

Global Automotive LSI Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Automotive LSI market size was valued at US\$ million in 2023. With growing demand in downstream market, the Automotive LSI is forecast to a readjusted size of US\$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global Automotive LSI market. Automotive LSI are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Automotive LSI. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Automotive LSI market.

Large-scale integration (LSI) is the process of integrating or embedding thousands of transistors on a single silicon semiconductor microchip.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest

automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

Key Features:

The report on Automotive LSI market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Automotive LSI market. It may include historical data, market segmentation by Type (e.g., Analog Integrated Circuits, Digital Integrated Circuits), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Automotive LSI market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Automotive LSI market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Automotive LSI industry. This include advancements in Automotive LSI technology, Automotive LSI new entrants, Automotive LSI new investment, and other innovations that are shaping the future of Automotive LSI.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Automotive LSI market. It includes factors influencing customer ' purchasing decisions, preferences for Automotive LSI product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Automotive LSI market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Automotive LSI market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Automotive LSI market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Automotive LSI industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Automotive LSI market.

Market Segmentation:

Automotive LSI market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

Analog Integrated Circuits

Digital Integrated Circuits

Digital/Analog Hybrid Integrated Circuits

Segmentation by application

Passenger Cars

Commercial Vehicles

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Alzu Fujitsu Semiconductor (Japan)

Asahi Kasei (Japan)

Fujitsu (Japan)

Hagiwara Electronics (Japan)

Hiji High-Tech (Japan)

Japan Semiconductor (Japan)

Kyushu Denshi (Japan)

MegaChips (Japan)

MIE Fujitsu Semiconductor (Japan)

Nippon Pulse Motor (Japan)

Panasonic (Japan)

Renesas Electronics (Japan)

Rohm (Japan)

Saga Electronics (Japan)

SEIKO NPC (Japan)

Sharp (Japan)

Sony Semiconductor Solutions (Japan)

Tamagawa Denki (Japan)

TDK (Japan)

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive LSI market?

What factors are driving Automotive LSI market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Automotive LSI market opportunities vary by end market size?

How does Automotive LSI break out type, application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Automotive LSI Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Automotive LSI by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Automotive LSI by Country/Region, 2019, 2023 & 2030
- 2.2 Automotive LSI Segment by Type
 - 2.2.1 Analog Integrated Circuits
 - 2.2.2 Digital Integrated Circuits
 - 2.2.3 Digital/Analog Hybrid Integrated Circuits
- 2.3 Automotive LSI Sales by Type
 - 2.3.1 Global Automotive LSI Sales Market Share by Type (2019-2024)
 - 2.3.2 Global Automotive LSI Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global Automotive LSI Sale Price by Type (2019-2024)
- 2.4 Automotive LSI Segment by Application
 - 2.4.1 Passenger Cars
 - 2.4.2 Commercial Vehicles
- 2.5 Automotive LSI Sales by Application
 - 2.5.1 Global Automotive LSI Sale Market Share by Application (2019-2024)
 - 2.5.2 Global Automotive LSI Revenue and Market Share by Application (2019-2024)
 - 2.5.3 Global Automotive LSI Sale Price by Application (2019-2024)

3 GLOBAL AUTOMOTIVE LSI BY COMPANY

- 3.1 Global Automotive LSI Breakdown Data by Company
 - 3.1.1 Global Automotive LSI Annual Sales by Company (2019-2024)
 - 3.1.2 Global Automotive LSI Sales Market Share by Company (2019-2024)
- 3.2 Global Automotive LSI Annual Revenue by Company (2019-2024)
 - 3.2.1 Global Automotive LSI Revenue by Company (2019-2024)
 - 3.2.2 Global Automotive LSI Revenue Market Share by Company (2019-2024)
- 3.3 Global Automotive LSI Sale Price by Company
- 3.4 Key Manufacturers Automotive LSI Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Automotive LSI Product Location Distribution
 - 3.4.2 Players Automotive LSI Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE LSI BY GEOGRAPHIC REGION

