

Sensors Market in Consumer Electronics by Product (Touch, Image, Motion, Temperature, Position, Pressure), Application (Entertainment, I.T., Communication Products, Home Appliances), & Geography (North America, Europe, APAC, ROW) - Worldwide Market Forecasts and Analysis (2013 - 2020)

<https://marketpublishers.com/r/SA3CF448CF2EN.html>

Date: December 2013

Pages: 326

Price: US\$ 5,650.00 (Single User License)

ID: SA3CF448CF2EN

Abstracts

Although sensors in consumer electronics have been in the market for quite a long time, the high power consumption and large size with the associated cost has been limiting their applications to new products like wearable devices. However, this scenario is rapidly changing with the market consistently moving towards smaller size of IC chips, which could help in reducing the overall cost of ownership to a great extent. The use of sensors for upcoming applications in health monitoring, indoor navigation will surely drive this market to new horizons.

This research study on the sensors market in consumer electronics focuses on various product segments such as Touch, Image, Motion, Pressure, Position and Temperature Sensor. While Touch and Image are relatively mature product segments, Motion and Pressure are expected to grow at higher CAGRs during the forecast period. Apart from these product segments, the report is sub segmented by applications such as Entertainment, Information Technology, Communication Products, and Home Appliances.

The report also draws the competitive landscape of the global sensors market in consumer electronics, analyzing the major players and the strategies adopted by them for growth in the market. Apart from the market segmentation data, the report also

includes qualitative analysis of various market dynamics such as the drivers, restraints, opportunities, burning issues, and winning imperatives. It also analyzes the overall market through various models; such as the Porter's five forces model. The report includes profiles of major market players with their respective market share analysis.

Contents

1 INTRODUCTION

- 1.1 KEY TAKE-AWAYS
- 1.2 REPORT DESCRIPTION
- 1.3 MARKETS COVERED
- 1.4 STAKEHOLDERS
- 1.5 RESEARCH METHODOLOGY
 - 1.5.1 FORECASTING APPROACH FOR SENSORS MARKET IN CONSUMER ELECTRONICS
 - 1.5.2 KEY DATA POINTS TAKEN FROM SECONDARY SOURCES
 - 1.5.3 KEY DATA POINTS TAKEN FROM PRIMARY SOURCES
 - 1.5.4 REPORT ASSUMPTIONSNOTES
- 1.6 LIST OF COMPANIES COVERED DURING STUDY

2 EXECUTIVE SUMMARY

3 MARKET OVERVIEW

- 3.1 EVOLUTION OF SENSORS
- 3.2 APPLICATION LIFE CYCLE OF SENSORS, 2013
 - 3.2.1 APPLICATION LIFE CYCLE OF TOUCH SENSOR
 - 3.2.2 APPLICATION LIFE CYCLE OF IMAGE SENSOR
 - 3.2.3 APPLICATION LIFE CYCLE OF MOTION SENSOR
 - 3.2.4 APPLICATION LIFE CYCLE OF PRESSURE SENSOR
 - 3.2.5 APPLICATION LIFE CYCLE OF TEMPERATURE SENSOR
 - 3.2.6 APPLICATION LIFE CYCLE OF POSITION SENSOR
- 3.3 MARKET DEFINITION
- 3.4 MARKET SEGMENTATION
- 3.5 PORTER'S FIVE FORCE MODEL
 - 3.5.1 THREAT OF NEW ENTERANTS
 - 3.5.2 THREAT OF SUBSTITUTES
 - 3.5.3 BUYER'S BARGAINING POWER
 - 3.5.4 SUPPLIER'S BARGAINING POWER
 - 3.5.5 COMPETITIVE RIVALRY
- 3.6 VALUE CHAIN ANALYSIS FOR SENSORS MARKET IN CONSUMER ELECTRONICS

