

# Global IoT Sensor Market Research and Forecast 2017-2022

<https://marketpublishers.com/r/G7E32AA34D7EN.html>

Date: August 2017

Pages: 0

Price: US\$ 3,600.00 (Single User License)

ID: G7E32AA34D7EN

## Abstracts

Internet of Things (IoT) is the interconnection of embedded computing like devices within the internet infrastructure. IoT is an emerging technology that is increasingly adopted across the globe. IoT related technologies like sensors, wearable, cloud and other related platform are much in demand. The IoT sensor Market is anticipated to grow at a significant CAGR of 30.4% during 2017-2022. The major factors that are augmenting the growth of the market are growing demand for smart devices and wearable and development of smarter and low priced sensor. Furthermore, rising demand for IoT sensors in various applications and miniaturization of devices are also estimated to be major factors that are fuelling the growth of the market.

IoT devices are computing devices that connects wirelessly to a network and has the ability to transmit data. These devices include thermostat, door locks, fridges, cars, pacemakers, smartphones, tablets, wearable watches and so forth. Growing demand for consumer electronics product such as smart phones, smart TV; smart home appliances are fueling the lot sensor market. Fitbit Aria WI-Fi smart scale, Withings Smart Body analyzer, Nest Thermostat, Philip hue light bulbs, Lockitron are some IoT innovations developed in recent years to improve everyday life. All these IoT applications require IoT sensor for monitoring processes, taking measurements and collecting data. Pressure sensor, temperature sensor, humidity sensor, gyroscope, magnetometer, accelerometer and light sensors are used extensively in various applications. The market of Micro-Electro-Mechanical (MEMS) based sensors such as accelerometers, magnetometers, gyroscopes is witnessing high growth due to rising demand for smart applications such as smart city, wearables, smart grids, industrial internet and connected health in automotive, healthcare and other industrial sectors. Security and privacy issues as well as lack of technological skills required to expertise in IoT technology are estimated to be the major constraints in the growth of the market.

## Geography Insights

Global IoT sensor market is analyzed on the basis of the geographical regions that are contributing significantly towards the growth of the market. On the basis of the geography, market is bifurcated into North America, Europe, Asia Pacific and Rest of the World. North America held the largest share followed by Europe in the Global IoT sensor market owing to high penetration of smart devices and rapid adoption of new technology. Asia Pacific is expected to be the fastest growing region in the IoT sensors owing to increasing demand of IoT sensors for use in smart consumer products and medical sector. The emergence of new players in the developing market such as Japan, India and China are expected to create significant opportunity for the IoT sensor market.

## Competitive Insights

Global IoT sensor market leaders include Arm holding PLC, Analog device Inc., Broadcom limited, Digi International Inc., Ericsson, Honeywell International Inc., IBM, Infineon, InvenSense Inc. and so forth. Other notable players that account for IoT sensor market and are contributing considerably in its growth include Libelium, NXP Semiconductor N.V., Omron Corporation, Robert Bosch GMBH, Sensirion, SmartThings Inc., STMicroelectronics, TE Connectivity Ltd., Texas Instruments Incorporated, Konux Inc., Fujitsu among others. In order to survive in the market these players adopt different marketing strategies such as merger, acquisitions, product launch, and geographical expansion so on. For example, in 2015 NYCE Sensors, Zigbee sensor partnered with Smart things for expanding user community and rapidly growing market for IoT. Moreover, in 2017, Bosch and IBM collaborated to bring industrial IoT capabilities to millions of devices across the globe.

## Market Segmentation

Global IoT sensor Market is segmented on the basis of type, network technology and by application. Based on application, the global IoT sensor market is segmented into healthcare, automotive, industrial, retail and consumer electronics. Out of all these, the consumer electronics segment is dominating the market owing to rising demand for consumer electronics such as smart TV, smart Phones and Smart home. Major segments of the global IoT sensor market include:

### IoT sensor market by type

IoT sensor market by network technology

IoT sensor market by application

The report covers:

Comprehensive research methodology of global IoT sensor market

In-depth analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the global IoT sensor market

Insights about market determinants which are stimulating the global IoT sensor market

Detailed and extensive market segments with regional distribution of researched revenues