- 4.1 World Historic Automotive LSI Market Size by Geographic Region (2019-2024)
 - 4.1.1 Global Automotive LSI Annual Sales by Geographic Region (2019-2024)
 - 4.1.2 Global Automotive LSI Annual Revenue by Geographic Region (2019-2024)
- 4.2 World Historic Automotive LSI Market Size by Country/Region (2019-2024)
 - 4.2.1 Global Automotive LSI Annual Sales by Country/Region (2019-2024)
 - 4.2.2 Global Automotive LSI Annual Revenue by Country/Region (2019-2024)
- 4.3 Americas Automotive LSI Sales Growth
- 4.4 APAC Automotive LSI Sales Growth
- 4.5 Europe Automotive LSI Sales Growth
- 4.6 Middle East & Africa Automotive LSI Sales Growth

5 AMERICAS

- 5.1 Americas Automotive LSI Sales by Country
 - 5.1.1 Americas Automotive LSI Sales by Country (2019-2024)
 - 5.1.2 Americas Automotive LSI Revenue by Country (2019-2024)
- 5.2 Americas Automotive LSI Sales by Type
- 5.3 Americas Automotive LSI Sales by Application
- 5.4 United States
- 5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Automotive LSI Sales by Region

6.1.1 APAC Automotive LSI Sales by Region (2019-2024)

6.1.2 APAC Automotive LSI Revenue by Region (2019-2024)

6.2 APAC Automotive LSI Sales by Type

6.3 APAC Automotive LSI Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Automotive LSI by Country

7.1.1 Europe Automotive LSI Sales by Country (2019-2024)

7.1.2 Europe Automotive LSI Revenue by Country (2019-2024)

7.2 Europe Automotive LSI Sales by Type

7.3 Europe Automotive LSI Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Automotive LSI by Country

8.1.1 Middle East & Africa Automotive LSI Sales by Country (2019-2024)

8.1.2 Middle East & Africa Automotive LSI Revenue by Country (2019-2024)

8.2 Middle East & Africa Automotive LSI Sales by Type

8.3 Middle East & Africa Automotive LSI Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Automotive LSI

10.3 Manufacturing Process Analysis of Automotive LSI

10.4 Industry Chain Structure of Automotive LSI

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Automotive LSI Distributors

11.3 Automotive LSI Customer

12 WORLD FORECAST REVIEW FOR AUTOMOTIVE LSI BY GEOGRAPHIC REGION

12.1 Global Automotive LSI Market Size Forecast by Region

12.1.1 Global Automotive LSI Forecast by Region (2025-2030)

12.1.2 Global Automotive LSI Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Automotive LSI Forecast by Type

12.7 Global Automotive LSI Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Alzu Fujitsu Semiconductor (Japan)

13.1.1 Alzu Fujitsu Semiconductor (Japan) Company Information

13.1.2 Alzu Fujitsu Semiconductor (Japan) Automotive LSI Product Portfolios and Specifications

13.1.3 Alzu Fujitsu Semiconductor (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Alzu Fujitsu Semiconductor (Japan) Main Business Overview

13.1.5 Alzu Fujitsu Semiconductor (Japan) Latest Developments

13.2 Asahi Kasei (Japan)

13.2.1 Asahi Kasei (Japan) Company Information

13.2.2 Asahi Kasei (Japan) Automotive LSI Product Portfolios and Specifications

13.2.3 Asahi Kasei (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 Asahi Kasei (Japan) Main Business Overview

13.2.5 Asahi Kasei (Japan) Latest Developments

13.3 Fujitsu (Japan)

13.3.1 Fujitsu (Japan) Company Information

13.3.2 Fujitsu (Japan) Automotive LSI Product Portfolios and Specifications

13.3.3 Fujitsu (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Fujitsu (Japan) Main Business Overview

13.3.5 Fujitsu (Japan) Latest Developments

13.4 Hagiwara Electronics (Japan)

13.4.1 Hagiwara Electronics (Japan) Company Information

13.4.2 Hagiwara Electronics (Japan) Automotive LSI Product Portfolios and Specifications

13.4.3 Hagiwara Electronics (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Hagiwara Electronics (Japan) Main Business Overview