4 GLOBAL SENSOR MARKET IN CONSUMER ELECTRONICS, BY PRODUCTS

4.1 INTRODUCTION

4.2 TOUCH SENSOR

4.2.1 INTRODUCTION

4.2.2 KEY COMPANIES OFFERING TOUCH SENSOR

4.2.3 MARKET DYNAMICS

4.2.3.1 Drivers

4.2.3.1.1 Continuous Growth of the Capacitive Touch Sensors Enabled Devices in the Consumer Electronics Sector

4.2.3.1.2 Consumer Preference of Wearable Devices

4.2.3.1.3 Increasing Demand of the All-in-One PCs

4.2.3.2 Restraints

4.2.3.2.1 Lack of Product Differentiation

4.2.3.2.2 Alternative Technologies Available at Low Cost

4.2.3.3 Opportunities

4.2.3.3.1 Replacement of Indium Tin Oxide

4.2.3.3.2 Curved Touch Sensors

4.2.3.3.3 Emerging Retail and Media Applications

4.2.3.3.4 Emerging Applications of the Capacitive Sensors in the Field of Nanotechnology

4.2.3.4 Burning Issue

4.2.3.4.1 Optical Technology Entering the Small Display Market

4.2.3.5 Winning Imperatives

4.2.3.5.1 Localizing Products for the Niche Market

4.2.3.5.2 High Signal to Noise Ratio (SNR) for the Sensing Applications

4.2.4 TECHNOLOGY TYPES OF TOUCH SENSOR

4.2.4.1 Capacitive Touch Sensor

4.2.4.1.1 Properties of the Capacitive Sensors

4.2.4.1.2 Advantages and Disadvantages of the Capacitive Sensing Technology

4.2.4.1.2.1 Advantages

4.2.4.1.2.2 Disadvantages

4.2.4.1.3 Major Players Offering Capacitive Touch Sensor

4.2.4.2 Resistive Touch Sensor

4.2.4.3 Infrared and Surface Acoustic Wave (SAW)

4.2.5 COMPARISON ANALYSIS OF TOUCH SENSORS

4.2.6 TOUCH SENSOR MARKET BY PRODUCTS

4.3 IMAGE SENSOR

4.3.1 INTRODUCTION

4.3.2 HISTORY AND EVOLUTION OF IMAGE SENSORS

4.3.3 KEY COMPANIES OFFERING IMAGE SENSOR

4.3.4 MARKET DYNAMICS

4.3.4.1 Market Drivers

4.3.4.1.1 Demand for Camera-Based Mobile Phones and Tablets

4.3.4.1.2 Need of Security and Surveillance Cameras

4.3.4.1.3 Automation in Factories and Industries

4.3.4.1.4 Improved Efficiency due to BSI Technology

4.3.4.2 Market Restraints

4.3.4.2.1 Heavy Maintenance and Refurbishment Costs for High End Devices

4.3.4.2.2 Low Power Efficiency Of CCDs (Charge Couple Device)

4.3.4.3 Market Opportunities

4.3.4.3.1 Increased Performance Parameters

4.3.4.3.2 Automated Medical Capsules

4.3.4.3.3 Gesture Recognition Technology

4.3.4.3.4 Graphene based Sensors

4.3.4.4 Burning Issue

4.3.4.4.1 IP Infringement

4.3.4.5 Winning Imperatives

4.3.4.5.1 Curved Image Sensor

4.3.4.5.2 Single Photon Image Sensors

4.3.5 TECHNOLOGY TYPES OF IMAGE SENSOR

4.3.5.1 CMOS

4.3.5.2 CCD (Charge Couple Device)

4.3.5.3 CIS (Contact Image Sensor)

4.3.6 GLOBAL IMAGE SENSOR MARKET BY PRODUCTS

4.4 MOTION SENSOR

4.4.1 INTRODUCTION

4.4.2 KEY COMPANIES OFFERING MOTION SENSOR

4.4.3 MARKET DYNAMICS

4.4.3.1 Drivers

4.4.3.1.1 Growing Demand for Tablet PCs, Notebooks, and Mobile Phones

4.4.3.1.2 Demand in Image Stabilization Applications

4.4.3.1.3 Demand for Motion Sensors in Gaming

4.4.3.2 Market Restraints

4.4.3.2.1 Availability of Alternatives at Low Cost

4.4.3.2.2 Power Consumption in Smart Phones

4.4.3.3 Opportunity

4.4.3.3.1 Motion Detection in Indoor Navigation using Accelerometers

- 4.4.3.3.2 Motion Sensors for Wearable devices
- 4.4.3.4 Burning Issues
