application (2027-2032) & (US\$ Million)
- Table 59: Global Automotive Special Purpose Logic ICs Sales Market Share in Value by Application (2027-2032)
- Table 60: Global Automotive Special Purpose Logic ICs Price by Application (2027-2032) & (USD/unit)
- Table 61: North America Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (k units)
- Table 62: North America Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (US\$ Million)
- Table 63: Europe Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (k units)
- Table 64: Europe Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (US\$ Million)
- Table 65: Asia-Pacific Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (k units)
- Table 66: Asia-Pacific Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (US\$ Million)
- Table 67: Latin America Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (k units)
- Table 68: Latin America Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (US\$ Million)
- Table 69: Middle East and Africa Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (k units)
- Table 70: Middle East and Africa Automotive Special Purpose Logic ICs Sales by Application (2021-2026) & (US\$ Million)
- Table 71: STMicroelectronics Company Information
- Table 72: STMicroelectronics Business Overview
- Table 73: STMicroelectronics Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 74: STMicroelectronics Automotive Special Purpose Logic ICs Product Portfolio
- Table 75: STMicroelectronics Recent Development
- Table 76: NXP Semiconductors Company Information
- Table 77: NXP Semiconductors Business Overview
- Table 78: NXP Semiconductors Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 79: NXP Semiconductors Automotive Special Purpose Logic ICs Product Portfolio
- Table 80: NXP Semiconductors Recent Development
- Table 81: Infineon Technologies Company Information
- Table 82: Infineon Technologies Business Overview
- Table 83: Infineon Technologies Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 84: Infineon Technologies Automotive Special Purpose Logic ICs Product Portfolio
- Table 85: Infineon Technologies Recent Development
- Table 86: Renesas Electronics Company Information
- Table 87: Renesas Electronics Business Overview
- Table 88: Renesas Electronics Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 89: Renesas Electronics Automotive Special Purpose Logic ICs Product Portfolio
- Table 90: Renesas Electronics Recent Development
- Table 91: Broadcom Company Information
- Table 92: Broadcom Business Overview
- Table 93: Broadcom Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 94: Broadcom Automotive Special Purpose Logic ICs Product Portfolio
- Table 95: Broadcom Recent Development
- Table 96: Qualcomm Company Information
- Table 97: Qualcomm Business Overview
- Table 98: Qualcomm Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 99: Qualcomm Automotive Special Purpose Logic ICs Product Portfolio
- Table 100: Qualcomm Recent Development
- Table 101: Analog Devices Company Information
- Table 102: Analog Devices Business Overview
- Table 103: Analog Devices Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 104: Analog Devices Automotive Special Purpose Logic ICs Product Portfolio
- Table 105: Analog Devices Recent Development
- Table 106: Cypress Company Information
- Table 107: Cypress Business Overview
- Table 108: Cypress Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)

- Table 109: Cypress Automotive Special Purpose Logic ICs Product Portfolio
- Table 110: Cypress Recent Development
- Table 111: ROHM Company Information
- Table 112: ROHM Business Overview
- Table 113: ROHM Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 114: ROHM Automotive Special Purpose Logic ICs Product Portfolio
- Table 115: ROHM Recent Development
- Table 116: Texas Instruments Company Information
- Table 117: Texas Instruments Business Overview
- Table 118: Texas Instruments Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 119: Texas Instruments Automotive Special Purpose Logic ICs Product Portfolio
- Table 120: Texas Instruments Recent Development
- Table 121: Onsemi Company Information
- Table 122: Onsemi Business Overview