Extensive profiles and recent developments of market players

## Contents

### REPORT SUMMARY

### RESEARCH METHODS AND TOOLS

#### 2.2. MARKET BREAKDOWN

- 2.2.1. BY SEGMENTS
- 2.2.2. BY GEOGRAPHY
- 2.2.3. BY STAKEHOLDERS

### MARKET OVERVIEW AND INSIGHTS

#### 3.1. DEFINITION

#### 3.2. ANALYST INSIGHT & CURRENT MARKET TRENDS

- 3.2.1. KEY FINDINGS
- 3.2.2. RECOMMENDATION
- 3.2.3. CONCLUSION

#### 3.3. REGULATIONS

- 3.3.1. UNITED STATES
- 3.3.2. EUROPEAN UNION
- 3.3.3. CHINA
- 3.3.4. INDIA
- 3.3.5. REST OF THE WORLD

#### 3.4. PATENT ANALYSIS

### MARKET DETERMINANT

#### 4.1. MOTIVATORS

- 4.1.1. GROWING DEMAND FOR SMART DEVICES AND WEARABLE
- 4.1.2. DEVELOPMENT OF SMARTER AND LOW PRIZED SENSORS
- 4.1.3. RISING DEMAND FOR IOT SENSORS IN VARIOUS APPLICATIONS
- 4.1.4. MINIATURIZATION OF DEVICES

#### 4.2. RESTRAINTS

- 4.2.1. SECURITY AND PRIVACY ISSUES
- 4.2.2. LACK OF TECHNOLOGICAL SKILLS

#### 4.3. OPPORTUNITIES

- 4.3.1. RISING ADOPTION OF IOT AMONG BUSINESSES
- 4.3.2. TECHNOLOGICAL ADVANCEMENT

## **MARKET SEGMENTATION**

### **5.1. IOT SENSOR MARKET BY TYPE**

- 5.1.1. PRESSURE SENSOR
- 5.1.2. HUMIDITY SENSOR
- 5.1.3. TEMPERATURE SENSOR
- 5.1.4. ACCELEROMETER
- 5.1.5. GYROSCOPE
- 5.1.6. MAGNETOMETER
- 5.1.7. LIGHT SENSOR
- 5.1.8. OTHER

### **5.2. IOT SENSOR MARKET BY NETWORK TECHNOLOGY**

- 5.2.1. WIRED TECHNOLOGY
- 5.2.2. WIRELESS TECHNOLOGY

### **5.3. IOT SENSOR MARKET BY APPLICATIONS**

- 5.3.1. CONSUMER ELECTRONICS
- 5.3.2. HEALTHCARE
- 5.3.3. AUTOMOTIVE
- 5.3.4. INDUSTRIAL
- 5.3.5. RETAILS
- 5.3.6. OTHERS

## **COMPETITIVE LANDSCAPE**

### **6.1. KEY STRATEGIES**

### **6.2. KEY COMPANY ANALYSIS**

## **REGIONAL ANALYSIS**

### **7.1. NORTH AMERICA**

- 7.1.1. UNITED STATES
- 7.1.2. CANADA
- 7.1.3. REST OF NORTH AMERICA

### **7.2. EUROPE**

- 7.2.1. UNITED KINGDOM
- 7.2.2. FRANCE
- 7.2.3. GERMANY
- 7.2.4. ITALY

- 7.2.5. SPAIN
- 7.2.6. REST OF EUROPE
- 7.3. ASIA PACIFIC
  - 7.3.1. INDIA
  - 7.3.2. CHINA
  - 7.3.3. JAPAN
- 7.4. REST OF THE WORLD

## **COMPANY PROFILES**

- 8.1. ARM HOLDINGS PLC.
  - 8.1.1. INTRODUCTION
  - 8.1.2. ARM HOLDING PLC. PRODUCT PORTFOLIO
  - 8.1.3. ARM HOLDING PLC. RECENT ACTIVITIES
- 8.2. ANALOG DEVICES, INC.
  - 8.2.1. INTRODUCTION
  - 8.2.2. ANALOG DEVICES INC. PRODUCT PORTFOLIO
  - 8.2.3. ANALOG DEVICES INC. RECENT ACTIVITIES
- 8.3. BROADCOM LIMITED
  - 8.3.1. INTRODUCTION
  - 8.3.2. BROADCOM LIMITED PRODUCT PORTFOLIO
  - 8.3.3. BROADCOM LIMITED RECENT ACTIVITIES
- 8.4. DIGI INTERNATIONAL INC
  - 8.4.1. INTRODUCTION
  - 8.4.2. DIGI INTERNATIONAL INC PRODUCT PORTFOLIO
  - 8.4.3. DIGI INTERNATIONAL INC RECENT ACTIVITIES
- 8.5. ERICSSON
  - 8.5.1. INTRODUCTION
  - 8.5.2. ERICSSON PRODUCT PORTFOLIO
  - 8.5.3. ERICSSON RECENT ACTIVITIES
- 8.6. HONEYWELL INTERNATIONAL INC
  - 8.6.1. INTRODUCTION
  - 8.6.2. HONEYWELL INTERNATIONAL INC PRODUCT PORTFOLIO
  - 8.6.3. HONEYWELL INTERNATIONAL INC. RECENT ACTIVITIES
- 8.7. IBM
  - 8.7.1. INTRODUCTION
  - 8.7.2. IBM PRODUCT PORTFOLIO
  - 8.7.3. IBM RECENT ACTIVITIES
- 8.8. INFINEON TECHNOLOGIES