 - 4.4.3.4.1 Fast Pace Replacement of Technologies
 - 4.4.3.4.2 Convergence of Multiple Applications/Products into One
- 4.4.3.5 Winning Imperatives
 - 4.4.3.5.1 Demand for Multi-Touch Sensors
 - 4.4.3.5.2 New Product Launches
- 4.4.4 TECHNOLOGY TYPES OF MOTION SENSOR
 - 4.4.4.1 MEMS Accelerometers
 - 4.4.4.2 MEMS Gyroscopes
 - 4.4.4.3 Digital Compass
 - 4.4.4.4 Motion Sensor Combo
- 4.4.5 GLOBAL MOTION SENSOR MARKET VALUE, BY PRODUCTS
- 4.5 TEMPERATURE SENSORS
 - 4.5.1 INTRODUCTION
 - 4.5.2 KEY COMPANIES OFFERING TEMPERATURE SENSOR
 - 4.5.3 MARKET DYNAMICS
 - 4.5.3.1 Drivers
 - 4.5.3.1.1 Demand in Consumer Electronic Application
 - 4.5.3.1.2 Need of Temperature Monitoring in Hard Drives of PC and Laptops
 - 4.5.3.1.3 Increasing Government Intervention
 - 4.5.3.2 Market Restraints
 - 4.5.3.2.1 Competition within the Technologies
 - 4.5.3.2.2 High Pricing
 - 4.5.3.3 Opportunities
 - 4.5.3.3.1 Technological Developments
 - 4.5.3.3.2 Emergence of MEMS in Temperature Sensing
 - 4.5.3.4 Burning Issues
 - 4.5.3.4.1 Protective Policy of Chinese Government
 - 4.5.3.5 Winning Imperative
 - 4.5.3.5.1 Focus on Potential in Emerging Markets
 - 4.5.4 GLOBAL TEMPERATURE SENSOR MARKET, BY PRODUCTS
- 4.6 POSITION SENSOR
 - 4.6.1 INTRODUCTION
 - 4.6.2 KEY COMPANIES OFFERING POSITION SENSOR
 - 4.6.3 MARKET DYNAMICS
 - 4.6.3.1 Drivers
 - 4.6.3.1.1 Consumer Electronics Applications
 - 4.6.3.1.2 Automotive Applications

4.6.3.2 Restraints

4.6.3.2.1 Manufacturing Excellence

4.6.3.3 Opportunities

4.6.3.3.1 Gesture Based Applications

4.6.3.4 Burning Issues

4.6.3.4.1 Accuracy

4.6.3.5 Winning Imperatives

4.6.3.5.1 Touchless Sensing Application

4.6.4 KEY APPLICATIONS FOR LINEAR, PROXIMITY AND ROTARY POSITION SENSORS

4.6.5 GLOBAL POSITION SENSOR MARKET, BY PRODUCTS

4.7 PRESSURE SENSORS

4.7.1 INTRODUCTION

4.7.2 KEY COMPANIES OFFERING PRESSURE SENSOR

4.7.3 MARKET DYNAMICS

4.7.3.1 Drivers

4.7.3.1.1 Indoor Navigation Applications

4.7.3.1.2 The Government Regulations

4.7.3.1.3 Fast Growing Asian Economies

4.7.4 RESTRAINTS

4.7.4.1.1 Accuracy During Indoor Navigation

4.7.4.1.2 High Price

4.7.5 OPPORTUNITIES

4.7.5.1.1 Upcoming ICT Enabled Advancements

4.7.5.1.2 Nanotechnology Applications

4.7.5.2 Burning Issues

4.7.5.2.1 China's Protective Policy

4.7.5.3 Winning Imperatives

4.7.5.3.1 Accuracy

4.7.6 GLOBAL MARKET FOR PRESSURE SENSORS, BY PRODUCTS

5 GLOBAL SENSOR MARKET FOR CONSUMER ELECTRONICS, BY GEOGRAPHY

5.1 NORTH AMERICA

5.1.1 MARKET FORECAST BY SENSOR TYPES

5.1.2 MARKET FORECAST BY SENSORS IN CONSUMER ELECTRONICS

5.1.3 MARKET FORECAST BY APPLICATIONS IN CONSUMER ELECTRONICS

5.2 EUROPE

5.2.1 MARKET FORECAST BY SENSOR TYPES

- 5.2.2 MARKET FORECAST BY SENSORS IN CONSUMER ELECTRONICS
- 5.2.3 MARKET FORECAST BY APPLICATIONS IN CONSUMER ELECTRONICS
- 5.3 APAC
 - 5.3.1 MARKET FORECAST BY SENSORS
 - 5.3.2 MARKET FORECAST BY SENSORS IN CONSUMER ELECTRONICS
 - 5.3.3 MARKET FORECAST BY APPLICATIONS IN CONSUMER ELECTRONICS
- 5.4 ROW (REST OF THE WORLD)
 - 5.4.1 MARKET FORECAST BY SENSOR TYPES
 - 5.4.2 MARKET FORECAST BY SENSORS IN CONSUMER ELECTRONICS
 - 5.4.3 MARKET FORECAST BY APPLICATIONS IN CONSUMER ELECTRONICS

