+357 96 030922
info@marketpublishers.com

Global Automotive-grade SPAD Chip Market Growth 2025-2031

https://marketpublishers.com/r/GDF764D5B911EN.html
Date: August 2025
Pages: 142
Price: US$ 3,660.00 (Single User License)
ID: GDF764D5B911EN

Abstracts

The global Automotive-grade SPAD Chip market size is predicted to grow from US$ 1552 million in 2025 to US$ 6594 million in 2031; it is expected to grow at a CAGR of 27.3% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

The SPAD-SoC chip integrates the SPAD array (containing hundreds of thousands to millions of SPAD monomers), TDC, and time-gating circuits to achieve 'light to electricity', 'electricity to data', and 'data processing'. The SPAD-SoC chip using a 3D stacking process is divided into an upper and lower structure, with the SPAD detector and logic circuit implemented on two wafers respectively. The upper layer is a single-photon pixel array (SPAD Pixel), and the lower layer is a readout circuit (including TDC, TCSPC, DSP, MCU, etc.). In the automotive field, SPAD-SoC mainly adopts two forms: linear array and planar array. In the automotive field, SPAD-SoC has the following development directions. Smaller pixel size, larger array scale, and integration to improve performance.

United States market for Automotive-grade SPAD Chip is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Automotive-grade SPAD Chip is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Automotive-grade SPAD Chip is estimated to increase from US$

+357 96 030922
info@marketpublishers.com

million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Automotive-grade SPAD Chip players cover Onsemi, Sony Semiconductor Solutions Corporation, STMicroelectronics, Hamamatsu Photonics, AMS OSRAM, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “Automotive-grade SPAD Chip Industry Forecast” looks at past sales and reviews total world Automotive-grade SPAD Chip sales in 2024, providing a comprehensive analysis by region and market sector of projected Automotive-grade SPAD Chip sales for 2025 through 2031. With Automotive-grade SPAD Chip sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Automotive-grade SPAD Chip industry.

This Insight Report provides a comprehensive analysis of the global Automotive-grade SPAD Chip landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automotive-grade SPAD Chip portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Automotive-grade SPAD Chip market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive-grade SPAD Chip and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automotive-grade SPAD Chip.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive-grade SPAD Chip market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Linear Array SPAD Chip

+357 96 030922
info@marketpublishers.com

Area Array SPAD Chip

Segmentation by Application:

Unmanned Passenger Vehicle

Low-speed Unmanned Vehicle

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

+357 96 030922
info@marketpublishers.com

- 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 analysing the company's coverage, product portfolio, its market penetration.

- Onsemi
- Sony Semiconductor Solutions Corporation
- STMicroelectronics
- Hamamatsu Photonics
- AMS OSRAM

+357 96 030922
info@marketpublishers.com

Adaps Photonics

Sophoton

Evisionics

Fortsense

Orbbec

RoboSense

Hesai Technology

Microparity

Shitong (Shenzhen) Microelectronics Technology Co., Ltd.

Xilight

PolarisIC

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive-grade SPAD Chip market?
What factors are driving Automotive-grade SPAD Chip market growth, globally and by region?
Which technologies are poised for the fastest growth by market and region?
How do Automotive-grade SPAD Chip market opportunities vary by end market size?
How does Automotive-grade SPAD Chip break out by Type, by Application?