- Table 123: Onsemi Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 124: Onsemi Automotive Special Purpose Logic ICs Product Portfolio
- Table 125: Onsemi Recent Development
- Table 126: Intel Corporation Company Information
- Table 127: Intel Corporation Business Overview
- Table 128: Intel Corporation Automotive Special Purpose Logic ICs Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 129: Intel Corporation Automotive Special Purpose Logic ICs Product Portfolio
- Table 130: Intel Corporation Recent Development
- Table 131: North America Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country (k units): 2021 VS 2025 VS 2032
- Table 132: North America Automotive Special Purpose Logic ICs Sales by Country (2021-2026) & (k units)
- Table 133: North America Automotive Special Purpose Logic ICs Sales Market Share by Country (2021-2026)
- Table 134: North America Automotive Special Purpose Logic ICs Sales Forecast by Country (2027-2032) & (k units)
- Table 135: North America Automotive Special Purpose Logic ICs Sales Market Share Forecast by Country (2027-2032)
- Table 136: North America Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 137: North America Automotive Special Purpose Logic ICs Market Size by Country (2021-2026) & (US\$ Million)
- Table 138: North America Automotive Special Purpose Logic ICs Market Share by Country (2021-2026)
- Table 139: North America Automotive Special Purpose Logic ICs Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 140: North America Automotive Special Purpose Logic ICs Market Share Forecast by Country (2027-2032)
- Table 141: Europe Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country (k units): 2021 VS 2025 VS 2032
- Table 142: Europe Automotive Special Purpose Logic ICs Sales by Country (2021-2026) & (k units)
- Table 143: Europe Automotive Special Purpose Logic ICs Sales Market Share by Country (2021-2026)
- Table 144: Europe Automotive Special Purpose Logic ICs Sales Forecast by Country (2027-2032) & (k units)
- Table 145: Europe Automotive Special Purpose Logic ICs Sales Market Share Forecast by Country (2027-2032)
- Table 146: Europe Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 147: Europe Automotive Special Purpose Logic ICs Market Size by Country (2021-2026) & (US\$ Million)
- Table 148: Europe Automotive Special Purpose Logic ICs Market Share by Country (2021-2026)
- Table 149: Europe Automotive Special Purpose Logic ICs Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 150: Europe Automotive Special Purpose Logic ICs Market Share Forecast by Country (2027-2032)
- Table 151: Asia-Pacific Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country (k units): 2021 VS 2025 VS 2032
- Table 152: Asia-Pacific Automotive Special Purpose Logic ICs Sales by Country (2021-2026) & (k units)
- Table 153: Asia-Pacific Automotive Special Purpose Logic ICs Sales Market Share by Country (2021-2026)
- Table 154: Asia-Pacific Automotive Special Purpose Logic ICs Sales Forecast by Country (2027-2032) & (k units)
- Table 155: Asia-Pacific Automotive Special Purpose Logic ICs Sales Market Share Forecast by Country (2027-2032)
- Table 156: Asia-Pacific Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 157: Asia-Pacific Automotive Special Purpose Logic ICs Market Size by Country (2021-2026) & (US\$ Million)
- Table 158: Asia-Pacific Automotive Special Purpose Logic ICs Market Share by Country (2021-2026)
- Table 159: Asia-Pacific Automotive Special Purpose Logic ICs Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 160: Asia-Pacific Automotive Special Purpose Logic ICs Market Share Forecast by Country (2027-2032)
- Table 161: Latin America Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country (k units): 2021 VS 2025 VS 2032

- Table 162: Latin America Automotive Special Purpose Logic ICs Sales by Country (2021-2026) & (k units)
- Table 163: Latin America Automotive Special Purpose Logic ICs Sales Market Share by Country (2021-2026)
- Table 164: Latin America Automotive Special Purpose Logic ICs Sales Forecast by Country (2027-2032) & (k units)
- Table 165: Latin America Automotive Special Purpose Logic ICs Sales Market Share Forecast by Country (2027-2032)