6 COMPETITIVE LANDSCAPE

- 6.1 KEY GROWTH STRATEGIES
- 6.2 MARKET SHARE ANALYSIS
 - 6.2.1 MARKET SHARE ANALYSIS FOR TOUCH SENSOR, 2013
 - 6.2.2 MARKET SHARE ANALYSIS FOR IMAGE SENSOR, 2013
 - 6.2.3 MARKET SHARE ANALYSIS FOR MOTION SENSOR, 2013
 - 6.2.4 MARKET SHARE ANALYSIS FOR TEMPERATURE SENSOR, 2013
 - 6.2.5 MARKET SHARE ANALYSIS FOR POSITION SENSOR, 2013
 - 6.2.6 MARKET SHARE ANALYSIS FOR PRESSURE SENSOR, 2013
- 6.3 NEW PRODUCT DEVELOPMENTS AND ANNOUNCEMENTS
- 6.4 AGREEMENTS, PARTNERSHIPS, JOINT VENTURES AND COLLABORATIONS
- 6.5 MERGERS AND ACQUISITIONS

7 COMPANY PROFILE (OVERVIEW, PRODUCTS AND SERVICES, FINANCIALS, STRATEGY & DEVELOPMENT)

- 7.1 M CO.
- 7.2 ALPS ELECTRIC CO., LTD.
- 7.3 ANALOG DEVICES, INC.
- 7.4 APTINA IMAGING CORPORATION
- 7.5 ATMEL CORPORATION
- 7.6 AVAGO TECHNOLOGIES LTD.
- 7.7 BANNER ENGINEERING CORP.
- 7.8 CYPRESS SEMICONDUCTOR CORPORATION
- 7.9 ELLIPTIC LABORATORIES AS
- 7.10 ELMOS SEMICONDUCTOR AG1
- 7.11 EPCOS AG4

- 7.12 EYESIGHT MOBILE TECHNOLOGIES LTD.7
- 7.13 FREESCALE SEMICONDUCTOR LTD.1
- 7.14 INFINEON TECHNOLOGIES AG4
- 7.15 INVENSENSE, INC.7
- 7.16 MEASUREMENT SPECIALTIES, INC.1
- 7.17 MELEXIS NV4
- 7.18 MURATA MANUFACTURING CO., LTD.7
- 7.19 NXP SEMICONDUCTORS N.V.0
- 7.20 OMNIVISION TECHNOLOGIES, INC.3
- 7.21 PANASONIC CORPORATION.8
- 7.22 POINTGRAB LTD.1
- 7.23 ROBERT BOSCH GMBH5
- 7.24 SAMSUNG ELECTRONICS CO. LTD.8
- 7.25 SEMTECH CORP.2
- 7.26 SENSIRION AG5
- 7.27 SYNAPTICS, INC.8
- 7.28 TELEDYNE DALSA INC.2
- 7.29 TEXAS INSTRUMENTS INC.5
- 7.30 TOSHIBA CORPORATION8
- 7.31 XYZ INTERACTIVE TECHNOLOGIES INC. (Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.)

List Of Tables

LIST OF TABLES

TABLE 1 SEGMENT WISE CONSUMER ELECTRONICS PRODUCTS CONSIDERED

TABLE 2 GEOGRAPHY WISE COUNTRIES COVERED

TABLE 3 GENERAL ASSUMPTIONS, TERMINOLOGY & APPLICATION KEY NOTES

TABLE 4 LIST OF COMPANIES COVERED DURING STUDY

TABLE 5 KEY SENSOR MANUFACTURERS

TABLE 6 GLOBAL SENSORS MARKET VALUE FROM CONSUMER ELECTRONICS, BY PRODUCTS, 2013-2020 (\$BILLION)

TABLE 7 GLOBAL SENSORS MARKET VALUE FROM CONSUMER ELECTRONICS, BY GEOGRAPHY, 2013-2020 (\$BILLION)