13.4.5 Hagiwara Electronics (Japan) Latest Developments

13.5 Hiji High-Tech (Japan)

13.5.1 Hiji High-Tech (Japan) Company Information

13.5.2 Hiji High-Tech (Japan) Automotive LSI Product Portfolios and Specifications

13.5.3 Hiji High-Tech (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 Hiji High-Tech (Japan) Main Business Overview

13.5.5 Hiji High-Tech (Japan) Latest Developments

13.6 Japan Semiconductor (Japan)

13.6.1 Japan Semiconductor (Japan) Company Information

13.6.2 Japan Semiconductor (Japan) Automotive LSI Product Portfolios and Specifications

13.6.3 Japan Semiconductor (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Japan Semiconductor (Japan) Main Business Overview

13.6.5 Japan Semiconductor (Japan) Latest Developments

13.7 Kyushu Denshi (Japan)

13.7.1 Kyushu Denshi (Japan) Company Information

13.7.2 Kyushu Denshi (Japan) Automotive LSI Product Portfolios and Specifications

13.7.3 Kyushu Denshi (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Kyushu Denshi (Japan) Main Business Overview

13.7.5 Kyushu Denshi (Japan) Latest Developments

13.8 MegaChips (Japan)

13.8.1 MegaChips (Japan) Company Information

13.8.2 MegaChips (Japan) Automotive LSI Product Portfolios and Specifications

13.8.3 MegaChips (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 MegaChips (Japan) Main Business Overview

13.8.5 MegaChips (Japan) Latest Developments

13.9 MIE Fujitsu Semiconductor (Japan)

13.9.1 MIE Fujitsu Semiconductor (Japan) Company Information

13.9.2 MIE Fujitsu Semiconductor (Japan) Automotive LSI Product Portfolios and Specifications

13.9.3 MIE Fujitsu Semiconductor (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 MIE Fujitsu Semiconductor (Japan) Main Business Overview

13.9.5 MIE Fujitsu Semiconductor (Japan) Latest Developments

13.10 Nippon Pulse Motor (Japan)

13.10.1 Nippon Pulse Motor (Japan) Company Information

13.10.2 Nippon Pulse Motor (Japan) Automotive LSI Product Portfolios and Specifications

13.10.3 Nippon Pulse Motor (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Nippon Pulse Motor (Japan) Main Business Overview

13.10.5 Nippon Pulse Motor (Japan) Latest Developments

13.11 Panasonic (Japan)

- 13.11.1 Panasonic (Japan) Company Information
- 13.11.2 Panasonic (Japan) Automotive LSI Product Portfolios and Specifications
- 13.11.3 Panasonic (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.11.4 Panasonic (Japan) Main Business Overview
- 13.11.5 Panasonic (Japan) Latest Developments
- 13.12 Renesas Electronics (Japan)
 - 13.12.1 Renesas Electronics (Japan) Company Information
 - 13.12.2 Renesas Electronics (Japan) Automotive LSI Product Portfolios and Specifications
 - 13.12.3 Renesas Electronics (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.12.4 Renesas Electronics (Japan) Main Business Overview
 - 13.12.5 Renesas Electronics (Japan) Latest Developments
- 13.13 Rohm (Japan)
 - 13.13.1 Rohm (Japan) Company Information
 - 13.13.2 Rohm (Japan) Automotive LSI Product Portfolios and Specifications
 - 13.13.3 Rohm (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.13.4 Rohm (Japan) Main Business Overview
 - 13.13.5 Rohm (Japan) Latest Developments
- 13.14 Saga Electronics (Japan)
 - 13.14.1 Saga Electronics (Japan) Company Information
 - 13.14.2 Saga Electronics (Japan) Automotive LSI Product Portfolios and Specifications
 - 13.14.3 Saga Electronics (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.14.4 Saga Electronics (Japan) Main Business Overview
 - 13.14.5 Saga Electronics (Japan) Latest Developments
- 13.15 SEIKO NPC (Japan)
 - 13.15.1 SEIKO NPC (Japan) Company Information
 - 13.15.2 SEIKO NPC (Japan) Automotive LSI Product Portfolios and Specifications
 - 13.15.3 SEIKO NPC (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.15.4 SEIKO NPC (Japan) Main Business Overview
 - 13.15.5 SEIKO NPC (Japan) Latest Developments
- 13.16 Sharp (Japan)
 - 13.16.1 Sharp (Japan) Company Information
 - 13.16.2 Sharp (Japan) Automotive LSI Product Portfolios and Specifications
 - 13.16.3 Sharp (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin

