

ZigBee Module Market - Forecasts from 2018 to 2023

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Abstracts

Zigbee module market is projected to witness a compound annual growth rate of 40.38% during the forecast period, reaching a total market size of US\$41.055 billion in 2023 from US\$5.365 billion in 2017. ZigBee is the wireless networking technology designed to address the unique needs of device-to-device communication. Based on IEEE 802.15.4, it operates in unlicensed bands. The basic motive of ZigBee is to carry small amounts of data over a mid-range distance. Consumer, business, and government users rely on different smart and easy-to-use ZigBee standards in order to gain control of everyday activities with its reliable wireless performance and battery operation. The market of the ZigBee module is increasing at high rates owing to the several benefits such as low power consumption, interoperable and highly secure. It has a reliable and robust construction and can be used globally as unlicensed bands are available to use anywhere around the world. Use of ZigBee in the variety of market including smart home, connected lighting, and others have successfully augmented the growth of the market in recent years.

Growing prevalence of IoT (Internet of Things) is providing a lot of opportunities for the market growth of ZigBee module. Furthermore, growing membership base of ZigBee Alliance coupled with the shift towards advanced metering infrastructure by government agencies and utilities will further propel the growth of ZigBee Module market in the forthcoming years. North America region accounts the largest and the fastest growing market for the ZigBee modules.

Research Methodology

The report provides a brief introduction of the market and deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segments which have been covered as part of the report. However, the threat of

competing technologies could pose a challenge to the growth of this market

Market Dynamics

The next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of ZigBee Module. Complete industry analysis has also been covered by Porter's five forces model as a part of this report section.

Segmentation

ZigBee module market has been segmented on the basis of types, application and geography as follows:

By Type

ZigBee Coordinator

ZigBee Router

ZigBee End Device

By Application

Industrial Automation

Home Automation

Smart Metering

Smart Grid Monitoring

By Geography

North America

US

Canada

Mexico

Others

South America

Brazil

Argentina

Others

Europe

United Kingdom

Germany

France

Italy

Spain

Others

Middle East and Africa

Saudi Arabia

UAE

Israel

Others

Asia Pacific

Japan

China

India

Australia

Others

Market Players

Competitive intelligence section deals with major players in the market, their market shares, growth strategies, products, financials, and recent investments among others. Key industry players profiled as part of this section are Atmel, Digi International, NXP Semiconductors, Renesas Electronics, Silicon Laboratories, STMicroelectronics, Texas Instruments, and Telink Semiconductor among others.

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