

Global Temperature Sensor Market Research Report 2016

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Abstracts

This report studies Temperature Sensor in Global market, especially in North America, Europe, China, Japan, Taiwan and India, focuses on top manufacturers in global market, with capacity, production, price, revenue and market share for each manufacturer, covering

Analog Device

Mitsumi

Melexis

Envirodata.

Geokon

Ist

Sbe

Andiglog

Aquistar

Stmicroelectronics

Measurement Specialties

Microchip

Smartec

Slope Indicator

Philips

Texas Instruments

FTDI Chip

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Temperature Sensor in these regions, from 2011 to 2021 (forecast), like

North America

China

Europe

Japan

Taiwan

India

Row

Split by Product Types, with production, revenue, price, market share and growth rate of each type, can be divided into

Resistor temperature detectors

Thermistors

Temperature Sensor

Semiconductors

Thermometers

Split by applications, this report focuses on consumption, market share and growth rate of Temperature Sensor in each application, can be divided into

Environment Temperature & Weather

Food Safety

HVAC

Medical device

Industrial

Digital Technology

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1 Temperature Sensor Market Overview

1.1 Product Overview and Scope of Temperature Sensor

A temperature sensor is a device, typically, a thermocouple or RTD, that provides for temperature measurement through an electrical signal. A thermocouple (T/C) is made from two dissimilar metals that generate electrical voltage in direct proportion to changes in temperature.

Figure Picture of Temperature Sensor

Source: QYR aaaa Research Center, Dec. 2016

1.2 Temperature Sensor Segment by Types

1.2.1 Global Production Market Share of Temperature Sensor by Types in 2015

Figure Global Production Market Share of Temperature Sensor by Types in 2015

Source: QYR aaaa Research Center, Dec. 2016

Table Classification of Temperature Sensor

Types

Feature

Description

1

2

3

Source: QYR aaaa Research Center, Dec. 2016

1.2.2 Resistor temperature detectors

Figure Product Picture of Resistor temperature detectors

Source: QYR aaaa Research Center, Dec. 2016

Table Major Manufacturers of Resistor temperature detectors

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

?

Source: Above Companies; QYR aaaa Research Center, Dec. 2016

1.2.3 Thermistors

Figure Product Picture of Thermistors

Source: QYR aaaa Research Center, Dec. 2016

Table Major Manufacturers of Thermistors

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

?

Source: Above Companies; QYR aaaa Research Center, Dec. 2016

1.2.4 Temperature Sensor

Figure Product Picture of Temperature Sensor

Source: QYR aaaa Research Center, Dec. 2016

Table Major Manufacturers of Temperature Sensor

Manufacturers

Location of Manufacturing Bases/Factories

1

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Source: Above Companies; QYR aaaa Research Center, Dec. 2016

1.2.5 Semiconductors

Figure Product Picture of Semiconductors

Source: QYR aaaa Research Center, Dec. 2016

Table Major Manufacturers of Semiconductors

Manufacturers

Location of Manufacturing Bases/Factories

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Source: Above Companies; QYR aaaa Research Center, Dec. 2016

1.2.6 Thermometers

Figure Product Picture of Thermometers

Source: QYR aaaa Research Center, Dec. 2016

Table Major Manufacturers of Thermometers

Manufacturers

Location of Manufacturing Bases/Factories

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Source: Above Companies; QYR aaaa Research Center, Dec. 2016

1.3 Temperature Sensor Segment by Applications

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Source: QYR aaaa Research Center, Dec. 2016

Table Applications of Temperature Sensor

Applications

Feature

Description

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2

3

Source: QYR aaaa Research Center, Dec. 2016

1.3.2 Environment Temperature & Weather

Environment Temperature & Weather

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1.3.3 Food Safety

Food Safety

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HVAC

Figure HVAC Examples

Source: QYR aaaa Research Center, Dec. 2016

1.3.5 Medical device

Medical device

Figure Medical device Examples

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1.3.6 Industrial

Industrial

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Source: QYR aaaa Research Center, Dec. 2016

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2 Global Temperature Sensor Market Competition by Manufacturers

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Capacity?

2015

2016

Analog Device

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Mitsumi

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Melexis

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ENVIRONDATA.

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Geokon

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Total

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Source: Above companies; QYR aaaa Research Center, Dec. 2016

Table Global Temperature Sensor Capacity Market Share of Key Manufacturers (2015 and 2016)

Capacity?

2015

2016

Analog Device

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Mitsumi

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Melexis

?

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ENVIRONDATA.

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Geokon

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Total

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Source: Above companies; QYR aaaa Research Center, Dec. 2016

Figure Global Temperature Sensor Capacity of Key Manufacturers in 2015

Source: Above companies; QYR aaaa Research Center, Dec. 2016

Figure Global Temperature Sensor Capacity of Key Manufacturers in 2016

Source: Above companies; QYR aaaa Research Center, Dec. 2016

Table Global Temperature Sensor Production of Key Manufacturers (2015 and 2016)

Production?

2015

2016

Analog Device

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Mitsumi

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Melexis

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ENVIRONDATA.

