

Global Automotive Semiconductors Industry Forecast (2010 – 2014)

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Abstracts

Report Description:

The automobile, as we know today, has evolved over the decades from being mostly a sum of heavy mechanical systems to having become an integration of mechanical systems and electronic controls. This has happened mainly due to the advent of semiconductor technology and its successful incorporation at various levels in the automobile that has been directed towards achieving higher performance levels and enhanced operating efficiencies from the vehicle. As semiconductor technology has evolved over the years, it has enabled manufactures of automobiles to piece together multiple applications on a single chip by cutting down the board area; thus optimizing performance. As a result, it is no surprise that one of the major drivers of the automotive industry over the years has been the rise of integrated electronics, and the advancements in the same can be seen to keep the automotive industry moving ahead in the coming years.

The automotive semiconductors market peaked in the year 2007 at \$20.0 billion. However, towards the last quarter of 2008, the industry saw a steep decline. The credit crisis in the U.S. and its subsequent effect on the automotive industry were reflected in the numbers for 2008 when the market revenue crossed \$18 billion. The market continued to fall through 2009, bottoming out at \$16.6 billion. With the effect of the U.S. government bailout of the auto majors, and partial recovery of European and Asian markets, the year 2010 saw a steep rise with the industry surpassing 2007 highs and moving upwards with \$22 billion. Barring any unforeseen crises, the upward trend is likely to continue in the light of increasing car sales across the world, and the market is expected to close to \$35 billion by 2014.

Scope of the report

This research report categorizes the global market for automotive semiconductors on the basis of applications, product types, and geography; forecasting revenues and analyzing trends in each of the following submarkets:

On the basis of applications:

- Powertrain
- Body Electronics and Chassis control
- Driver assistance
- Infotainment systems
- Aftermarket automotive semiconductors

On the basis of product types

- Discretes
- Optoelectronics
- Sensors
- Analog
- Logic
- Microcontrollers
- DSP
- Microprocessors and Memory

On the basis of geography

- Americas
- EMEA (Europe, Middle East and Africa)
- Asia-Pacific

Each section will provide market data, market drivers, trends and opportunities, top-selling products, key players, and competitive outlook. This report will also provide market tables for covering the sub-segments and micro-markets. In addition, the report provides more than 20 company profiles covering all the sub-segments.

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Comprehensive market analysis for the following sectors:

Pharmaceuticals, Medical Devices, Biotechnology, Semiconductor and Electronics, Energy and Power Supplies, Food and Beverages, Chemicals, Advanced Materials, Industrial Automation, and Telecom and IT. We also analyze retailers and super-retailers, technology providers, and research and development (R&D) companies.

Key questions answered

Which are the high-growth segments/cash cows and how is the market segmented in terms of applications and materials?

What are market estimates and forecasts; which markets are doing well and which are not?

Where are the gaps and opportunities; what is driving the market?

Which are the key playing fields? Which are the winning edge imperatives?

How is the competitive outlook; who are the main players in each of the segments; what are the key selling products; what are their strategic directives, operational strengths and product pipelines? Who is doing what?

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