

# **IoT Chip Market by Component (MCU, FPGA, Memory, Sensor (Image, Inertial, Temperature, Pressure, Humidity, Flow, Level)), Connectivity Technology (Bluetooth, Wi-Fi, ZigBee, Ethernet, NFC, Cellular, Z-Wave), Vertical & Geography - Global Forecast to 2022**

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## **Abstracts**

“Integration of connectivity capabilities in an increasing number of devices and applications would drive the IoT chip market”

The IoT chip market size, in terms of value, is expected to grow from USD 4.58 billion in 2015 to USD 10.78 billion by 2022, at a CAGR of 11.5% between 2016 and 2022. Connectivity is a key capability required in IoT applications, both for consumer and enterprise infrastructure devices. Within the embedded device space, connectivity and network processing-related functions are increasingly being combined with embedded processors in various applications.

“Wearable device market to gain maximum traction during the forecast period”

The wearable devices market is estimated to grow at the highest CAGR during the forecast period and hold the largest market share by 2022. The growing popularity of Internet of Things and the increasing adoption of smart watches and activity trackers in the consumer markets are the major factors driving the growth of the wearable device market. The IoT chip market is also expected to witness growth in healthcare, consumer electronics, building automation, industrial, and automotive & transportation applications.

“APAC market for IoT chip to grow at the highest rate during the forecast period”

Countries such as China, India, and Japan are aggressively taking initiatives such as heavy investments in R&D to encourage the adoption of Internet of Things in the region, which is expected to boost the demand for IoT chip in the near future. The APAC market comprises developing economies such as China and India—which have a huge potential for the applications of Internet of Things—and Japan, which is home to many large companies such as Fujitsu Ltd. and Toyota Motor Corporation. These emerging markets are driving the growth of the IoT chip market in APAC.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews were conducted with key people. The break-up of profile of primary participants is given below:

By Company Type: Tier 1 – 55 %, Tier 2 – 20% and Tier 3 – 25%

By Designation: C-level – 60%, Director Level – 25%, Others – 15%

By Region: North America – 10%, Europe – 20%, APAC – 40%, RoW – 30%

Governments across the globe are supporting and funding research and development in Internet of Things to boost their productivity. The investment of governments in future technologies provides huge opportunities for the semiconductor companies, thus driving the IoT chip market.

The key players in the IoT chip market profiled in the report are as follows:

1. Intel Corporation
2. Qualcomm Incorporated
3. ARM Holdings PLC
4. Atmel Corporation
5. Texas Instruments Inc.
6. Freescale Semiconductor, Inc.
7. NXP Semiconductors
8. Mediatek Inc.
9. Microchip Technology Inc.
10. Renesas Electronic Corporation
11. ST Microelectronics

The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the IoT chip market comprehensively and provides the closest approximations of the overall market size and that of the subsegments across the different verticals and regions.
2. The report helps stakeholders to understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.
3. This report would help stakeholders to better understand their competitors and gain more insights to enhance their position in the business. The competitive landscape section includes competitor ecosystem, new product developments, partnerships, and mergers and acquisitions.

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY & PRICING
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
    - 2.1.1.1 Key data from secondary sources
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Key data from primary sources
    - 2.1.2.2 Key industry insights
    - 2.1.2.3 Breakdown of Primaries
- 2.2 DEMAND-SIDE ANALYSIS FOR IOT CHIP MARKET
  - 2.2.1 DEMAND-SIDE ANALYSIS
    - 2.2.1.1 Chip demand driven by internet of things (IoT)
- 2.3 MARKET SIZE ESTIMATION
  - 2.3.1 BOTTOM-UP APPROACH
  - 2.3.2 TOP-DOWN APPROACH
- 2.4 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.5 RESEARCH ASSUMPTIONS AND LIMITATIONS
  - 2.5.1 ASSUMPTIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE MARKET OPPORTUNITIES IN IOT CHIP MARKET
- 4.2 IOT CHIP MARKET IN WEARABLE DEVICES: BY GEOGRAPHY
- 4.3 IOT CHIP MARKET, BY APPLICATION VERTICAL IN ASIA-PACIFIC