+357 96 030922
info@marketpublishers.com

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-grade SPAD Chip Annual Sales 2020-2031
  2.1.2 World Current & Future Analysis for Automotive-grade SPAD Chip by Geographic Region, 2020, 2024 & 2031
  2.1.3 World Current & Future Analysis for Automotive-grade SPAD Chip by Country/Region, 2020, 2024 & 2031
2.2 Automotive-grade SPAD Chip Segment by Type
  2.2.1 Linear Array SPAD Chip
  2.2.2 Area Array SPAD Chip
2.3 Automotive-grade SPAD Chip Sales by Type
  2.3.1 Global Automotive-grade SPAD Chip Sales Market Share by Type (2020-2025)
  2.3.2 Global Automotive-grade SPAD Chip Revenue and Market Share by Type (2020-2025)
  2.3.3 Global Automotive-grade SPAD Chip Sale Price by Type (2020-2025)
2.4 Automotive-grade SPAD Chip Segment by Application
  2.4.1 Unmanned Passenger Vehicle
  2.4.2 Low-speed Unmanned Vehicle
  2.4.3 Other
2.5 Automotive-grade SPAD Chip Sales by Application
  2.5.1 Global Automotive-grade SPAD Chip Sale Market Share by Application (2020-2025)
  2.5.2 Global Automotive-grade SPAD Chip Revenue and Market Share by Application (2020-2025)
  2.5.3 Global Automotive-grade SPAD Chip Sale Price by Application (2020-2025)

+357 96 030922
info@marketpublishers.com

3 GLOBAL BY COMPANY

3.1 Global Automotive-grade SPAD Chip Breakdown Data by Company
3.1.1 Global Automotive-grade SPAD Chip Annual Sales by Company (2020-2025)
3.1.2 Global Automotive-grade SPAD Chip Sales Market Share by Company (2020-2025)
3.2 Global Automotive-grade SPAD Chip Annual Revenue by Company (2020-2025)
3.2.1 Global Automotive-grade SPAD Chip Revenue by Company (2020-2025)
3.2.2 Global Automotive-grade SPAD Chip Revenue Market Share by Company (2020-2025)
3.3 Global Automotive-grade SPAD Chip Sale Price by Company
3.4 Key Manufacturers Automotive-grade SPAD Chip Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Automotive-grade SPAD Chip Product Location Distribution
3.4.2 Players Automotive-grade SPAD Chip Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE-GRADE SPAD CHIP BY GEOGRAPHIC REGION

4.1 World Historic Automotive-grade SPAD Chip Market Size by Geographic Region (2020-2025)
4.1.1 Global Automotive-grade SPAD Chip Annual Sales by Geographic Region (2020-2025)
4.1.2 Global Automotive-grade SPAD Chip Annual Revenue by Geographic Region (2020-2025)
4.2 World Historic Automotive-grade SPAD Chip Market Size by Country/Region (2020-2025)
4.2.1 Global Automotive-grade SPAD Chip Annual Sales by Country/Region (2020-2025)
4.2.2 Global Automotive-grade SPAD Chip Annual Revenue by Country/Region (2020-2025)
4.3 Americas Automotive-grade SPAD Chip Sales Growth
4.4 APAC Automotive-grade SPAD Chip Sales Growth

+357 96 030922
info@marketpublishers.com

4.5 Europe Automotive-grade SPAD Chip Sales Growth
4.6 Middle East & Africa Automotive-grade SPAD Chip Sales Growth

5 AMERICAS

5.1 Americas Automotive-grade SPAD Chip Sales by Country
  5.1.1 Americas Automotive-grade SPAD Chip Sales by Country (2020-2025)
  5.1.2 Americas Automotive-grade SPAD Chip Revenue by Country (2020-2025)
5.2 Americas Automotive-grade SPAD Chip Sales by Type (2020-2025)
5.3 Americas Automotive-grade SPAD Chip Sales by Application (2020-2025)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Automotive-grade SPAD Chip Sales by Region
  6.1.1 APAC Automotive-grade SPAD Chip Sales by Region (2020-2025)
  6.1.2 APAC Automotive-grade SPAD Chip Revenue by Region (2020-2025)
6.2 APAC Automotive-grade SPAD Chip Sales by Type (2020-2025)
6.3 APAC Automotive-grade SPAD Chip Sales by Application (2020-2025)
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-grade SPAD Chip by Country
  7.1.1 Europe Automotive-grade SPAD Chip Sales by Country (2020-2025)
  7.1.2 Europe Automotive-grade SPAD Chip Revenue by Country (2020-2025)
7.2 Europe Automotive-grade SPAD Chip Sales by Type (2020-2025)
7.3 Europe Automotive-grade SPAD Chip Sales by Application (2020-2025)
7.4 Germany
7.5 France