(2019-2024)

13.16.4 Sharp (Japan) Main Business Overview

13.16.5 Sharp (Japan) Latest Developments

13.17 Sony Semiconductor Solutions (Japan)

13.17.1 Sony Semiconductor Solutions (Japan) Company Information

13.17.2 Sony Semiconductor Solutions (Japan) Automotive LSI Product Portfolios and Specifications

13.17.3 Sony Semiconductor Solutions (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.17.4 Sony Semiconductor Solutions (Japan) Main Business Overview

13.17.5 Sony Semiconductor Solutions (Japan) Latest Developments

13.18 Tamagawa Denki (Japan)

13.18.1 Tamagawa Denki (Japan) Company Information

13.18.2 Tamagawa Denki (Japan) Automotive LSI Product Portfolios and Specifications

13.18.3 Tamagawa Denki (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.18.4 Tamagawa Denki (Japan) Main Business Overview

13.18.5 Tamagawa Denki (Japan) Latest Developments

13.19 TDK (Japan)

13.19.1 TDK (Japan) Company Information

13.19.2 TDK (Japan) Automotive LSI Product Portfolios and Specifications

13.19.3 TDK (Japan) Automotive LSI Sales, Revenue, Price and Gross Margin (2019-2024)

13.19.4 TDK (Japan) Main Business Overview

13.19.5 TDK (Japan) Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Automotive LSI Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Automotive LSI Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Analog Integrated Circuits

Table 4. Major Players of Digital Integrated Circuits

Table 5. Major Players of Digital/Analog Hybrid Integrated Circuits

Table 6. Global Automotive LSI Sales by Type (2019-2024) & (K Units)

Table 7. Global Automotive LSI Sales Market Share by Type (2019-2024)

Table 8. Global Automotive LSI Revenue by Type (2019-2024) & (\$ million)

Table 9. Global Automotive LSI Revenue Market Share by Type (2019-2024)

Table 10. Global Automotive LSI Sale Price by Type (2019-2024) & (USD/Unit)

Table 11. Global Automotive LSI Sales by Application (2019-2024) & (K Units)

Table 12. Global Automotive LSI Sales Market Share by Application (2019-2024)

Table 13. Global Automotive LSI Revenue by Application (2019-2024)

Table 14. Global Automotive LSI Revenue Market Share by Application (2019-2024)

Table 15. Global Automotive LSI Sale Price by Application (2019-2024) & (USD/Unit)

Table 16. Global Automotive LSI Sales by Company (2019-2024) & (K Units)

Table 17. Global Automotive LSI Sales Market Share by Company (2019-2024)

Table 18. Global Automotive LSI Revenue by Company (2019-2024) (\$ Millions)

Table 19. Global Automotive LSI Revenue Market Share by Company (2019-2024)

Table 20. Global Automotive LSI Sale Price by Company (2019-2024) & (USD/Unit)

Table 21. Key Manufacturers Automotive LSI Producing Area Distribution and Sales Area