- Table 166: Latin America Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 167: Latin America Automotive Special Purpose Logic ICs Market Size by Country (2021-2026) & (US\$ Million)
- Table 168: Latin America Automotive Special Purpose Logic ICs Market Share by Country (2021-2026)
- Table 169: Latin America Automotive Special Purpose Logic ICs Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 170: Latin America Automotive Special Purpose Logic ICs Market Share Forecast by Country (2027-2032)
- Table 171: Middle East and Africa Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country (k units): 2021 VS 2025 VS 2032
- Table 172: Middle East and Africa Automotive Special Purpose Logic ICs Sales by Country (2021-2026) & (k units)
- Table 173: Middle East and Africa Automotive Special Purpose Logic ICs Sales Market Share by Country (2021-2026)
- Table 174: Middle East and Africa Automotive Special Purpose Logic ICs Sales Forecast by Country (2027-2032) & (k units)
- Table 175: Middle East and Africa Automotive Special Purpose Logic ICs Sales Market Share Forecast by Country (2027-2032)
- Table 176: Middle East and Africa Automotive Special Purpose Logic ICs Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 177: Middle East and Africa Automotive Special Purpose Logic ICs Market Size by Country (2021-2026) & (US\$ Million)
- Table 178: Middle East and Africa Automotive Special Purpose Logic ICs Market Share by Country (2021-2026)
- Table 179: Middle East and Africa Automotive Special Purpose Logic ICs Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 180: Middle East and Africa Automotive Special Purpose Logic ICs Market Share Forecast by Country (2027-2032)
- Table 181: Key Raw Materials
- Table 182: Raw Materials Key Suppliers
- Table 183: Automotive Special Purpose Logic ICs Distributors List
- Table 184: Automotive Special Purpose Logic ICs Customers List
- Table 185: Research Programs/Design for This Report
- Table 186: Authors List of This Report
- Table 187: Secondary Sources
- Table 188: Primary Sources

List of Figures:

- Figure 1: Automotive Special Purpose Logic ICs Image
- Figure 2: Global Automotive Special Purpose Logic ICs Market Size (US\$ Million), 2021 VS 2025 VS 2032
- Figure 3: Global Automotive Special Purpose Logic ICs Market Size (2021-2032) & (US\$ Million)
- Figure 4: Global Automotive Special Purpose Logic ICs Sales (2021-2032) & (k units)
- Figure 5: Application Specific Standard Products (ASSP) Image
- Figure 6: Global Application Specific Standard Products (ASSP) Sales YoY Growth (2021-2032) & (k units)
- Figure 7: Customer Specific Integrated Circuits (CSIC) Image
- Figure 8: Global Customer Specific Integrated Circuits (CSIC) Sales YoY Growth (2021-2032) & (k units)
- Figure 9: Global Automotive Special Purpose Logic ICs Market Size Overview by Type (2021-2032) & (US\$ Million)
- Figure 10: Global Automotive Special Purpose Logic ICs Market Share by Type 2025 VS 2032
- Figure 11: North America Automotive Special Purpose Logic ICs Sales Market Share in Volume by Type in 2025
- Figure 12: North America Automotive Special Purpose Logic ICs Sales Market Share in Value by Type in 2025
- Figure 13: Europe Automotive Special Purpose Logic ICs Sales Market Share in Volume by Type in 2025
- Figure 14: Europe Automotive Special Purpose Logic ICs Sales Market Share in Value by Type in 2025
- Figure 15: Asia-Pacific Automotive Special Purpose Logic ICs Sales Market Share in Volume by Type in 2025
- Figure 16: Asia-Pacific Automotive Special Purpose Logic ICs Sales Market Share in Value by Type in 2025
- Figure 17: Latin America Automotive Special Purpose Logic ICs Sales Market Share in Volume by Type in 2025
- Figure 18: Latin America Automotive Special Purpose Logic ICs Sales Market Share in Value by Type in 2025
- Figure 19: Middle East and Africa Automotive Special Purpose Logic ICs Sales Market Share in Volume by Type in 2025
- Figure 20: Middle East and Africa Automotive Special Purpose Logic ICs Sales Market Share in Value by Type in 2025
- Figure 21: Global Top 5 and 10 Automotive Special Purpose Logic ICs Players Market Share by Revenue in 2025
- Figure 22: Company Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 23: Passenger Vehicles Image