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Geokon

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Total

?

?

Source: Above companies; QYR aaaa Research Center, Dec. 2016

Table Global Temperature Sensor Production Share by Manufacturers (2015 and 2016)

Production Share

2015

2016

Analog Device

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Mitsumi

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Total

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Source: Above companies; QYR aaaa Research Center, Dec. 2016

Figure 2015 Temperature Sensor Production Share by Manufacturers

Source: Above companies; QYR aaaa Research Center, Dec. 2016

Figure 2016 Temperature Sensor Production Share by Manufacturers

Source: Above companies; QYR aaaa Research Center, Dec. 2016

2.2 Global Temperature Sensor Revenue and Share by Manufacturers (2015 and 2016)

Table Global Temperature Sensor Revenue (Million USD) by Manufacturers (2015 and 2016)

Revenue?

2015

2016

Analog Device

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Mitsumi

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Total

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Source: Above companies; QYR aaaa Research Center, Dec. 2016

Table Global Temperature Sensor Revenue Share by Manufacturers (2015 and 2016)

Revenue Share?

2015

2016

Analog Device

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Mitsumi

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Total

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Source: Above companies; QYR aaaa Research Center, Dec. 2016

Table 2015 Global Temperature Sensor Revenue Share by Manufacturers

Source: Above companies; QYR aaaa Research Center, Dec. 2016

Table 2016 Global Temperature Sensor Revenue Share by Manufacturers

Source: Above companies; QYR aaaa Research Center, Dec. 2016

2.3 Global Temperature Sensor Average Price by Manufacturers (2015 and 2016)

Table Global Market Temperature Sensor Average Price of Key Manufacturers (2015 and 2016)

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2015

2016

Analog Device

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Mitsumi

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Total

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Source: Above companies; QYR aaaa Research Center, Dec. 2016

Figure Global Market Temperature Sensor Average Price of Key Manufacturers in 2015

Source: Above companies; QYR aaaa Research Center, Dec. 2016

2.4 Manufacturers Temperature Sensor Manufacturing Base Distribution, Sales Area, Product Types

Table Manufacturers Temperature Sensor Manufacturing Base Distribution and Sales Area

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Manufacturing Base Distribution

Sales Area

Analog Device

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Mitsumi

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Source: Above companies; QYR aaaa Research Center, Dec. 2016

Table Manufacturers Temperature Sensor Product Types

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Product Types

Analog Device

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Mitsumi

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Source: Above companies; QYR aaaa Research Center, Dec. 2016

2.5 Temperature Sensor Market Competitive Situation and Trends?

2.5.1 Temperature Sensor Market Concentration Rate

2.5.2 Temperature Sensor Market Share of Top 3 and Top 5 Manufacturers

Figure Temperature Sensor Market Share of Top 3 Manufacturers

Source: Above companies; QYR aaaa Research Center, Dec. 2016

Figure Temperature Sensor Market Share of Top 5 Manufacturers

Source: Above companies; QYR aaaa Research Center, Dec. 2016

2.5.3 Mergers & Acquisitions, Expansion

3 Global Temperature Sensor Capacity, Production, Revenue (Value) by Regions (2011-2016)

3.1 Global Temperature Sensor Capacity and Market Share by Regions (2011-2016)

Table Global Temperature Sensor Capacity by Regions (2011-2016)

?

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

?

?

?

?

?

?

Source: QYR aaaa Research Center, Dec. 2016

Figure Global Temperature Sensor Capacity Market Share by Regions (2011-2016)

?

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

?
?
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?

Source: QYR aaaa Research Center, Dec. 2016

Figure Global Temperature Sensor Capacity Market Share by Regions (2011-2016)

Source: QYR aaaa Research Center, Dec. 2016

Figure 2015 Global Temperature Sensor Capacity Market Share by Regions

Source: QYR aaaa Research Center, Dec. 2016

3.2 Global Temperature Sensor Production and Market Share by Regions (2011-2016)

Table Global Temperature Sensor Production by Regions (2011-2016)

?

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

?
?
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?
?

Source: QYR aaaa Research Center, Dec. 2016

Figure Global Temperature Sensor Production and Market Share by Regions
(2011-2016)

?

North America

Europe

China

Japan

Taiwan

India
Row
ROW
Total
?
?
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Source: QYR aaaa Research Center, Dec. 2016

Figure Global Temperature Sensor Production Market Share by Regions (2011-2016)

Source: QYR aaaa Research Center, Dec. 2016

Figure 2015 Global Temperature Sensor Production Market Share by Regions

Source: QYR aaaa Research Center, Dec. 2016

3.3 Global Temperature Sensor Revenue (Value) and Market Share by Regions (2011-2016)

Table Global Temperature Sensor Revenue by Regions (2011-2016)

?
North America
Europe
China
Japan
Taiwan
India
Row
ROW
Total

?
?
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?

Source: QYR aaaa Research Center, Dec. 2016

Table Global Temperature Sensor Revenue Market Share by Regions (2011-2016)

?
North America
Europe

China
Japan
Taiwan
India
Row
ROW
Total

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?

