Growth Opportunities in the Global Automotive Semiconductor Market

Description: Trends, opportunities and forecast in this market to 2022 by component type (Microcontrollers, Integrated Circuits, Sensors, Discrete power, and Others), vehicle type (Small Cars, Compact Cars, Mid-Size Cars, Large Cars, SUVs and Crossovers, MPVs, Pickups, HCV, and Sports/Unclassified), application type (Powertrain, Chassis, Safety, Networking/Communication, Body Electronics, and Driver Information Systems), fuel type (Diesel, Gasoline, and Others) and region (North America, Europe, Asia Pacific and Rest of the World)

The future of the global automotive semiconductor market looks good with opportunities in the passenger car and commercial vehicle segments. The global automotive semiconductor market is expected to reach an estimated $45.9 billion by 2022 and it is forecast to grow at a CAGR of 6.4% from 2017 to 2022. The major drivers of growth for this market are increasing vehicle production, increasing semiconductor content per vehicle, growing demand for advanced vehicle safety and comfort systems, and growing government regulations regarding CO2 emissions.

Emerging trends, which have a direct impact on the dynamics of the industry, include the introduction of high efficiency power semiconductors and development of smaller single-chips for radar sensors.

A total of 145 figures / charts and 121 tables are provided in this 249-page report to help in your business decisions.

The study includes a forecast for the global automotive semiconductor market by component type, vehicle type, application type, fuel type and region, as follows:

Automotive semiconductor market by component type ($ Million from 2011 to 2022):
- Microcontrollers
- Integrated Circuits
- Sensors
- Discrete Power
- Others

Automotive semiconductor market by vehicle type ($ Million from 2011 to 2022):
- Small Cars
- Compact Cars
- Mid-Size Cars
- Large Cars
- SUV& Crossover
- MPV
- Pickup
- HCV
- Sports/Unclassified Vehicles

Automotive semiconductor market by application type ($ Million from 2011 to 2022):
- Powertrain
- Chassis
- Safety
- Networking/Communication
- Body Electronics
- Driver Information Systems

Automotive semiconductor market by Fuel type ($ Million from 2011 to 2022):
- Diesel
- Gasoline
- Others
Automotive semiconductor market by region ($ million from 2011 to 2022):

- North America
- Europe
- Asia Pacific
- Rest of the World

Automotive semiconductor companies profiled in this market report include NXP semiconductor N.V, Infineon Technologies AG, Renesas Electronics Corporations, ST Microelectronics, and Texas Instruments Incorporated. Several of these companies are seeking mergers and acquisitions as strategic initiatives to drive growth.

On the basis of our comprehensive research, the author forecasts that the sensor and discrete power segments are expected to show above average growth during the forecast period.

Within the global automotive semiconductor market, the integrated circuits segment is expected to remain the largest market. The integrated circuit is an essential component of electronic control units. The ICs interact with one another in the system and ensure movement, information, and safety, which would spur growth for this segment over the forecast period.

Asia Pacific is expected to remain the largest market due to high vehicle production, improvement in the economic conditions, and increasing investment by the industry players within the APAC region.

Some of the features of “Growth Opportunities in the Global Automotive Semiconductor Market 2017-2022: Trends, Forecast, and Opportunity Analysis” include:

- Market size estimates: Global automotive semiconductor market size estimation in terms of value ($M) shipment.
- Trend and forecast analysis: Market trend (2011-2016) and forecast (2017-2022) by region and segments.
- Segmentation analysis: Global automotive semiconductor market size by various applications such as component, vehicle, application, and fuel in terms of value shipment.
- Regional analysis: Global automotive semiconductor market breakdown by key regions such as North America, Europe, Asia Pacific, and Rest of the World.
- Growth opportunities: Analysis on growth opportunities in different applications and regions.
- Strategic analysis: This includes M&A, new product development, competitive landscape, and expansion strategies of global automotive semiconductor market suppliers.
- Analysis of competitive intensity of the industry based on Porter’s Five Forces model.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the automotive semiconductor market by component type (Microcontrollers, Integrated Circuits, Sensors, Discrete power, and Others), vehicle type (Small Cars, Compact Cars, Mid-Size Cars, Large Cars, SUVs and Crossovers, MPVs, Pickups, HCV, and Sports/ Unclassified), application type (Powertrain, Chassis, Safety, Networking/Communication, Body Electronics, and Driver Information Systems), fuel type (Diesel, Gasoline, and Others) 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 drivers, challenges and business risks in automotive semiconductor 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 reasons behind them?
Q.7. What are some of the changing demands of customers in automotive semiconductor 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 / product substitution?
Q.11. What M & A activity has occurred in the last 5 years and what is its impact on the industry?

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