#### 4.4 IOT CHIP MARKET VALUE IN CONSUMER ELECTRONICS MARKET

#### 4.5 LIFE CYCLE ANALYSIS, BY GEOGRAPHY

### **5 MARKET OVERVIEW**

#### 5.1 INTRODUCTION

#### 5.2 MARKET SEGMENTATION

##### 5.2.1 MARKET, BY APPLICATION VERTICAL

##### 5.2.2 MARKET, BY GEOGRAPHY

#### 5.3 MARKET EVOLUTION OF INTERNET OF THINGS

#### 5.4 MARKET DYNAMICS

##### 5.4.1 DRIVERS

5.4.1.1 Integration of connectivity capabilities in an increasing number of devices and applications

5.4.1.2 IoT expected to drive higher growth in application-specific microcontroller units (MCUs) and flexible System-on-Chip (SoC)-type designs

5.4.1.3 Standardization of IPV6 and availability of more IP address space

5.4.1.4 Increasing demand for smartphones and a growing market for other connected devices

5.4.1.5 Explosion of low-cost, smart wireless sensor networks

##### 5.4.2 RESTRAINTS

5.4.2.1 Lack of common communication standards across platforms

5.4.2.2 Long-lasting battery technologies and ultra-low power technologies need further improvement

##### 5.4.3 OPPORTUNITIES

5.4.3.1 Significant financial support from governments across the globe for research & development in IoT

5.4.3.2 Opportunities for innovative cross-domain applications

##### 5.4.4 CHALLENGES

5.4.4.1 Privacy & security of data

5.4.4.2 Short product life cycle of many of the key end markets

##### 5.4.5 BURNING ISSUE

5.4.5.1 Limits on infrastructure investment due to volatile global economy and effect of dependencies over global economy in IoT