+357 96 030922
info@marketpublishers.com

7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Automotive-grade SPAD Chip by Country
  8.1.1 Middle East & Africa Automotive-grade SPAD Chip Sales by Country (2020-2025)
  8.1.2 Middle East & Africa Automotive-grade SPAD Chip Revenue by Country (2020-2025)
8.2 Middle East & Africa Automotive-grade SPAD Chip Sales by Type (2020-2025)
8.3 Middle East & Africa Automotive-grade SPAD Chip Sales by Application (2020-2025)
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-grade SPAD Chip
10.3 Manufacturing Process Analysis of Automotive-grade SPAD Chip
10.4 Industry Chain Structure of Automotive-grade SPAD Chip

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Automotive-grade SPAD Chip Distributors

+357 96 030922
info@marketpublishers.com

11.3 Automotive-grade SPAD Chip Customer

12 WORLD FORECAST REVIEW FOR AUTOMOTIVE-GRADE SPAD CHIP BY GEOGRAPHIC REGION

12.1 Global Automotive-grade SPAD Chip Market Size Forecast by Region
  12.1.1 Global Automotive-grade SPAD Chip Forecast by Region (2026-2031)
  12.1.2 Global Automotive-grade SPAD Chip Annual Revenue Forecast by Region (2026-2031)
12.2 Americas Forecast by Country (2026-2031)
12.3 APAC Forecast by Region (2026-2031)
12.4 Europe Forecast by Country (2026-2031)
12.5 Middle East & Africa Forecast by Country (2026-2031)
12.6 Global Automotive-grade SPAD Chip Forecast by Type (2026-2031)
12.7 Global Automotive-grade SPAD Chip Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Onsemi
  13.1.1 Onsemi Company Information
  13.1.2 Onsemi Automotive-grade SPAD Chip Product Portfolios and Specifications
  13.1.3 Onsemi Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
  13.1.4 Onsemi Main Business Overview
  13.1.5 Onsemi Latest Developments
13.2 Sony Semiconductor Solutions Corporation
  13.2.1 Sony Semiconductor Solutions Corporation Company Information
  13.2.2 Sony Semiconductor Solutions Corporation Automotive-grade SPAD Chip Product Portfolios and Specifications
  13.2.3 Sony Semiconductor Solutions Corporation Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
  13.2.4 Sony Semiconductor Solutions Corporation Main Business Overview
  13.2.5 Sony Semiconductor Solutions Corporation Latest Developments
13.3 STMicroelectronics
  13.3.1 STMicroelectronics Company Information
  13.3.2 STMicroelectronics Automotive-grade SPAD Chip Product Portfolios and Specifications
  13.3.3 STMicroelectronics Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)

+357 96 030922
info@marketpublishers.com

13.3.4 STMicroelectronics Main Business Overview
13.3.5 STMicroelectronics Latest Developments
13.4 Hamamatsu Photonics
13.4.1 Hamamatsu Photonics Company Information
13.4.2 Hamamatsu Photonics Automotive-grade SPAD Chip Product Portfolios and Specifications
13.4.3 Hamamatsu Photonics Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.4.4 Hamamatsu Photonics Main Business Overview
13.4.5 Hamamatsu Photonics Latest Developments
13.5 AMS OSRAM
13.5.1 AMS OSRAM Company Information
13.5.2 AMS OSRAM Automotive-grade SPAD Chip Product Portfolios and Specifications
13.5.3 AMS OSRAM Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.5.4 AMS OSRAM Main Business Overview
13.5.5 AMS OSRAM Latest Developments
13.6 Adaps Photonics
13.6.1 Adaps Photonics Company Information
13.6.2 Adaps Photonics Automotive-grade SPAD Chip Product Portfolios and Specifications
13.6.3 Adaps Photonics Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.6.4 Adaps Photonics Main Business Overview
13.6.5 Adaps Photonics Latest Developments
13.7 Sophoton
13.7.1 Sophoton Company Information
13.7.2 Sophoton Automotive-grade SPAD Chip Product Portfolios and Specifications
13.7.3 Sophoton Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.7.4 Sophoton Main Business Overview
13.7.5 Sophoton Latest Developments
13.8 Evisionics
13.8.1 Evisionics Company Information
13.8.2 Evisionics Automotive-grade SPAD Chip Product Portfolios and Specifications
13.8.3 Evisionics Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.8.4 Evisionics Main Business Overview