Table 22. Players Automotive LSI Products Offered

Table 23. Automotive LSI Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global Automotive LSI Sales by Geographic Region (2019-2024) & (K Units)

Table 27. Global Automotive LSI Sales Market Share Geographic Region (2019-2024)

Table 28. Global Automotive LSI Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 29. Global Automotive LSI Revenue Market Share by Geographic Region (2019-2024)

Table 30. Global Automotive LSI Sales by Country/Region (2019-2024) & (K Units)

Table 31. Global Automotive LSI Sales Market Share by Country/Region (2019-2024)

Table 32. Global Automotive LSI Revenue by Country/Region (2019-2024) & (\$ millions)

Table 33. Global Automotive LSI Revenue Market Share by Country/Region (2019-2024)

Table 34. Americas Automotive LSI Sales by Country (2019-2024) & (K Units)

Table 35. Americas Automotive LSI Sales Market Share by Country (2019-2024)

Table 36. Americas Automotive LSI Revenue by Country (2019-2024) & (\$ Millions)

Table 37. Americas Automotive LSI Revenue Market Share by Country (2019-2024)

Table 38. Americas Automotive LSI Sales by Type (2019-2024) & (K Units)

Table 39. Americas Automotive LSI Sales by Application (2019-2024) & (K Units)

Table 40. APAC Automotive LSI Sales by Region (2019-2024) & (K Units)

Table 41. APAC Automotive LSI Sales Market Share by Region (2019-2024)

Table 42. APAC Automotive LSI Revenue by Region (2019-2024) & (\$ Millions)

Table 43. APAC Automotive LSI Revenue Market Share by Region (2019-2024)

Table 44. APAC Automotive LSI Sales by Type (2019-2024) & (K Units)

Table 45. APAC Automotive LSI Sales by Application (2019-2024) & (K Units)

Table 46. Europe Automotive LSI Sales by Country (2019-2024) & (K Units)

Table 47. Europe Automotive LSI Sales Market Share by Country (2019-2024)

Table 48. Europe Automotive LSI Revenue by Country (2019-2024) & (\$ Millions)

Table 49. Europe Automotive LSI Revenue Market Share by Country (2019-2024)

Table 50. Europe Automotive LSI Sales by Type (2019-2024) & (K Units)

Table 51. Europe Automotive LSI Sales by Application (2019-2024) & (K Units)

Table 52. Middle East & Africa Automotive LSI Sales by Country (2019-2024) & (K Units)

Table 53. Middle East & Africa Automotive LSI Sales Market Share by Country (2019-2024)

Table 54. Middle East & Africa Automotive LSI Revenue by Country (2019-2024) & (\$ Millions)

Table 55. Middle East & Africa Automotive LSI Revenue Market Share by Country (2019-2024)

Table 56. Middle East & Africa Automotive LSI Sales by Type (2019-2024) & (K Units)

Table 57. Middle East & Africa Automotive LSI Sales by Application (2019-2024) & (K Units)