### **6 INDUSTRY TRENDS**

#### 6.1 INTRODUCTION

#### 6.2 VALUE CHAIN ANALYSIS

## 6.3 PORTER'S FIVE FORCES ANALYSIS

### 6.3.1 INTENSITY OF COMPETITIVE RIVALRY

### 6.3.2 THREAT OF SUBSTITUTES

### 6.3.3 BARGAINING POWER OF BUYERS

### 6.3.4 BARGAINING POWER OF SUPPLIERS

### 6.3.5 THREAT OF NEW ENTRANTS

## 6.4 KEY TRENDS

### 6.4.1 SENSOR PROLIFERATION

### 6.4.2 INCREASING CHIP COMPLEXITY

### 6.4.3 4G-LTE AND BEYOND (DEVELOPMENT OF FASTER COMMUNICATION STANDARDS)

### 6.4.4 SHIFT TOWARD SMART DEVICES AND CONNECTIVITY

## 7 IOT CHIP MARKET, BY APPLICATION VERTICAL

### 7.1 INTRODUCTION

### 7.2 WEARABLE DEVICES

#### 7.2.1 PRODUCTS COVERED UNDER WEARABLE DEVICES SEGMENT

##### 7.2.1.1 Activity monitors

##### 7.2.1.2 Smart watches

##### 7.2.1.3 Smart glasses

##### 7.2.1.4 Wearable cameras

#### 7.2.2 SEMICONDUCTOR COMPONENTS COVERED UNDER WEARABLE

### DEVICES APPLICATION

##### 7.2.2.1 Connectivity IC

##### 7.2.2.2 MCU

##### 7.2.2.3 Accelerometer

##### 7.2.2.4 Application processor

##### 7.2.2.5 Memory

##### 7.2.2.6 IMU

##### 7.2.2.7 Camera module

### 7.3 HEALTHCARE

#### 7.3.1 PRODUCTS COVERED UNDER HEALTHCARE SEGMENT

##### 7.3.1.1 Fitness & heart rate monitor

##### 7.3.1.2 Blood pressure monitor

##### 7.3.1.3 Blood glucose meter

##### 7.3.1.4 Continuous glucose monitor

##### 7.3.1.5 Pulse oximeter

##### 7.3.1.6 Automated external defibrillator

7.3.1.7 Programmable syringe pump

7.3.1.8 Wearable injector

7.3.1.9 Multi-parameter monitor

#### 7.3.2 SEMICONDUCTOR COMPONENTS COVERED UNDER HEALTHCARE APPLICATION

7.3.2.1 Connectivity IC

7.3.2.2 MCU

7.3.2.3 Heart rate sensor

7.3.2.4 Accelerometer

7.3.2.5 Pressure sensor

7.3.2.6 Temperature sensor

7.3.2.7 Blood glucose sensor

7.3.2.8 Blood oxygen sensor

7.3.2.9 ECG sensor

#### 7.4 CONSUMER ELECTRONICS

##### 7.4.1 PRODUCTS COVERED UNDER CONSUMER ELECTRONICS SEGMENT

7.4.1.1 Smart TV

7.4.1.2 Refrigerator

7.4.1.3 Washing machine

7.4.1.4 Other products

##### 7.4.2 SEMICONDUCTOR COMPONENTS COVERED UNDER CONSUMER ELECTRONICS APPLICATION

7.4.2.1 Connectivity IC (Wi-Fi)

7.4.2.2 Connectivity IC (Wi-Fi + Ethernet)

7.4.2.3 Connectivity IC (Wi-Fi + NFC)

7.4.2.4 Connectivity IC (Wi-Fi + Bluetooth + Ethernet)

#### 7.5 BUILDING AUTOMATION

##### 7.5.1 PRODUCTS COVERED UNDER BUILDING AUTOMATION SEGMENT

7.5.1.1 Occupancy sensor

7.5.1.2 Daylight sensor

7.5.1.3 Smart thermostats

7.5.1.4 IP cameras

7.5.1.5 Smart meters

7.5.1.6 Smart locks

7.5.1.7 Smoke detectors

7.5.1.8 Lighting control actuators

7.5.1.9 Gateways

##### 7.5.2 SEMICONDUCTOR COMPONENTS COVERED UNDER BUILDING AUTOMATION APPLICATION

- 7.5.2.1 Connectivity IC
- 7.5.2.2 Temperature sensor
- 7.5.2.3 Humidity sensor
- 7.5.2.4 Microprocessor
- 7.5.2.5 MCU
- 7.5.2.6 Memory
- 7.5.2.7 Image sensor
- 7.5.2.8 Gas sensors
- 7.5.2.9 Ambient light sensor

## 7.6 INDUSTRIAL

### 7.6.1 SEMICONDUCTOR COMPONENTS COVERED UNDER INDUSTRIAL APPLICATION VERTICAL

- 7.6.1.1 Temperature sensor
- 7.6.1.2 Pressure sensor
- 7.6.1.3 Level sensor
- 7.6.1.4 Flow sensor
- 7.6.1.5 Chemical & gas sensor
- 7.6.1.6 Humidity sensor
- 7.6.1.7 Motion & position sensor
- 7.6.1.8 MCU
- 7.6.1.9 Connectivity IC

## 7.7 AUTOMOTIVE & TRANSPORTATION

### 7.7.1 SEMICONDUCTOR COMPONENTS COVERED UNDER AUTOMOTIVE & TRANSPORTATION APPLICATION

- 7.7.1.1 Connectivity IC
- 7.7.1.2 MCU
- 7.7.1.3 FPGA
- 7.7.1.4 DSP
- 7.7.1.5 Memory
- 7.7.1.6 Image sensor