+357 96 030922
info@marketpublishers.com

13.8.5 Evisionics Latest Developments
13.9 Fortsense
13.9.1 Fortsense Company Information
13.9.2 Fortsense Automotive-grade SPAD Chip Product Portfolios and Specifications
13.9.3 Fortsense Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.9.4 Fortsense Main Business Overview
13.9.5 Fortsense Latest Developments
13.10 Orbbec
13.10.1 Orbbec Company Information
13.10.2 Orbbec Automotive-grade SPAD Chip Product Portfolios and Specifications
13.10.3 Orbbec Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.10.4 Orbbec Main Business Overview
13.10.5 Orbbec Latest Developments
13.11 RoboSense
13.11.1 RoboSense Company Information
13.11.2 RoboSense Automotive-grade SPAD Chip Product Portfolios and Specifications
13.11.3 RoboSense Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.11.4 RoboSense Main Business Overview
13.11.5 RoboSense Latest Developments
13.12 Hesai Technology
13.12.1 Hesai Technology Company Information
13.12.2 Hesai Technology Automotive-grade SPAD Chip Product Portfolios and Specifications
13.12.3 Hesai Technology Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.12.4 Hesai Technology Main Business Overview
13.12.5 Hesai Technology Latest Developments
13.13 Microparity
13.13.1 Microparity Company Information
13.13.2 Microparity Automotive-grade SPAD Chip Product Portfolios and Specifications
13.13.3 Microparity Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.13.4 Microparity Main Business Overview
13.13.5 Microparity Latest Developments

+357 96 030922
info@marketpublishers.com

13.14 Shitong (Shenzhen) Microelectronics Technology Co., Ltd.
13.14.1 Shitong (Shenzhen) Microelectronics Technology Co., Ltd. Company Information
13.14.2 Shitong (Shenzhen) Microelectronics Technology Co., Ltd. Automotive-grade SPAD Chip Product Portfolios and Specifications
13.14.3 Shitong (Shenzhen) Microelectronics Technology Co., Ltd. Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.14.4 Shitong (Shenzhen) Microelectronics Technology Co., Ltd. Main Business Overview
13.14.5 Shitong (Shenzhen) Microelectronics Technology Co., Ltd. Latest Developments
13.15 Xilight
13.15.1 Xilight Company Information
13.15.2 Xilight Automotive-grade SPAD Chip Product Portfolios and Specifications
13.15.3 Xilight Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.15.4 Xilight Main Business Overview
13.15.5 Xilight Latest Developments
13.16 PolarisIC
13.16.1 PolarisIC Company Information
13.16.2 PolarisIC Automotive-grade SPAD Chip Product Portfolios and Specifications
13.16.3 PolarisIC Automotive-grade SPAD Chip Sales, Revenue, Price and Gross Margin (2020-2025)
13.16.4 PolarisIC Main Business Overview
13.16.5 PolarisIC Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Automotive-grade SPAD Chip Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & ($ millions)
Table 2. Automotive-grade SPAD Chip Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & ($ millions)
Table 3. Major Players of Linear Array SPAD Chip
Table 4. Major Players of Area Array SPAD Chip
Table 5. Global Automotive-grade SPAD Chip Sales by Type (2020-2025) & (K Units)
Table 6. Global Automotive-grade SPAD Chip Sales Market Share by Type (2020-2025)
Table 7. Global Automotive-grade SPAD Chip Revenue by Type (2020-2025) & ($ million)
Table 8. Global Automotive-grade SPAD Chip Revenue Market Share by Type (2020-2025)
Table 9. Global Automotive-grade SPAD Chip Sale Price by Type (2020-2025) & (US$/Unit)
Table 10. Global Automotive-grade SPAD Chip Sale by Application (2020-2025) & (K Units)
Table 11. Global Automotive-grade SPAD Chip Sale Market Share by Application (2020-2025)
Table 12. Global Automotive-grade SPAD Chip Revenue by Application (2020-2025) & ($ million)
Table 13. Global Automotive-grade SPAD Chip Revenue Market Share by Application (2020-2025)
Table 14. Global Automotive-grade SPAD Chip Sale Price by Application (2020-2025) & (US$/Unit)
Table 15. Global Automotive-grade SPAD Chip Sales by Company (2020-2025) & (K Units)
Table 16. Global Automotive-grade SPAD Chip Sales Market Share by Company (2020-2025)
Table 17. Global Automotive-grade SPAD Chip Revenue by Company (2020-2025) & ($ millions)
Table 18. Global Automotive-grade SPAD Chip Revenue Market Share by Company (2020-2025)
Table 19. Global Automotive-grade SPAD Chip Sale Price by Company (2020-2025) & (US$/Unit)
Table 20. Key Manufacturers Automotive-grade SPAD Chip Producing Area Distribution