TABLE 8 GLOBAL SENSORS MARKET VALUE FROM CONSUMER ELECTRONICS, BY APPLICATION, 2013-2020 (\$BILLION)

TABLE 9 GLOBAL UNIT SHIPMENTS OF THE DEVICES, 2012-2020 (MILLION UNITS)

TABLE 10 ADVANTAGES OF CAPACITIVE SENSORS

TABLE 11 DISADVANTAGES OF CAPACITIVE SENSORS

TABLE 12 COMPARISON TABLE OF DIFFERENT SENSING TECHNOLOGIES

TABLE 13 GLOBAL TOUCH SENSOR MARKET VALUE, BY PRODUCTS, 2013-2020 (\$MILLION)

TABLE 14 GLOBAL TOUCH SENSOR MARKET VALUE, BY INDUSTRY VERTICALS, 2013-2020 (\$MILLION)

TABLE 15 GLOBAL TOUCH SENSOR MARKET VALUE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 16 GLOBAL TOUCH SENSOR MARKET VALUE FROM CAPACITIVE TOUCH, BY INDUSTRY VERTICALS, 2013-2020 (\$MILLION)

TABLE 17 GLOBAL TOUCH SENSOR MARKET VALUE FROM CAPACITIVE TOUCH, BY APPLICATIONS, 2013-2020 (\$MILLION)

TABLE 18 GLOBAL TOUCH SENSOR MARKET FROM CAPACITIVE TOUCH, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 19 GLOBAL TOUCH SENSOR MARKET FROM RESISTIVE TOUCH, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 20 GLOBAL TOUCH SENSOR MARKET VALUE FROM RESISTIVE TOUCH, BY INDUSTRY VERTICALS, 2013-2020 (\$MILLION)

TABLE 21 GLOBAL TOUCH SENSOR MARKET VALUE FROM RESISTIVE TOUCH, BY APPLICATIONS, 2013-2020 (\$MILLION)

TABLE 22 GLOBAL TOUCH SENSOR MARKET FROM ENTERTAINMENT, BY

GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 23 GLOBAL TOUCH SENSOR MARKET FROM INFORMATION TECHNOLOGY, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 24 GLOBAL TOUCH SENSOR MARKET FROM COMMUNICATION PRODUCTS, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 25 GLOBAL TOUCH SENSOR MARKET FROM HOME APPLIANCES, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 26 GLOBAL TOUCH SENSOR MARKET FROM OTHERS SEGMENT, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 27 GLOBAL IMAGE SENSORS MARKET VALUE, BY TECHNOLOGY, 2013-2020 (\$MILLION)

TABLE 28 GLOBAL IMAGE SENSORS MARKET VOLUME, BY TECHNOLOGY, 2013-2020 (MILLION UNITS)

TABLE 29 GLOBAL IMAGE SENSORS ASP, BY TECHNOLOGY, 2013-2020 (\$)

TABLE 30 GLOBAL IMAGE SENSOR MARKET VALUE, BY APPLICATIONS, 2013-2020 (\$MILLION)

TABLE 31 GLOBAL IMAGE SENSOR MARKET VOLUME, BY APPLICATION, 2013-2020 (MILLION UNITS)

TABLE 32 GLOBAL IMAGE SENSOR MARKET VALUE, FOR CONSUMER ELECTRONICS, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 33 GLOBAL IMAGE SENSOR MARKET VALUE FROM ENTERTAINMENT, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 34 GLOBAL IMAGE SENSOR MARKET VALUE FROM INFORMATION TECHNOLOGY, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 35 GLOBAL IMAGE SENSOR MARKET VALUE FROM COMMUNICATION PRODUCTS, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 36 GLOBAL IMAGE SENSOR MARKET VALUE FROM HOME APPLIANCES, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 37 GLOBAL IMAGE SENSOR MARKET VALUE FROM OTHERS SEGMENT, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 38 GLOBAL MOTION SENSOR MARKET VALUE, BY PRODUCTS, 2013-2020 (\$MILLION)

TABLE 39 GLOBAL MOTION SENSOR VOLUME, BY PRODUCTS, 2013-2020 (BILLION UNITS)

TABLE 40 GLOBAL ACCELEROMETER MARKET VALUE, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 41 GLOBAL ACCELEROMETER MARKET VOLUME, BY GEOGRAPHY, 2013-2020 (BILLION UNITS)

