

# **Analog IC for Automotive Market: Trends, Opportunities and Competitive Analysis [2023-2028]**

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## **Abstracts**

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### **Analog IC for Automotive Market Trends and Forecast**

The future of the global analog IC for automotive market looks promising with opportunities in ADAS, in-vehicle networking, engine management, and transmission control system applications. The global analog IC for automotive market is expected to reach an estimated \$12.4 billion by 2028 with a CAGR of 7.1% from 2023 to 2028. The major drivers for this market are introduction of advanced fabrication techniques, growing number of self-driving cars, and rising use of electronics in navigation, vehicular handling, power management, powertrain controls, entertainment, and safety systems.

### **Analog IC for Automotive Market by Type, and Application**

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below.

### **Analog IC for Automotive Market by Segments**

### **Analog IC for Automotive Market by Segment**

The study includes trends and forecast for analog IC in the global automotive market by type, application, and region, as follows:

**Analog IC in Automotive Market by Type [Value (\$B) Shipment Analysis from 2017 to 2028]:**

General Purpose IC

Application Specific IC

Analog IC in Automotive Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

ADAS

In-Vehicle Networking

Engine Management

Transmission Control System

Others

Analog IC in Automotive Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Analog IC for Automotive Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, analog IC companies in the global automotive market cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the analog IC companies in the global automotive market profiled in this report include-

Infineon Technologies

Microchip Technology

NXP Semiconductor

Qualcomm Inc.

Richtek Technology

Skywork Solutions

STMicroelectronics

Taiwan Semiconductor Co.

Texas Instruments

Analog IC for Automotive Market Insights

Lucintel forecasts that general purpose IC will remain the largest segment over the forecast period as it helps in transferring the information in a very short time while facilitating immediate response and thereby ensuring the safety of the passengers as well as the pedestrians.

Within this market, ADAS is anticipated to record the highest growth segment due to the introduction of stringent government regulations, which have mandated the compulsory incorporation of features, such as automatic braking and lane departure warning globally.

APAC is expected to witness the highest growth during the forecast period due to rapid infrastructure development to enhance road safety, introduction of road safety norms by governments, and growing demand for electric vehicles in countries, like China and India.

Features of the Analog IC for Automotive Market

Market Size Estimates: Analog IC for automotive market size estimation in terms of value (\$B)

**Trend and Forecast Analysis:** Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

**Segmentation Analysis:** Analog IC for automotive market size by various segments, such as type, application, and region

**Regional Analysis:** Analog IC for automotive market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different types, applications, and regions for the analog IC for automotive market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for analog IC in the automotive market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

## FAQ

**Q1. What is the analog IC for automotive market size?**

**Answer:** The global automotive market in terms of analog IC usage is expected to reach an estimated \$12.4 billion by 2028.

**Q2. What is the growth forecast for analog IC in the automotive market?**

**Answer:** The global automotive market in terms of analog IC usage is expected to grow with a CAGR of 7.1% from 2023 to 2028.

**Q3. What are the major drivers influencing the growth of analog IC in the global automotive market?**

**Answer:** The major drivers for this market are introduction of advanced fabrication techniques, growing number of self-driving cars, and rising use of electronics in navigation, vehicular handling, power management, powertrain controls, entertainment, and safety systems.

**Q4. What are the major segments for analog IC for automotive market?**

Answer: The future of analog IC in the global automotive market looks promising with opportunities in ADAS, in-vehicle networking, engine management, and transmission control system applications.

Q5. Who is the key analog IC for automotive companies?

Answer: Some of the key analog IC for automotive companies are as follows:

Infineon Technologies

Microchip Technology

NXP Semiconductor

Qualcomm Inc

Richtek Technology

Skywork Solutions

STMicroelectronics

Taiwan Semiconductor Co.

Texas Instruments

Q6. Which segment in the global automotive market in terms of analog IC usage will be the largest in future?

Answer: Lucintel forecasts that general purpose IC will remain the largest segment over the forecast period as it helps in transferring the information in a very short time while facilitating immediate response and thereby ensuring the safety of the passengers as well as the pedestrians.

Q7. In the automotive market in terms of analog IC usage, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness the highest growth during the forecast period due

to rapid infrastructure development to enhance road safety, introduction of road safety norms by governments, and growing demand for electric vehicles in countries, like China and India.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the analog IC automotive market by type (general purpose IC and application specific IC), application (ADAS, in-vehicle networking, engine management, and transmission control system), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity did occur in the last five years and how did they impact the industry?

For any questions related to analog IC for automotive market or related analog IC for automotive companies, analog IC for automotive market size, analog IC for automotive market share, analog IC for automotive analysis, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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