+357 96 030922
info@marketpublishers.com

and Sales Area
Table 21. Players Automotive-grade SPAD Chip Products Offered
Table 22. Automotive-grade SPAD Chip Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
Table 23. New Products and Potential Entrants
Table 24. Market M&A Activity & Strategy
Table 25. Global Automotive-grade SPAD Chip Sales by Geographic Region (2020-2025) & (K Units)
Table 26. Global Automotive-grade SPAD Chip Sales Market Share Geographic Region (2020-2025)
Table 27. Global Automotive-grade SPAD Chip Revenue by Geographic Region (2020-2025) & ($ millions)
Table 28. Global Automotive-grade SPAD Chip Revenue Market Share by Geographic Region (2020-2025)
Table 29. Global Automotive-grade SPAD Chip Sales by Country/Region (2020-2025) & (K Units)
Table 30. Global Automotive-grade SPAD Chip Sales Market Share by Country/Region (2020-2025)
Table 31. Global Automotive-grade SPAD Chip Revenue by Country/Region (2020-2025) & ($ millions)
Table 32. Global Automotive-grade SPAD Chip Revenue Market Share by Country/Region (2020-2025)
Table 33. Americas Automotive-grade SPAD Chip Sales by Country (2020-2025) & (K Units)
Table 34. Americas Automotive-grade SPAD Chip Sales Market Share by Country (2020-2025)
Table 35. Americas Automotive-grade SPAD Chip Revenue by Country (2020-2025) & ($ millions)
Table 36. Americas Automotive-grade SPAD Chip Sales by Type (2020-2025) & (K Units)
Table 37. Americas Automotive-grade SPAD Chip Sales by Application (2020-2025) & (K Units)
Table 38. APAC Automotive-grade SPAD Chip Sales by Region (2020-2025) & (K Units)
Table 39. APAC Automotive-grade SPAD Chip Sales Market Share by Region (2020-2025)
Table 40. APAC Automotive-grade SPAD Chip Revenue by Region (2020-2025) & ($ millions)
Table 41. APAC Automotive-grade SPAD Chip Sales by Type (2020-2025) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 42. APAC Automotive-grade SPAD Chip Sales by Application (2020-2025) & (K Units)
Table 43. Europe Automotive-grade SPAD Chip Sales by Country (2020-2025) & (K Units)
Table 44. Europe Automotive-grade SPAD Chip Revenue by Country (2020-2025) & ($ millions)
Table 45. Europe Automotive-grade SPAD Chip Sales by Type (2020-2025) & (K Units)
Table 46. Europe Automotive-grade SPAD Chip Sales by Application (2020-2025) & (K Units)
Table 47. Middle East & Africa Automotive-grade SPAD Chip Sales by Country (2020-2025) & (K Units)
Table 48. Middle East & Africa Automotive-grade SPAD Chip Revenue Market Share by Country (2020-2025)
Table 49. Middle East & Africa Automotive-grade SPAD Chip Sales by Type (2020-2025) & (K Units)
Table 50. Middle East & Africa Automotive-grade SPAD Chip Sales by Application (2020-2025) & (K Units)
Table 51. Key Market Drivers & Growth Opportunities of Automotive-grade SPAD Chip
Table 52. Key Market Challenges & Risks of Automotive-grade SPAD Chip
Table 53. Key Industry Trends of Automotive-grade SPAD Chip
Table 54. Automotive-grade SPAD Chip Raw Material
Table 55. Key Suppliers of Raw Materials
Table 56. Automotive-grade SPAD Chip Distributors List
Table 57. Automotive-grade SPAD Chip Customer List
Table 58. Global Automotive-grade SPAD Chip Sales Forecast by Region (2026-2031) & (K Units)
Table 59. Global Automotive-grade SPAD Chip Revenue Forecast by Region (2026-2031) & ($ millions)
Table 60. Americas Automotive-grade SPAD Chip Sales Forecast by Country (2026-2031) & (K Units)
Table 61. Americas Automotive-grade SPAD Chip Annual Revenue Forecast by Country (2026-2031) & ($ millions)
Table 62. APAC Automotive-grade SPAD Chip Sales Forecast by Region (2026-2031) & (K Units)
Table 63. APAC Automotive-grade SPAD Chip Annual Revenue Forecast by Region (2026-2031) & ($ millions)
Table 64. Europe Automotive-grade SPAD Chip Sales Forecast by Country (2026-2031) & (K Units)
Table 65. Europe Automotive-grade SPAD Chip Revenue Forecast by Country