Table 58. Key Market Drivers & Growth Opportunities of Automotive LSI

Table 59. Key Market Challenges & Risks of Automotive LSI

Table 60. Key Industry Trends of Automotive LSI

Table 61. Automotive LSI Raw Material

Table 62. Key Suppliers of Raw Materials

Table 63. Automotive LSI Distributors List
Table 64. Automotive LSI Customer List
Table 65. Global Automotive LSI Sales Forecast by Region (2025-2030) & (K Units)
Table 66. Global Automotive LSI Revenue Forecast by Region (2025-2030) & (\$ millions)
Table 67. Americas Automotive LSI Sales Forecast by Country (2025-2030) & (K Units)
Table 68. Americas Automotive LSI Revenue Forecast by Country (2025-2030) & (\$ millions)
Table 69. APAC Automotive LSI Sales Forecast by Region (2025-2030) & (K Units)
Table 70. APAC Automotive LSI Revenue Forecast by Region (2025-2030) & (\$ millions)
Table 71. Europe Automotive LSI Sales Forecast by Country (2025-2030) & (K Units)
Table 72. Europe Automotive LSI Revenue Forecast by Country (2025-2030) & (\$ millions)
Table 73. Middle East & Africa Automotive LSI Sales Forecast by Country (2025-2030) & (K Units)
Table 74. Middle East & Africa Automotive LSI Revenue Forecast by Country (2025-2030) & (\$ millions)
Table 75. Global Automotive LSI Sales Forecast by Type (2025-2030) & (K Units)
Table 76. Global Automotive LSI Revenue Forecast by Type (2025-2030) & (\$ Millions)
Table 77. Global Automotive LSI Sales Forecast by Application (2025-2030) & (K Units)
Table 78. Global Automotive LSI Revenue Forecast by Application (2025-2030) & (\$ Millions)
Table 79. Alzu Fujitsu Semiconductor (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors
Table 80. Alzu Fujitsu Semiconductor (Japan) Automotive LSI Product Portfolios and Specifications
Table 81. Alzu Fujitsu Semiconductor (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 82. Alzu Fujitsu Semiconductor (Japan) Main Business
Table 83. Alzu Fujitsu Semiconductor (Japan) Latest Developments
Table 84. Asahi Kasei (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors
Table 85. Asahi Kasei (Japan) Automotive LSI Product Portfolios and Specifications
Table 86. Asahi Kasei (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 87. Asahi Kasei (Japan) Main Business
Table 88. Asahi Kasei (Japan) Latest Developments
Table 89. Fujitsu (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales

Area and Its Competitors

Table 90. Fujitsu (Japan) Automotive LSI Product Portfolios and Specifications

Table 91. Fujitsu (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 92. Fujitsu (Japan) Main Business

Table 93. Fujitsu (Japan) Latest Developments

Table 94. Hagiwara Electronics (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 95. Hagiwara Electronics (Japan) Automotive LSI Product Portfolios and Specifications

Table 96. Hagiwara Electronics (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 97. Hagiwara Electronics (Japan) Main Business

Table 98. Hagiwara Electronics (Japan) Latest Developments

Table 99. Hiji High-Tech (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 100. Hiji High-Tech (Japan) Automotive LSI Product Portfolios and Specifications

Table 101. Hiji High-Tech (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 102. Hiji High-Tech (Japan) Main Business

Table 103. Hiji High-Tech (Japan) Latest Developments

Table 104. Japan Semiconductor (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 105. Japan Semiconductor (Japan) Automotive LSI Product Portfolios and Specifications

Table 106. Japan Semiconductor (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 107. Japan Semiconductor (Japan) Main Business

Table 108. Japan Semiconductor (Japan) Latest Developments

Table 109. Kyushu Denshi (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 110. Kyushu Denshi (Japan) Automotive LSI Product Portfolios and Specifications

Table 111. Kyushu Denshi (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 112. Kyushu Denshi (Japan) Main Business

Table 113. Kyushu Denshi (Japan) Latest Developments

Table 114. MegaChips (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 115. MegaChips (Japan) Automotive LSI Product Portfolios and Specifications

Table 116. MegaChips (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 117. MegaChips (Japan) Main Business

Table 118. MegaChips (Japan) Latest Developments

Table 119. MIE Fujitsu Semiconductor (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 120. MIE Fujitsu Semiconductor (Japan) Automotive LSI Product Portfolios and Specifications

Table 121. MIE Fujitsu Semiconductor (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 122. MIE Fujitsu Semiconductor (Japan) Main Business

Table 123. MIE Fujitsu Semiconductor (Japan) Latest Developments

Table 124. Nippon Pulse Motor (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 125. Nippon Pulse Motor (Japan) Automotive LSI Product Portfolios and Specifications