## 8 IOT CHIP MARKET, BY GEOGRAPHY

### 8.1 INTRODUCTION

### 8.2 NORTH AMERICA

- 8.2.1 U.S.
- 8.2.2 CANADA
- 8.2.3 MEXICO

### 8.3 EUROPE



- 8.3.1 GERMANY
- 8.3.2 FRANCE
- 8.3.3 U.K.
- 8.3.4 ITALY
- 8.3.5 REST OF EUROPE
- 8.4 APAC
  - 8.4.1 CHINA
  - 8.4.2 JAPAN
  - 8.4.3 KOREA
  - 8.4.4 REST OF APAC
- 8.5 ROW
  - 8.5.1 MIDDLE EAST
  - 8.5.2 AFRICA

## **9 COMPETITIVE LANDSCAPE**

- 9.1 OVERVIEW
- 9.2 COMPARATIVE ANALYSIS
  - 9.2.1 COMPETITIVE SCENARIO
- 9.3 COMPETITIVE SITUATION & TRENDS
  - 9.3.1 RECENT DEVELOPMENTS
    - 9.3.1.1 New product launches
    - 9.3.1.2 Agreements, partnerships, and collaborations
    - 9.3.1.3 Mergers & acquisitions

## **10 COMPANY PROFILES**

(Overview, Products and Services, Financials, Strategy & Development)\*

- 10.1 INTEL CORPORATION
- 10.2 QUALCOMM INCORPORATED
- 10.3 FREESCALE SEMICONDUCTOR INC.
- 10.4 TEXAS INSTRUMENTS INCORPORATED
- 10.5 NXP SEMICONDUCTORS
- 10.6 ARM HOLDINGS PLC.
- 10.7 ATMEL CORPORATION
- 10.8 MEDIATEK INC.
- 10.9 MICROCHIP TECHNOLOGY INC.
- 10.10 RENESAS ELECTRONIC CORPORATION

## 10.11 STMICROELECTRONICS N.V.

\*Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.

## **11 APPENDIX**

11.1 INSIGHTS OF INDUSTRY EXPERTS

11.2 DISCUSSION GUIDE

11.3 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE

11.4 AVAILABLE CUSTOMIZATIONS

11.5 RELATED REPORTS

## List Of Tables

### LIST OF TABLES

Table 1 CONNECTIVITY CAPABILITIES INTEGRATED IN A LARGE NUMBER OF DEVICES AND APPLICATIONS PROPELS THE GROWTH OF IOT CHIP MARKET

Table 2 LACK OF COMMON COMMUNICATION STANDARD ACROSS PLATFORMS ACTS AS A HINDRANCE TO THE MARKET

Table 3 INTERNET OF THINGS: UK GOVERNMENT FUNDINGS FOR INTERNET OF THINGS

Table 4 FINANCIAL SUPPORT FROM GOVERNMENTS ACROSS THE GLOBE FOR RESEARCH & DEVELOPMENT OF IOT PROVIDE A HUGE OPPORTUNITY FOR THE IOT CHIP MARKET

Table 5 PRIVACY & SECURITY OF DATA POSES THE MAJOR CHALLENGE FOR THE MARKET

Table 6 THE PORTER'S FIVE FORCES ANALYSIS: BARGAINING POWER OF BUYERS IS LIKELY TO HAVE THE MAXIMUM IMPACT ON THE OVERALL MARKET IN 2015

Table 7 IOT CHIP MARKET SIZE, BY APPLICATION VERTICAL, 2014–2022 (USD MILLION)

Table 8 WEARABLE DEVICES: IOT CHIP MARKET SIZE, 2014–2022 (MILLION UNITS)

Table 9 WEARABLE DEVICES: IOT CHIP MARKET SIZE, 2014–2022 (USD MILLION)

Table 10 WEARABLE DEVICES: CONNECTIVITY IC MARKET SIZE, BY CONNECTIVITY TECHNOLOGY, 2014–2022 (MILLION UNITS)

Table 11 WEARABLE DEVICES: CONNECTIVITY IC VALUE, BY CONNECTIVITY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 12 WEARABLE DEVICES: IOT CHIP MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 13 HEALTHCARE: IOT CHIP MARKET SIZE, 2014–2022 (MILLION UNITS)