- Figure 24: Global Passenger Vehicles Sales YoY Growth (2021-2032) & (k units)
- Figure 25: Commercial Vehicles Image
- Figure 26: Global Commercial Vehicles Sales YoY Growth (2021-2032) & (k units)
- Figure 27: Global Automotive Special Purpose Logic ICs Market Size Overview by Application (2021-2032) & (US\$ Million)
- Figure 28: Global Automotive Special Purpose Logic ICs Market Share by Application 2025 VS 2032

- Figure 29: North America Automotive Special Purpose Logic ICs Sales Market Share in Volume by Application in 2025
- Figure 30: North America Automotive Special Purpose Logic ICs Sales Market Share in Value by Application in 2025
- Figure 31: Europe Automotive Special Purpose Logic ICs Sales Market Share in Volume by Application in 2025
- Figure 32: Europe Automotive Special Purpose Logic ICs Sales Market Share in Value by Application in 2025
- Figure 33: Asia-Pacific Automotive Special Purpose Logic ICs Sales Market Share in Volume by Application in 2025
- Figure 34: Asia-Pacific Automotive Special Purpose Logic ICs Sales Market Share in Value by Application in 2025
- Figure 35: Latin America Automotive Special Purpose Logic ICs Sales Market Share in Volume by Application in 2025
- Figure 36: Latin America Automotive Special Purpose Logic ICs Sales Market Share in Value by Application in 2025
- Figure 37: Middle East and Africa Automotive Special Purpose Logic ICs Sales Market Share in Volume by Application in 2025
- Figure 38: Middle East and Africa Automotive Special Purpose Logic ICs Sales Market Share in Value by Application in 2025
- Figure 39: North America Automotive Special Purpose Logic ICs Sales by Country: 2021 VS 2025 VS 2032 (k units)
- Figure 40: North America Automotive Special Purpose Logic ICs Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 41: North America Automotive Special Purpose Logic ICs Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 42: North America Automotive Special Purpose Logic ICs Market Share by Country: 2021 VS 2025 VS 2032
- Figure 43: Europe Automotive Special Purpose Logic ICs Sales by Country: 2021 VS 2025 VS 2032 (k units)
- Figure 44: Europe Automotive Special Purpose Logic ICs Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 45: Europe Automotive Special Purpose Logic ICs Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 46: Europe Automotive Special Purpose Logic ICs Market Share by Country: 2021 VS 2025 VS 2032
- Figure 47: Asia-Pacific Automotive Special Purpose Logic ICs Sales by Country: 2021 VS 2025 VS 2032 (k units)
- Figure 48: Asia-Pacific Automotive Special Purpose Logic ICs Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 49: Asia-Pacific Automotive Special Purpose Logic ICs Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 50: Asia-Pacific Automotive Special Purpose Logic ICs Market Share by Country: 2021 VS 2025 VS 2032
- Figure 51: Latin America Automotive Special Purpose Logic ICs Sales by Country: 2021 VS 2025 VS 2032 (k units)
- Figure 52: Latin America Automotive Special Purpose Logic ICs Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 53: Latin America Automotive Special Purpose Logic ICs Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 54: Latin America Automotive Special Purpose Logic ICs Market Share by Country: 2021 VS 2025 VS 2032
- Figure 55: Middle East and Africa Automotive Special Purpose Logic ICs Sales by Country: 2021 VS 2025 VS 2032 (k units)
- Figure 56: Middle East and Africa Automotive Special Purpose Logic ICs Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 57: Middle East and Africa Automotive Special Purpose Logic ICs Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 58: Middle East and Africa Automotive Special Purpose Logic ICs Market Share by Country: 2021 VS 2025 VS 2032
- Figure 59: Automotive Special Purpose Logic ICs Value Chain
- Figure 60: Key Raw Materials Price
- Figure 61: Manufacturing Cost Structure
- Figure 62: Automotive Special Purpose Logic ICs Production Mode & Process
- Figure 63: Direct Comparison with Distribution Share
- Figure 64: Distributors Profiles
- Figure 65: Years Considered
- Figure 66: Research Process
- Figure 67: Key Executives Interviewed