Table 126. Nippon Pulse Motor (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 127. Nippon Pulse Motor (Japan) Main Business

Table 128. Nippon Pulse Motor (Japan) Latest Developments

Table 129. Panasonic (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 130. Panasonic (Japan) Automotive LSI Product Portfolios and Specifications

Table 131. Panasonic (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 132. Panasonic (Japan) Main Business

Table 133. Panasonic (Japan) Latest Developments

Table 134. Renesas Electronics (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 135. Renesas Electronics (Japan) Automotive LSI Product Portfolios and Specifications

Table 136. Renesas Electronics (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 137. Renesas Electronics (Japan) Main Business

Table 138. Renesas Electronics (Japan) Latest Developments

Table 139. Rohm (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 140. Rohm (Japan) Automotive LSI Product Portfolios and Specifications

Table 141. Rohm (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 142. Rohm (Japan) Main Business

Table 143. Rohm (Japan) Latest Developments

Table 144. Saga Electronics (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 145. Saga Electronics (Japan) Automotive LSI Product Portfolios and Specifications

Table 146. Saga Electronics (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 147. Saga Electronics (Japan) Main Business

Table 148. Saga Electronics (Japan) Latest Developments

Table 149. SEIKO NPC (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 150. SEIKO NPC (Japan) Automotive LSI Product Portfolios and Specifications

Table 151. SEIKO NPC (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 152. SEIKO NPC (Japan) Main Business

Table 153. SEIKO NPC (Japan) Latest Developments

Table 154. Sharp (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 155. Sharp (Japan) Automotive LSI Product Portfolios and Specifications

Table 156. Sharp (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 157. Sharp (Japan) Main Business

Table 158. Sharp (Japan) Latest Developments

Table 159. Sony Semiconductor Solutions (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 160. Sony Semiconductor Solutions (Japan) Automotive LSI Product Portfolios and Specifications

Table 161. Sony Semiconductor Solutions (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 162. Sony Semiconductor Solutions (Japan) Main Business

Table 163. Sony Semiconductor Solutions (Japan) Latest Developments

Table 164. Tamagawa Denki (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 165. Tamagawa Denki (Japan) Automotive LSI Product Portfolios and Specifications

Table 166. Tamagawa Denki (Japan) Automotive LSI Sales (K Units), Revenue (\$

Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 167. Tamagawa Denki (Japan) Main Business

Table 168. Tamagawa Denki (Japan) Latest Developments

Table 169. TDK (Japan) Basic Information, Automotive LSI Manufacturing Base, Sales Area and Its Competitors

Table 170. TDK (Japan) Automotive LSI Product Portfolios and Specifications

Table 171. TDK (Japan) Automotive LSI Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 172. TDK (Japan) Main Business

Table 173. TDK (Japan) Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Automotive LSI
- Figure 2. Automotive LSI Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Automotive LSI Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Automotive LSI Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Automotive LSI Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of Analog Integrated Circuits
- Figure 10. Product Picture of Digital Integrated Circuits
- Figure 11. Product Picture of Digital/Analog Hybrid Integrated Circuits
- Figure 12. Global Automotive LSI Sales Market Share by Type in 2023
- Figure 13. Global Automotive LSI Revenue Market Share by Type (2019-2024)
- Figure 14. Automotive LSI Consumed in Passenger Cars
- Figure 15. Global Automotive LSI Market: Passenger Cars (2019-2024) & (K Units)
- Figure 16. Automotive LSI Consumed in Commercial Vehicles
- Figure 17. Global Automotive LSI Market: Commercial Vehicles (2019-2024) & (K Units)
- Figure 18. Global Automotive LSI Sales Market Share by Application (2023)
- Figure 19. Global Automotive LSI Revenue Market Share by Application in 2023
- Figure 20. Automotive LSI Sales Market by Company in 2023 (K Units)
- Figure 21. Global Automotive LSI Sales Market Share by Company in 2023
- Figure 22. Automotive LSI Revenue Market by Company in 2023 (\$ Million)
- Figure 23. Global Automotive LSI Revenue Market Share by Company in 2023
- Figure 24. Global Automotive LSI Sales Market Share by Geographic Region (2019-2024)
- Figure 25. Global Automotive LSI Revenue Market Share by Geographic Region in 2023
- Figure 26. Americas Automotive LSI Sales 2019-2024 (K Units)
- Figure 27. Americas Automotive LSI Revenue 2019-2024 (\$ Millions)
- Figure 28. APAC Automotive LSI Sales 2019-2024 (K Units)
- Figure 29. APAC Automotive LSI Revenue 2019-2024 (\$ Millions)
- Figure 30. Europe Automotive LSI Sales 2019-2024 (K Units)
- Figure 31. Europe Automotive LSI Revenue 2019-2024 (\$ Millions)
- Figure 32. Middle East & Africa Automotive LSI Sales 2019-2024 (K Units)
- Figure 33. Middle East & Africa Automotive LSI Revenue 2019-2024 (\$ Millions)