Table 14 HEALTHCARE: IOT CHIP MARKET SIZE, 2014–2022 (USD MILLION)

Table 15 HEALTHCARE: CONNECTIVITY IC MARKET SIZE, BY CONNECTIVITY TECHNOLOGY, 2014–2022 (MILLION UNITS)

Table 16 HEALTHCARE: CONNECTIVITY IC VALUE, BY CONNECTIVITY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 17 HEALTHCARE: IOT CHIP MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 18 CONSUMER ELECTRONICS: IOT CHIP MARKET SIZE, 2014–2022 (MILLION UNITS)

Table 19 CONSUMER ELECTRONICS: IOT CHIP MARKET SIZE, 2014–2022 (USD MILLION)

Table 20 CONSUMER ELECTRONICS: IOT CHIP MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 21 BUILDING AUTOMATION: IOT CHIP MARKET SIZE, 2014–2022 (MILLION UNITS)

Table 22 BUILDING AUTOMATION: IOT CHIP MARKET SIZE, 2014–2022 (USD MILLION)

Table 23 BUILDING AUTOMATION: CONNECTIVITY IC MARKET SIZE, BY CONNECTIVITY TECHNOLOGY, 2014–2022 (MILLION UNITS)

Table 24 BUILDING AUTOMATION: CONNECTIVITY IC MARKET SIZE, BY CONNECTIVITY TECHNOLOGY, 2014–2022 (USD MILLION)

Table 25 BUILDING AUTOMATION: IOT CHIP MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 26 INDUSTRIAL: IOT CHIP MARKET SIZE, 2014–2022 (MILLION UNITS)

Table 27 INDUSTRIAL: IOT CHIP MARKET SIZE, 2014–2022 (USD MILLION)

Table 28 INDUSTRIAL: CONNECTIVITY IC MARKET SIZE, BY CONNECTIVITY TECHNOLOGY, 2014–2022 (MILLION UNITS)

Table 29 INDUSTRIAL: IOT CHIP MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 30 AUTOMOTIVE & TRANSPORTATION: IOT CHIP MARKET SIZE, 2014–2022 (MILLION UNITS)

Table 31 AUTOMOTIVE & TRANSPORTATION: IOT CHIP MARKET SIZE, 2014–2022 (USD MILLION)

Table 32 AUTOMOTIVE & TRANSPORTATION: CONNECTIVITY IC MARKET SIZE, BY CONNECTIVITY TECHNOLOGY, 2014–2022 (MILLION UNITS)

Table 33 AUTOMOTIVE & TRANSPORTATION: IOT CHIP MARKET SIZE, BY REGION, 2014–2022 (USD MILLION)

Table 34 IOT CHIP: MARKET SIZE, BY GEOGRAPHY, 2014–2022 (USD MILLION)

Table 35 NORTH AMERICA: IOT CHIP MARKET SIZE, BY APPLICATION, 2014–2022 (USD MILLION)

Table 36 EUROPE: IOT CHIP MARKET SIZE, BY APPLICATION, 2014–2022 (USD MILLION)

Table 37 APAC: IOT CHIP MARKET SIZE, BY APPLICATION, 2014–2022 (USD MILLION)

Table 38 ROW: IOT CHIP MARKET SIZE, BY APPLICATION, 2014–2022 (USD MILLION)

Table 39 NEW PRODUCT LAUNCHES, 2012 - 2015

Table 40 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS & JOINT

VENTURES, 2012 - 2015

Table 41 MERGER & ACQUISITIONS, 2012 – 2015

## List Of Figures

### LIST OF FIGURES

Figure 1 RESEARCH DESIGN

Figure 2 INTERNET OF THINGS (IOT): NUMBER OF CONNECTED DEVICES WORLDWIDE BETWEEN 2012 AND 2017 (IN BILLIONS)

Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 5 DATA TRIANGULATION

Figure 6 AUTOMOTIVE & TRANSPORTATION HELD THE LARGEST SHARE OF THE IOT CHIP MARKET IN 2015

Figure 7 CONNECTIVITY IC EXPECTED TO DOMINATE THE AUTOMOTIVE & TRANSPORTATION SEGMENT FOR IOT CHIP

Figure 8 ASIA-PACIFIC EXPECTED TO HOLD THE LARGEST MARKET SHARE IN THE WEARABLE DEVICE SEGMENT FOR IOT CHIP

Figure 9 GLOBAL IOT CHIP MARKET, BY GEOGRAPHY, 2015

Figure 10 CONNECTIVITY CAPABILITIES INTEGRATED IN LARGE NUMBER OF DEVICES AND APPLICATIONS PROPEL THE GROWTH OF THE MARKET

Figure 11 APAC EXPECTED TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD

Figure 12 WEARABLE DEVICES SEGMENT CAPTURED THE LARGEST SHARE OF THE ASIA-PACIFIC MARKET

Figure 13 CONNECTIVITY IC (WI-FI + ETHERNET) EXPECTED TO DOMINATE THE CONSUMER ELECTRONICS MARKET DURING THE FORECAST PERIOD

Figure 14 IOT CHIP MARKET IS CURRENTLY IN THE GROWTH STAGE IN APAC, EUROPE, AND NORTH AMERICA

Figure 15 MARKET: BY GEOGRAPHY

Figure 16 EVOLUTION OF THE INTERNET OF THINGS MARKET

Figure 17 INTEGRATION OF CONNECTIVITY CAPABILITIES IN A LARGE NUMBER OF DEVICES AND APPLICATIONS ACTS AS THE MAJOR DRIVING FACTOR FOR THE MARKET

Figure 18 GLOBAL SMARTPHONE SHIPMENTS, 2012–2017 (MILLION UNITS)

Figure 19 VALUE CHAIN ANALYSIS (2015): IOT CHIP MARKET

Figure 20 PORTER'S FIVE FORCES ANALYSIS (2015)

Figure 21 IOT CHIP MARKET: PORTER'S FIVE FORCES ANALYSIS, 2015

Figure 22 INTENSITY OF COMPETITIVE RIVALRY: HIGH DUE TO THE HEAVY COMPETITION AMONG EXISTING PLAYERS

Figure 23 THREAT OF SUBSTITUTES TO BE LOW AS NO MAJOR SUBSTITUTE IS

AVAILABLE FOR IOT CHIP

Figure 24 BARGAINING POWER OF BUYERS WOULD BE HIGH AS THE SWITCHING COST IS LOW

Figure 25 BARGAINING POWER OF SUPPLIERS: PRODUCT DIFFERENTIATION IN IOT CHIP MARKET WOULD DRIVE THE MARKET FOR SUPPLIERS DURING THE FORECAST PERIOD

Figure 26 THREAT OF NEW ENTRANTS: LOW AS THE ESTABLISHED PLAYERS HAVE A STRONG PRESENCE IN THE MARKET

Figure 27 IOT CHIP MARKET, BY APPLICATION VERTICAL

Figure 28 APPLICATION PROCESSOR EXPECTED TO DOMINATE THE WEARABLE DEVICE APPLICATION MARKET FOR IOT CHIP

Figure 29 APAC MARKET FOR IOT CHIP IN WEARABLE DEVICES EXPECTED TO GROW AT THE HIGHEST RATE

Figure 30 BLOOD GLUCOSE SENSOR MARKET IN HEALTHCARE APPLICATION EXPECTED TO GROW AT THE HIGHEST CAGR

Figure 31 NORTH AMERICA EXPECTED TO DOMINATE THE IOT CHIP MARKET IN HEALTHCARE APPLICATIONS IN 2016

Figure 32 CONNECTIVITY IC (WI-FI + NFC) EXPECTED TO GROW AT THE HIGHEST RATE IN THE CONSUMER ELECTRONICS APPLICATION DURING THE FORECAST PERIOD