+357 96 030922
info@marketpublishers.com

(2026-2031) & ($ millions)
Table 66. Middle East & Africa Automotive-grade SPAD Chip Sales Forecast by Country (2026-2031) & (K Units)
Table 67. Middle East & Africa Automotive-grade SPAD Chip Revenue Forecast by Country (2026-2031) & ($ millions)
Table 68. Global Automotive-grade SPAD Chip Sales Forecast by Type (2026-2031) & (K Units)
Table 69. Global Automotive-grade SPAD Chip Revenue Forecast by Type (2026-2031) & ($ millions)
Table 70. Global Automotive-grade SPAD Chip Sales Forecast by Application (2026-2031) & (K Units)
Table 71. Global Automotive-grade SPAD Chip Revenue Forecast by Application (2026-2031) & ($ millions)
Table 72. Onsemi Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 73. Onsemi Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 74. Onsemi Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 75. Onsemi Main Business
Table 76. Onsemi Latest Developments
Table 77. Sony Semiconductor Solutions Corporation Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 78. Sony Semiconductor Solutions Corporation Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 79. Sony Semiconductor Solutions Corporation Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 80. Sony Semiconductor Solutions Corporation Main Business
Table 81. Sony Semiconductor Solutions Corporation Latest Developments
Table 82. STMicroelectronics Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 83. STMicroelectronics Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 84. STMicroelectronics Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 85. STMicroelectronics Main Business
Table 86. STMicroelectronics Latest Developments
Table 87. Hamamatsu Photonics Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 88. Hamamatsu Photonics Automotive-grade SPAD Chip Product Portfolios and

+357 96 030922
info@marketpublishers.com

Specifications
Table 89. Hamamatsu Photonics Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 90. Hamamatsu Photonics Main Business
Table 91. Hamamatsu Photonics Latest Developments
Table 92. AMS OSRAM Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 93. AMS OSRAM Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 94. AMS OSRAM Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 95. AMS OSRAM Main Business
Table 96. AMS OSRAM Latest Developments
Table 97. Adaps Photonics Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 98. Adaps Photonics Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 99. Adaps Photonics Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 100. Adaps Photonics Main Business
Table 101. Adaps Photonics Latest Developments
Table 102. Sophoton Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 103. Sophoton Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 104. Sophoton Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 105. Sophoton Main Business
Table 106. Sophoton Latest Developments
Table 107. Evisionics Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 108. Evisionics Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 109. Evisionics Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 110. Evisionics Main Business
Table 111. Evisionics Latest Developments
Table 112. Fortsense Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors

