

Hall Effect Sensor Market - Forecasts From 2018 to 2023

<https://marketpublishers.com/r/H9F6C1361B7EN.html>

Date: December 2018

Pages: 104

Price: US\$ 3,950.00 (Single User License)

ID: H9F6C1361B7EN

Abstracts

The Hall Effect Sensor market is projected to grow at a CAGR of 7.64% to reach US\$1622.185 million by 2023, from US\$1042.705 million in 2017. Hall effect sensor are small devices, programmed to conduct current at different voltages in response to presence of magnetic fields. They are used for speed and position detection, and in current sensing applications. The demand for hall effect sensors will grow during the forecast period on account of rising research and development expenditure on these sensors and their varied use across industry vertical including automotive, consumer electronics, medical, aerospace, and the likes. Asia Pacific region held a substantial share of the market because of high integration of these devices in different applications and the region will also see many growth opportunities due to rising production of consumer electronics and automotive in emerging economies like China, India, South Korea, among others.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations,

press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top-down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the hall effect sensor value chain. The last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the hall effect sensor market.

Major industry players profiled as part of the report are Electrohms Private Limited, Allegro MicroSystems, LLC, Asahi Kasei Microdevices Corporation, Infineon Technologies AG, STMicroelectronics, among others.

Segmentation

The hall effect sensor market has been analyzed through following segments:

By Type

Open Loop

Closed Loop

By Output

Analog

Digital

By End-User Industries

Automotive

Consumer Electronics

Aerospace and Defense

Telecommunication

Medical

By Geography

North America

USA

Canada

Mexico

Others

South America

Brazil

Argentina
Others
Europe
Germany
France
United Kingdom
Spain
Others
Middle East and Africa
Saudi Arabia
Israel
Others
Asia Pacific
China
Japan
South Korea
India
Others

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