

# Global Automotive Grade Semiconductors Market Growth (Status and Outlook) 2024-2030

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## Abstracts

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'Automotive-grade semiconductors' usually refer to semiconductor devices that comply with relevant standards and requirements of the automotive industry. As automotive electronic systems become increasingly complex and popular, automotive manufacturers have increasingly higher requirements for the quality, reliability, durability and safety of electronic components. Therefore, the automotive industry has a series of standards and requirements for semiconductor devices used in vehicle internal electronic systems to ensure that they meet the special needs and environmental conditions of the automotive industry.

The global Automotive Grade Semiconductors market size is projected to grow from US\$ 3913 million in 2024 to US\$ 7075 million in 2030; it is expected to grow at a CAGR of 10.4% from 2024 to 2030.

LPI (LP Information)' newest research report, the "Automotive Grade Semiconductors Industry Forecast" looks at past sales and reviews total world Automotive Grade Semiconductors sales in 2022, providing a comprehensive analysis by region and market sector of projected Automotive Grade Semiconductors sales for 2023 through 2029. With Automotive Grade Semiconductors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive Grade Semiconductors industry.

This Insight Report provides a comprehensive analysis of the global Automotive Grade Semiconductors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity.

This report also analyses the strategies of leading global companies with a focus on Automotive Grade Semiconductors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Grade Semiconductors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Grade Semiconductors 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 Semiconductors.

United States market for Automotive Grade Semiconductors is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Automotive Grade Semiconductors is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Automotive Grade Semiconductors is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Automotive Grade Semiconductors players cover Infineon Technologies, STMicroelectronics, NXP, Renesas Electronics, Texas Instruments, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Grade Semiconductors market by product type, application, key players and key regions and countries.

Segmentation by Type:

Master Control Semiconductor

Power Semiconductor

storage Semiconductor

Communication Semiconductor

Sensing Semiconductor

Segmentation by Application:

Commercial Vehicles

Passenger Car

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

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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.

Infineon Technologies

STMicroelectronics

NXP

Renesas Electronics

Texas Instruments

SemiDrive

AutoChips

Wingtech Technology

ON Semiconductor

Microchip Technology

Micron Technology

Samsung Electronics

SK Hynix Semiconductor

Winbond Electronics

Western Digital

Kioxia

GigaDevice

ISSI

Analog Devices

Nanya Technology

Horizon

STARPOWER

TI

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