+357 96 030922
info@marketpublishers.com

Table 113. Fortsense Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 114. Fortsense Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 115. Fortsense Main Business
Table 116. Fortsense Latest Developments
Table 117. Orbbec Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 118. Orbbec Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 119. Orbbec Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 120. Orbbec Main Business
Table 121. Orbbec Latest Developments
Table 122. RoboSense Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 123. RoboSense Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 124. RoboSense Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 125. RoboSense Main Business
Table 126. RoboSense Latest Developments
Table 127. Hesai Technology Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 128. Hesai Technology Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 129. Hesai Technology Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 130. Hesai Technology Main Business
Table 131. Hesai Technology Latest Developments
Table 132. Microparity Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 133. Microparity Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 134. Microparity Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 135. Microparity Main Business
Table 136. Microparity Latest Developments
Table 137. Shitong (Shenzhen) Microelectronics Technology Co., Ltd. Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its

+357 96 030922
info@marketpublishers.com

Competitors
Table 138. Shitong (Shenzhen) Microelectronics Technology Co., Ltd. Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 139. Shitong (Shenzhen) Microelectronics Technology Co., Ltd. Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 140. Shitong (Shenzhen) Microelectronics Technology Co., Ltd. Main Business
Table 141. Shitong (Shenzhen) Microelectronics Technology Co., Ltd. Latest Developments
Table 142. Xilight Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 143. Xilight Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 144. Xilight Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 145. Xilight Main Business
Table 146. Xilight Latest Developments
Table 147. PolarisIC Basic Information, Automotive-grade SPAD Chip Manufacturing Base, Sales Area and Its Competitors
Table 148. PolarisIC Automotive-grade SPAD Chip Product Portfolios and Specifications
Table 149. PolarisIC Automotive-grade SPAD Chip Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 150. PolarisIC Main Business
Table 151. PolarisIC Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Automotive-grade SPAD Chip
Figure 2. Automotive-grade SPAD Chip Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Automotive-grade SPAD Chip Sales Growth Rate 2020-2031 (K Units)
Figure 7. Global Automotive-grade SPAD Chip Revenue Growth Rate 2020-2031 ($ millions)
Figure 8. Automotive-grade SPAD Chip Sales by Geographic Region (2020, 2024 & 2031) & ($ millions)
Figure 9. Automotive-grade SPAD Chip Sales Market Share by Country/Region (2024)
Figure 10. Automotive-grade SPAD Chip Sales Market Share by Country/Region (2020, 2024 & 2031)
Figure 11. Product Picture of Linear Array SPAD Chip
Figure 12. Product Picture of Area Array SPAD Chip
Figure 13. Global Automotive-grade SPAD Chip Sales Market Share by Type in 2025
Figure 14. Global Automotive-grade SPAD Chip Revenue Market Share by Type (2020-2025)
Figure 15. Automotive-grade SPAD Chip Consumed in Unmanned Passenger Vehicle
Figure 16. Global Automotive-grade SPAD Chip Market: Unmanned Passenger Vehicle (2020-2025) & (K Units)
Figure 17. Automotive-grade SPAD Chip Consumed in Low-speed Unmanned Vehicle
Figure 18. Global Automotive-grade SPAD Chip Market: Low-speed Unmanned Vehicle (2020-2025) & (K Units)
Figure 19. Automotive-grade SPAD Chip Consumed in Other
Figure 20. Global Automotive-grade SPAD Chip Market: Other (2020-2025) & (K Units)
Figure 21. Global Automotive-grade SPAD Chip Sale Market Share by Application (2024)
Figure 22. Global Automotive-grade SPAD Chip Revenue Market Share by Application in 2025
Figure 23. Automotive-grade SPAD Chip Sales by Company in 2025 (K Units)
Figure 24. Global Automotive-grade SPAD Chip Sales Market Share by Company in 2025
Figure 25. Automotive-grade SPAD Chip Revenue by Company in 2025 ($ millions)
Figure 26. Global Automotive-grade SPAD Chip Revenue Market Share by Company in