Figure 33 APAC MARKET FOR IOT CHIP FOR CONSUMER ELECTRONICS APPLICATION EXPECTED TO GROW AT THE HIGHEST RATE

Figure 34 CONNECTIVITY IC DOMINATED THE BUILDING AUTOMATION APPLICATION SEGMENT OF THE IOT CHIP MARKET

Figure 35 APAC EXPECTED TO GROW AT THE HIGHEST RATE FOR THE IOT CHIP MARKET IN THE BUILDING AUTOMATION APPLICATION

Figure 36 CONNECTIVITY IC MARKET EXPECTED TO DOMINATE THE INDUSTRIAL APPLICATION SEGMENT DURING THE FORECAST PERIOD

Figure 37 APAC REGION TO GROW AT THE HIGHEST RATE FOR THE INDUSTRIAL APPLICATION FOR IOT CHIP MARKET

Figure 38 CONNECTIVITY IC EXPECTED TO DOMINATE THE AUTOMOTIVE & TRANSPORTATION SEGMENT FOR IOT CHIP MARKET

Figure 39 APAC TO GROW FASTEST IN THE AUTOMOTIVE & TRANSPORTATION APPLICATION FOR IOT CHIP MARKET

Figure 40 IOT CHIP MARKET, BY GEOGRAPHY

Figure 41 THE APAC MARKET IS ESTIMATED TO GROW AT THE HIGHEST RATE BETWEEN 2016 AND 2022

Figure 42 NORTH AMERICA MARKET SNAPSHOT: MARKET IS EXPECTED TO BE DRIVEN BY INCREASED R&D IN IOT

Figure 43 EUROPE MARKET SNAPSHOT: MARKET EXPECTED TO BE DRIVEN BY THE INITIATIVES TAKEN BY GOVERNMENTS OF VARIOUS COUNTRIES FOR DEVELOPMENT IN IOT

Figure 44 ASIA-PACIFIC MARKET SNAPSHOT: MARKET EXPECTED TO BE DRIVEN BY THE INCREASING NUMBER OF CONNECTED DEVICES

Figure 45 ROW MARKET SNAPSHOT: MARKET EXPECTED TO BE DRIVEN BY THE INCREASING DEVELOPMENT OF INTERNET OF THINGS

Figure 46 KEY GROWTH STRATEGIES ADOPTED BY TOP COMPANIES BETWEEN 2012 AND 2015

Figure 47 MARKET EVALUATION FRAMEWORK: NEW PRODUCT LAUNCHES FUELED GROWTH AND INNOVATION IN 2013 AND 2014

Figure 48 BATTLE FOR MARKET SHARE: NEW PRODUCT LAUNCHES WAS THE KEY STRATEGY

Figure 49 INTEL CORPORATION: COMPANY SNAPSHOT

Figure 50 INTEL CORPORATION: SWOT ANALYSIS

Figure 51 QUALCOMM INC.: COMPANY SNAPSHOT

Figure 52 QUALCOMM INC.: SWOT ANALYSIS

Figure 53 FREESCALE SEMICONDUCTOR: COMPANY SNAPSHOT

Figure 54 FREESCALE SEMICONDUCTOR: SWOT ANALYSIS

Figure 55 TEXAS INSTRUMENTS INCORPORATED: COMPANY SNAPSHOT

Figure 56 TEXAS INSTRUMENTS INCORPORATED: SWOT ANALYSIS

Figure 57 NXP SEMICONDUCTORS: COMPANY SNAPSHOT

Figure 58 NXP SEMICONDUCTORS: SWOT ANALYSIS

Figure 59 ARM HOLDINGS PLC.: COMPANY SNAPSHOT

Figure 60 ATMEL CORPORATION: COMPANY SNAPSHOT

Figure 61 MEDIATEK INC.: COMPANY SNAPSHOT

Figure 62 MICROCHIP TECHNOLOGY INC.: COMPANY SNAPSHOT

Figure 63 RENESAS ELECTRONIC CORPORATION: COMPANY SNAPSHOT

Figure 64 STMICROELECTRONICS N.V.: COMPANY SNAPSHOT



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