TABLE 42 GLOBAL GYROSCOPES MARKET VALUE, BY GEOGRAPHY, 2013-2020

(\$MILLION)

TABLE 43 GLOBAL GYROSCOPES MARKET VOLUME, BY GEOGRAPHY,
2013-2020 (MILLION UNITS)

TABLE 44 GLOBAL MOTION SENSOR MARKET VALUE, BY APPLICATION,
2013-2020 (\$MILLION)

TABLE 45 GLOBAL MOTION SENSOR MARKET VALUE, FOR CONSUMER
ELECTRONICS, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 46 GLOBAL MOTION SENSOR MARKET VALUE FROM ENTERTAINMENT,
BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 47 GLOBAL MOTION SENSOR MARKET VALUE FROM INFORMATION
TECHNOLOGY, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 48 GLOBAL MOTION SENSOR MARKET VALUE FROM COMMUNICATION
PRODUCTS, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 49 GLOBAL MOTION SENSOR MARKET VALUE FROM HOME APPLIANCES,
BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 50 GLOBAL MOTION SENSOR MARKET VALUE FROM OTHER SEGMENTS,
BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 51 GLOBAL TEMPERATURE SENSORS MARKET VALUE (\$MILLION) &
VOLUME (MILLION UNITS), 2013-2020

TABLE 52 GLOBAL TEMPERATURE SENSOR MARKET VALUE, BY APPLICATION,
2013-2020 (\$MILLION)

TABLE 53 GLOBAL TEMPERATURE SENSOR MARKET VOLUME, BY
APPLICATIONS, 2013-2020 (MILLION UNITS)

TABLE 54 GLOBAL TEMPERATURE SENSOR MARKET VALUE, FOR CONSUMER
ELECTRONICS, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 55 GLOBAL TEMPERATURE SENSOR MARKET VOLUME, FOR CONSUMER
ELECTRONICS, BY APPLICATION, 2013-2020 (MILLION UNITS)

TABLE 56 GLOBAL TEMPERATURE SENSOR MARKET FROM ENTERTAINMENT, BY
GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 57 GLOBAL TEMPERATURE SENSOR MARKET FROM INFORMATION
TECHNOLOGY, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 58 GLOBAL TEMPERATURE SENSOR MARKET FROM COMMUNICATION
PRODUCTS, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 59 GLOBAL TEMPERATURE SENSOR MARKET FROM HOME APPLIANCES,
BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 60 GLOBAL TEMPERATURE SENSOR MARKET FROM OTHER SEGMENTS,
BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 61 KEY APPLICATIONS FOR LINEAR SENSORS

TABLE 62 KEY APPLICATIONS FOR PROXIMITY SENSORS

TABLE 63 KEY APPLICATIONS FOR ROTARY SENSORS

TABLE 64 GLOBAL POSITION SENSORS MARKET VALUE FOR CONSUMER ELECTRONICS, BY PRODUCTS, 2013-2020 (\$MILLION)

TABLE 65 GLOBAL POSITION SENSORS MARKET VALUE FOR CONSUMER ELECTRONICS, BY APPLICATIONS, 2013-2020 (\$MILLION)

TABLE 66 GLOBAL POSITON SENSOR MARKET VALUE FROM ENTERTAINMENT, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 67 GLOBAL POSITON SENSOR MARKET VALUE FROM INFORMATION TECHNOLOGY, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 68 GLOBAL POSITON SENSOR MARKET VALUE FROM COMMUNICATON PRODUCTS, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 69 GLOBAL POSITON SENSOR MARKET VALUE FROM HOME APPLIANCES, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 70 GLOBAL POSITON SENSOR MARKET VALUE FROM OTHER SEGMENTS, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 71 GLOBAL PRESSURE SENSORS MARKET VALUE, BY TECHNOLOGY, 2013-2020 (\$MILLION)

TABLE 72 GLOBAL PIZEORESISTIVE PRESSURE SENSOR MARKET VALUE, BY APPLICATIONS, 2013-2020 (\$MILLION)

TABLE 73 GLOBAL PIZEORESISTIVE PRESSURE SENSOR MARKET VALUE FOR CONSUMER ELECTRONICS, BY APPLICATIONS, 2013-2020 (\$MILLION)

