

# Global Automotive Semiconductors for Battery Management Market Growth 2018-2023

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## **Abstracts**

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Automotive battery management system is an electronic device that monitors the operating state of the battery and it uses sensors to measure impedance, current, temperature, and voltage of the battery cell.

A battery management system (BMS) is any electronic system that manages a rechargeable battery (cell or battery pack), such as by protecting the battery from operating outside its safe operating area, monitoring its state, calculating secondary data, reporting that data, controlling its environment, authenticating it and / or balancing it.

According to this study, over the next five years the Automotive Semiconductors for Battery Management market will register a xx% CAGR in terms of revenue, the global market size will reach US\$ xx million by 2023, from US\$ xx million in 2017. In particular, this report presents the global market share (sales and revenue) of key companies in Automotive Semiconductors for Battery Management business, shared in Chapter 3.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Semiconductors for Battery Management market by product type, application, key manufacturers and key regions and countries.

This study considers the Automotive Semiconductors for Battery Management value and volume generated from the sales of the following segments:

Segmentation by product type: breakdown data from 2013 to 2018, in Section 2.3; and forecast to 2023 in section 11.7.



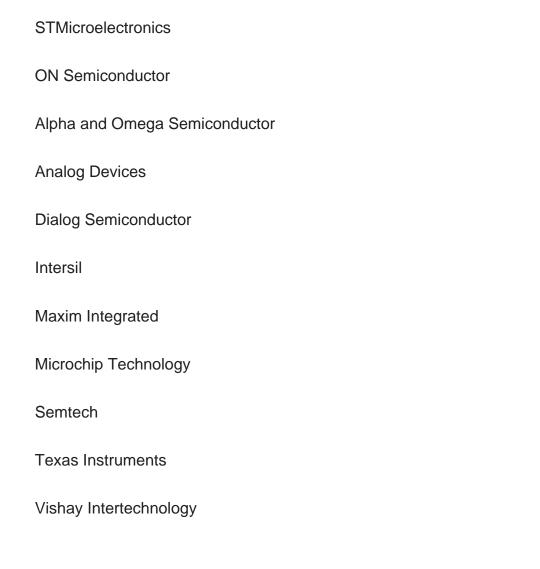
Cutoff FETs Semiconductors
Fuel Gauge Monitor Semiconductors
Cell Voltage Monitor Semiconductors
Cell Voltage Balance Semiconductors
Real Time Clock Semiconductors
Temperature Monitors Semiconductors
State Machine Semiconductors
Segmentation by application: breakdown data from 2013 to 2018, in Section 2.4; and forecast to 2023 in section 11.8.
Passenger Cars
Light Commercial Vehicles
Heavy Commercial Vehicles
This report also splits the market by region: Breakdown data in Chapter 4, 5, 6, 7 and 8.
Americas
United States
Canada
Mexico
Brazil
APAC



China
Japan
Korea
Southeast Asia
India
Australia
Europe
Germany
France
UK
Italy
Russia
Spain
Middle East & Africa
Egypt
South Africa
Israel
Turkey
GCC Countries



The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report: Breakdown data in Chapter 3.



In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### Research objectives

To study and analyze the global Automotive Semiconductors for Battery Management consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Automotive Semiconductors for Battery



Management market by identifying its various subsegments.

Focuses on the key global Automotive Semiconductors for Battery Management manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Automotive Semiconductors for Battery Management with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Automotive Semiconductors for Battery Management submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



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