- Figure 34. Americas Automotive LSI Sales Market Share by Country in 2023
- Figure 35. Americas Automotive LSI Revenue Market Share by Country in 2023
- Figure 36. Americas Automotive LSI Sales Market Share by Type (2019-2024)
- Figure 37. Americas Automotive LSI Sales Market Share by Application (2019-2024)
- Figure 38. United States Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 39. Canada Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 40. Mexico Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 41. Brazil Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 42. APAC Automotive LSI Sales Market Share by Region in 2023
- Figure 43. APAC Automotive LSI Revenue Market Share by Regions in 2023
- Figure 44. APAC Automotive LSI Sales Market Share by Type (2019-2024)
- Figure 45. APAC Automotive LSI Sales Market Share by Application (2019-2024)
- Figure 46. China Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 47. Japan Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 48. South Korea Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 49. Southeast Asia Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 50. India Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 51. Australia Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 52. China Taiwan Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 53. Europe Automotive LSI Sales Market Share by Country in 2023
- Figure 54. Europe Automotive LSI Revenue Market Share by Country in 2023
- Figure 55. Europe Automotive LSI Sales Market Share by Type (2019-2024)
- Figure 56. Europe Automotive LSI Sales Market Share by Application (2019-2024)
- Figure 57. Germany Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 58. France Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 59. UK Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 60. Italy Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 61. Russia Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 62. Middle East & Africa Automotive LSI Sales Market Share by Country in 2023
- Figure 63. Middle East & Africa Automotive LSI Revenue Market Share by Country in 2023
- Figure 64. Middle East & Africa Automotive LSI Sales Market Share by Type (2019-2024)
- Figure 65. Middle East & Africa Automotive LSI Sales Market Share by Application (2019-2024)
- Figure 66. Egypt Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 67. South Africa Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 68. Israel Automotive LSI Revenue Growth 2019-2024 (\$ Millions)
- Figure 69. Turkey Automotive LSI Revenue Growth 2019-2024 (\$ Millions)

Figure 70. GCC Country Automotive LSI Revenue Growth 2019-2024 (\$ Millions)

Figure 71. Manufacturing Cost Structure Analysis of Automotive LSI in 2023

Figure 72. Manufacturing Process Analysis of Automotive LSI

Figure 73. Industry Chain Structure of Automotive LSI

Figure 74. Channels of Distribution

Figure 75. Global Automotive LSI Sales Market Forecast by Region (2025-2030)

Figure 76. Global Automotive LSI Revenue Market Share Forecast by Region
(2025-2030)

Figure 77. Global Automotive LSI Sales Market Share Forecast by Type (2025-2030)

Figure 78. Global Automotive LSI Revenue Market Share Forecast by Type
(2025-2030)

Figure 79. Global Automotive LSI Sales Market Share Forecast by Application
(2025-2030)

Figure 80. Global Automotive LSI Revenue Market Share Forecast by Application
(2025-2030)

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