TABLE 74 GLOBAL PRESSURE SENSOR MARKET VALUE FROM ENTERTAINMENT, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 75 GLOBAL PRESSURE SENSOR MARKET VALUE FROM INFORMATION TECHNOLOGY, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 76 GLOBAL PRESSURE SENSOR MARKET VALUE FROM COMMUNICATOIN PRODUCTS, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 77 GLOBAL PRESSURE SENSOR MARKET VALUE FROM HOME APPLIANCES, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 78 GLOBAL PRESSURE SENSOR MARKET VALUE FROM OTHER SEGMENTS, BY GEOGRAPHY, 2013-2020 (\$MILLION)

TABLE 79 NORTH AMERICA: MARKET VALUE, BY SENSOR TYPES, 2013-2020 (\$MILLION)

TABLE 80 NORTH AMERICA: MARKET VALUE IN CONSUMER ELECTRONICS, BY SENSORS, 2013-2020 (\$MILLION)

TABLE 81 NORTH AMERICA: MARKET VALUE FROM CONSUMER ELECTRONICS, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 82 EUROPE: MARKET VALUE BY SENSORS, 2013-2020 (\$MILLION)

TABLE 83 EUROPE: MARKET VALUE FROM CONSUMER ELECTRONICS, BY

SENSORS, 2013-2020 (\$MILLION)

TABLE 84 EUROPE: MARKET VALUE FROM CONSUMER ELECTRONICS, BY APPLICATIONS, 2013-2020 (\$MILLION)

TABLE 85 APAC: MARKET VALUE BY SENSORS, 2013-2020 (\$MILLION)

TABLE 86 APAC: MARKET VALUE FROM CONSUMER ELECTRONICS, BY SENSORS, 2013-2020 (\$MILLION)

TABLE 87 APAC: MARKET VALUE FROM CONSUMER ELECTRONICS, BY APPLICATIONS, 2013-2020 (\$MILLION)

TABLE 88 ROW: MARKET VALUE BY SENSOR TYPES, 2013-2020 (\$MILLION)

TABLE 89 ROW: MARKET VALUE FROM CONSUMER ELECTRONICS, BY SENSOR, 2013-2020 (\$MILLION)

TABLE 90 ROW: MARKET VALUE FROM CONSUMER ELECTRONICS, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 91 NEW PRODUCT LAUNCH/DEVELOPMENT, 2012-2013

TABLE 92 AGREEMENTS, PARTNERSHIPS, JOINT VENTURES AND COLLABORATIONS, 2010-2013

TABLE 93 MERGERS AND ACQUISITIONS, 2012-2013

About

In today's world Sensors have numerous applications in consumer electronics. From location detection details with the help of GPS to touch less gesture to perform a particular function in smartphones, all this can be performed using sensors. The market is very dynamic in nature and technologies are becoming obsolete within months.

CCD (Charge Coupled Device) image sensors were popular in 1990. Now CMOS image sensors have completely replaced them across applications. Recently, organic CMOS sensors have been introduced in the market which is touted to replace the traditional silicon CMOS image sensors. Touch sensors market in consumer electronics is expected to be hugely dominated by capacitive touch sensor mainly for its better sensitivity and multi touch features. In the motion sensor market, accelerometers and gyroscopes have been driving the market. New developments in gyroscopes are focusing on reducing its power consumption and size. For position sensors market, Linear position sensors dominate the market for consumer electronics applications. Pressure sensor market is dominated by Piezoresistive using MEMS technology.

The sensors market in consumer electronics has been divided into 3 major verticals: products, applications and geography. The application vertical has been further sub-divided into Entertainment, Information Technology, Communication Products, Home Appliances and others. The geography has been sub-divided into North America, Europe, APAC and ROW.

The total value from all the sensors namely Touch, Motion, Image, Position, Pressure and Temperature for consumer electronics applications is estimated to be nearly \$ 15.27 Billion for 2013. The communication products application has the largest market share in terms of value for 2013. Apart from the demand side market drivers, the report also analyzes the supply side drivers. One of the major supply side market drivers is the growth of smart phones and tablet in the market.

I would like to order

Product name: Sensors Market in Consumer Electronics by Product (Touch, Image, Motion, Temperature, Position, Pressure), Application (Entertainment, I.T., Communication Products, Home Appliances), & Geography (North America, Europe, APAC, ROW) - Worldwide Market Forecasts and Analysis (2013 - 2020)

Product link: <https://marketpublishers.com/r/SA3CF448CF2EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SA3CF448CF2EN.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