- 8.8.1. INTRODUCTION
- 8.8.2. INFINEON TECHNOLOGIES PRODUCT PORTFOLIO
- 8.8.3. INFINEONTECHNOLOGIES RECENT ACTIVITIES
- 8.9. INVENSENSE INC.
  - 8.9.1. INTRODUCTION
  - 8.9.2. INVENSENSE INC. PRODUCT PORTFOLIO
  - 8.9.3. INVENSENSE INC. RECENT ACTIVITIES
- 8.10. LIBELIUM
  - 8.10.1. INTRODUCTION
  - 8.10.2. LIBELIUM PRODUCT PORTFOLIO
  - 8.10.3. LIBELIUM RECENT ACTIVITIES
- 8.11. NXP SEMICONDUCTORS N.V.
  - 8.11.1. INTRODUCTION
  - 8.11.2. NXP SEMICONDUCTOR N.V. PRODUCT PORTFOLIO
  - 8.11.3. NXP SEMICONDUCTOR N.V. RECENT ACTIVITIES
- 8.12. OMRON CORPORATION
  - 8.12.1. INTRODUCTION
  - 8.12.2. OMRON CORPORATIONPRODUCT PORTFOLIO
  - 8.12.3. OMRON CORPORATION RECENT ACTIVITIES
- 8.13. ROBERT BOSCH GMBH
  - 8.13.1. INTRODUCTION
  - 8.13.2. ROBERT BOSCH GMBH PRODUCT PORTFOLIO
  - 8.13.3. ROBERT BOSCH GMBH RECENT ACTIVITIES
- 8.14. SENSIRION AG
  - 8.14.1. INTRODUCTION
  - 8.14.2. SENSIRION AG PRODUCT PORTFOLIO
  - 8.14.3. SENSIRION AG RECENT ACTIVITIES
- 8.15. SMARTTHINGS, INC.
  - 8.15.1. INTRODUCTION
  - 8.15.2. SMARTTHINGS, INC. PRODUCT PORTFOLIO
  - 8.15.3. SMARTTHINGS, INC. RECENT ACTIVITIES
- 8.16. STMICROELECTRONICS N.V.
  - 8.16.1. INTRODUCTION
  - 8.16.2. STMICROELECTRONICS N.V. PRODUCT PORTFOLIO
  - 8.16.3. STMICROELECTRONICS N.V. RECENT ACTIVITIES
- 8.17. TE CONNECTIVITY LTD.
  - 8.17.1. INTRODUCTION
  - 8.17.2. TE CONNECTIVITY LTD. PRODUCT PORTFOLIO
  - 8.17.3. TE CONNECTIVITY LTD. RECENT ACTIVITIES

## 8.18. TEXAS INSTRUMENTS INCORPORATED

### 8.18.1. INTRODUCTION

### 8.18.2. TEXAS INSTRUMENTS INCORPORATED PRODUCT PORTFOLIO

### 8.18.3. TEXAS INSTRUMENTS INCORPORATED RECENT ACTIVITIES

## 8.19. KONUX INC.

### 8.19.1. INTRODUCTION

### 8.19.2. KONUX INC. PRODUCT PORTFOLIO

### 8.19.3. KONUX INC. RECENT ACTIVITIES

## 8.20. FUJITSU

### 8.20.1. INTRODUCTION

### 8.20.2. FUJITSU PRODUCT PORTFOLIO

### 8.20.3. FUJITSU RECENT ACTIVITIES



## List Of Tables

### LIST OF TABLES

Table 1 GLOBAL IOT SENSOR MARKET RESEARCH AND ANALYSIS BY TYPE, 2015-2022 (\$ MILLION)

Table 2 GLOBAL PRESSURE SENSOR MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 3 GLOBAL HUMIDITY SENSOR MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 4 GLOBAL TEMPERATURE SENSOR MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 5 GLOBAL ACCELEROMETER MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 6 GLOBAL GYROSCOPE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 7 GLOBAL MAGNETOMETER MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 8 GLOBAL LIGHT SENSOR MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 9 GLOBAL OTHER MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 10 GLOBAL IOT SENSOR MARKET RESEARCH AND ANALYSIS BY NETWORK TECHNOLOGY, 2015-2022 (\$ MILLION)