+357 96 030922
info@marketpublishers.com

2025
Figure 27. Global Automotive-grade SPAD Chip Sales Market Share by Geographic Region (2020-2025)
Figure 28. Global Automotive-grade SPAD Chip Revenue Market Share by Geographic Region in 2025
Figure 29. Americas Automotive-grade SPAD Chip Sales 2020-2025 (K Units)
Figure 30. Americas Automotive-grade SPAD Chip Revenue 2020-2025 ($ millions)
Figure 31. APAC Automotive-grade SPAD Chip Sales 2020-2025 (K Units)
Figure 32. APAC Automotive-grade SPAD Chip Revenue 2020-2025 ($ millions)
Figure 33. Europe Automotive-grade SPAD Chip Sales 2020-2025 (K Units)
Figure 34. Europe Automotive-grade SPAD Chip Revenue 2020-2025 ($ millions)
Figure 35. Middle East & Africa Automotive-grade SPAD Chip Sales 2020-2025 (K Units)
Figure 36. Middle East & Africa Automotive-grade SPAD Chip Revenue 2020-2025 ($ millions)
Figure 37. Americas Automotive-grade SPAD Chip Sales Market Share by Country in 2025
Figure 38. Americas Automotive-grade SPAD Chip Revenue Market Share by Country (2020-2025)
Figure 39. Americas Automotive-grade SPAD Chip Sales Market Share by Type (2020-2025)
Figure 40. Americas Automotive-grade SPAD Chip Sales Market Share by Application (2020-2025)
Figure 41. United States Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 42. Canada Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 43. Mexico Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 44. Brazil Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 45. APAC Automotive-grade SPAD Chip Sales Market Share by Region in 2025
Figure 46. APAC Automotive-grade SPAD Chip Revenue Market Share by Region (2020-2025)
Figure 47. APAC Automotive-grade SPAD Chip Sales Market Share by Type (2020-2025)
Figure 48. APAC Automotive-grade SPAD Chip Sales Market Share by Application (2020-2025)
Figure 49. China Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 50. Japan Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 51. South Korea Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 52. Southeast Asia Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 53. India Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 54. Australia Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 55. China Taiwan Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 56. Europe Automotive-grade SPAD Chip Sales Market Share by Country in 2025
Figure 57. Europe Automotive-grade SPAD Chip Revenue Market Share by Country (2020-2025)
Figure 58. Europe Automotive-grade SPAD Chip Sales Market Share by Type (2020-2025)
Figure 59. Europe Automotive-grade SPAD Chip Sales Market Share by Application (2020-2025)
Figure 60. Germany Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 61. France Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 62. UK Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 63. Italy Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 64. Russia Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 65. Middle East & Africa Automotive-grade SPAD Chip Sales Market Share by Country (2020-2025)
Figure 66. Middle East & Africa Automotive-grade SPAD Chip Sales Market Share by Type (2020-2025)
Figure 67. Middle East & Africa Automotive-grade SPAD Chip Sales Market Share by Application (2020-2025)
Figure 68. Egypt Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 69. South Africa Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 70. Israel Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 71. Turkey Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)
Figure 72. GCC Countries Automotive-grade SPAD Chip Revenue Growth 2020-2025 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 73. Manufacturing Cost Structure Analysis of Automotive-grade SPAD Chip in 2025
Figure 74. Manufacturing Process Analysis of Automotive-grade SPAD Chip
Figure 75. Industry Chain Structure of Automotive-grade SPAD Chip
Figure 76. Channels of Distribution
Figure 77. Global Automotive-grade SPAD Chip Sales Market Forecast by Region (2026-2031)
Figure 78. Global Automotive-grade SPAD Chip Revenue Market Share Forecast by Region (2026-2031)
Figure 79. Global Automotive-grade SPAD Chip Sales Market Share Forecast by Type (2026-2031)
Figure 80. Global Automotive-grade SPAD Chip Revenue Market Share Forecast by Type (2026-2031)
Figure 81. Global Automotive-grade SPAD Chip Sales Market Share Forecast by Application (2026-2031)
Figure 82. Global Automotive-grade SPAD Chip Revenue Market Share Forecast by Application (2026-2031)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Automotive-grade SPAD Chip Market Growth 2025-2031

Product link: https://marketpublishers.com/r/GDF764D5B911EN.html

Price: US$ 3,660.00 (Single User License / Electronic Delivery)

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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GDF764D5B911EN.html