Table 11 GLOBAL WIRED TECHNOLOGY MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 12 GLOBAL WIRELESS TECHNOLOGY MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 13 GLOBAL IOT SENSOR MARKET RESEARCH AND ANALYSIS BY APPLICATIONS, 2015-2022 (\$ MILLION)

Table 14 GLOBAL CONSUMER ELECTRONICS MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 15 GLOBAL HEALTHCARE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 16 GLOBAL AUTOMOTIVE MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 17 GLOBAL INDUSTRIAL MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 18 GLOBAL RETAILS MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$

MILLION)

Table 19 GLOBAL OTHERS MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Table 20 ARM HOLDING PLC. PRODUCT PORTFOLIO

Table 21 ARM HOLDING PLC. RECENT ACTIVITIES

Table 22 ANALOG DEVICES INC. PRODUCT PORTFOLIO

Table 23 ANALOG DEVICES INC. RECENT ACTIVITIES

Table 24 BROADCOM LIMITED PRODUCT PORTFOLIO

Table 25 BROADCOM LIMITED RECENT ACTIVITIES

Table 26 DIGI INTERNATIONAL INC PRODUCT PORTFOLIO

Table 27 DIGI INTERNATIONAL INC RECENT ACTIVITIES

Table 28 ERICSSON PRODUCT PORTFOLIO

Table 29 ERICSSON RECENT ACTIVITIES

Table 30 HONEYWELL INTERNATIONAL INC PRODUCT PORTFOLIO

Table 31 HONEYWELL INTERNATIONAL INC. RECENT ACTIVITIES

Table 32 IBM PRODUCT PORTFOLIO

Table 33 IBM RECENT ACTIVITIES

Table 34 INFINEON TECHNOLOGIES PRODUCT PORTFOLIO

Table 35 INFINEONTECHNOLOGIES RECENT ACTIVITIES

Table 36 INVENSENSE INC. PRODUCT PORTFOLIO

Table 37 INVENSENSE INC. RECENT ACTIVITIES

Table 38 LIBELIUM PRODUCT PORTFOLIO

Table 39 LIBELIUM RECENT ACTIVITIES

Table 40 NXP SEMICONDUCTOR N.V. PRODUCT PORTFOLIO

Table 41 NXP SEMICONDUCTOR N.V. RECENT ACTIVITIES

Table 42 OMRON CORPORATIONPRODUCT PORTFOLIO

Table 43 OMRON CORPORATION RECENT ACTIVITIES

Table 44 ROBERT BOSCH GMBH PRODUCT PORTFOLIO

Table 45 ROBERT BOSCH GMBH RECENT ACTIVITIES

Table 46 SENSIRION AG PRODUCT PORTFOLIO

Table 47 SENSIRION AG RECENT ACTIVITIES

Table 48 SMARTTHINGS, INC. PRODUCT PORTFOLIO

Table 49 SMARTTHINGS, INC. RECENT ACTIVITIES

Table 50 STMICROELECTRONICS N.V. PRODUCT PORTFOLIO

Table 51 STMICROELECTRONICS N.V. RECENT ACTIVITIES

Table 52 TE CONNECTIVITY LTD. PRODUCT PORTFOLIO

Table 53 TE CONNECTIVITY LTD. RECENT ACTIVITIES

Table 54 TEXAS INSTRUMENTS INCORPORATED PRODUCT PORTFOLIO

Table 55 TEXAS INSTRUMENTS INCORPORATED RECENT ACTIVITIES

Table 56 KONUX INC. PRODUCT PORTFOLIO

Table 57 KONUX INC. RECENT ACTIVITIES

Table 58 FUJITSU PRODUCT PORTFOLIO

Table 59 FUJITSU RECENT ACTIVITIES

## List Of Figures

### LIST OF FIGURES

Figure 1 NORTH AMERICA MARKET RESEARCH AND ANALYSIS, 2015-2022 (\$ MILLION)

Figure 2 US MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 3 CANADA MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 4 EUROPEAN MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 5 UK MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 6 FRANCE MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 7 GERMANY MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 8 ITALY MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 9 SPAIN MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 10 ROE MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 11 ASIA PACIFIC MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 12 INDIA MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 13 CHINA MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 14 JAPAN MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 15 ROPAC MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

Figure 16 REST OF THE WORLD MARKET RESEARCH AND ANALYSIS, 2015-2022(\$ MILLION)

## I would like to order

Product name: Global IoT Sensor Market Research and Forecast 2017-2022

Product link: <https://marketpublishers.com/r/G7E32AA34D7EN.html>

Price: US\$ 3,600.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7E32AA34D7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970