Source: QYR aaaa Research Center, Dec. 2016

Table 2015 Global Temperature Sensor Revenue Market Share by Regions

Source: QYR aaaa Research Center, Dec. 2016

3.4 Global Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Global Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

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Capacity

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Production

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Capacity Utilization Rate

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Revenue

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Price

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Gross Profit

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Gross Margin

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Source: QYR aaaa Research Center, Dec. 2016

3.5 North America Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table North America Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

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Capacity

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Production

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Capacity Utilization Rate

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Revenue

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Price

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Gross Profit

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Cost

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Gross Margin

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Source: QYR aaaa Research Center, Dec. 2016

3.6 Europe Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Europe Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

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Capacity

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Production

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Capacity Utilization Rate

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Revenue

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Price

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Gross Profit

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Cost

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Gross Margin

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Source: QYR aaaa Research Center, Dec. 2016

3.7 China Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table China Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

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Capacity

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Production

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Capacity Utilization Rate

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Revenue

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Price

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Gross Profit

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Cost

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Gross Margin

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Source: QYR aaaa Research Center, Dec. 2016

3.8 Japan Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Japan Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

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Capacity

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Production

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Capacity Utilization Rate

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Revenue

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Price

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Gross Profit

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Cost

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Gross Margin

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Source: QYR aaaa Research Center, Dec. 2016

3.9 Taiwan Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Taiwan Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

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Capacity

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Production

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Capacity Utilization Rate

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Revenue

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Price

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Gross Profit

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Cost

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Gross Margin

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Source: QYR aaaa Research Center, Dec. 2016

3.10 India Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin
(2011-2016)

Table India Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

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Capacity

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Production

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Capacity Utilization Rate

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Revenue

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Price

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Gross Profit

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Cost

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Gross Margin

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Source: QYR aaaa Research Center, Dec. 2016

3.11 Row Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Row Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

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Capacity

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Production

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Capacity Utilization Rate

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Revenue

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Price

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Gross Profit

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Cost

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Gross Margin

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Source: QYR aaaa Research Center, Dec. 2016

4 Global Temperature Sensor Supply (Production), Consumption, Export, Import by Regions (2011-2016)

4.1 Global Temperature Sensor Consumption by Regions (2011-2016)

Table Global Temperature Sensor Consumption Market by Regions (2011-2016)

?

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

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?

Source: QYR aaaa Research Center, Dec. 2016

Table Global Temperature Sensor Consumption Market Share by Regions (2011-2016)

?

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

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?
?

Source: QYR aaaa Research Center, Dec. 2016

Figure Global Temperature Sensor Consumption Market Share by Regions (2011-2016)

Source: QYR aaaa Research Center, Dec. 2016

Figure 2015 Global Temperature Sensor Consumption Market Share by Regions

Source: QYR aaaa Research Center, Dec. 2016

4.2 North America Temperature Sensor Production, Consumption, Export, Import by Regions (2011-2016)

Table North America Temperature Sensor Production, Consumption, Import & Export (2011-2016)

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Production

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Import

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Export

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Consumption

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Source: QYR aaaa Research Center, Dec. 2016

4.3 Europe Temperature Sensor Production, Consumption, Export, Import by Regions (2011-2016)

Table Europe Temperature Sensor Production, Consumption, Import & Export (2011-2016)

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Production

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Import

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Export

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Consumption

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Source: QYR aaaa Research Center, Dec. 2016

4.4 China Temperature Sensor Production, Consumption, Export, Import by Regions

(2011-2016)

Table China Temperature Sensor Production, Consumption, Import & Export

(2011-2016)

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Production

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Import

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Export

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Consumption

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Source: QYR aaaa Research Center, Dec. 2016

4.5 Japan Temperature Sensor Production, Consumption, Export, Import by Regions

(2011-2016)

Table Japan Temperature Sensor Production, Consumption, Import & Export

(2011-2016)

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Production

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Import

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Export

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Consumption

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Source: QYR aaaa Research Center, Dec. 2016

4.6 Taiwan Temperature Sensor Production, Consumption, Export, Import by Regions
(2011-2016)

Table Taiwan Temperature Sensor Production, Consumption, Import & Export
(2011-2016)

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Production

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Import

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Export

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Consumption

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Source: QYR aaaa Research Center, Dec. 2016

4.7 India Temperature Sensor Production, Consumption, Export, Import by Regions
(2011-2016)

Table India Temperature Sensor Production, Consumption, Import & Export
(2011-2016)

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Production

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Import

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Export

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Consumption

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Source: QYR aaaa Research Center, Dec. 2016

4.8 Row Temperature Sensor Production, Consumption, Export, Import by Regions
(2011-2016)

Table Row Temperature Sensor Production, Consumption, Import & Export (2011-2016)

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Production

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Import

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Export

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Consumption

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Source: QYR aaaa Research Center, Dec. 2016

5 Global Temperature Sensor Production, Revenue (Value), Price Trend by Types

5.1 Global Temperature Sensor Production and Market Share by Types (2011-2016)

Table Global Temperature Sensor Production by Types (2011-2016)

?

Resistor temperature detectors

Thermistors

?

Total

Source: QYR aaaa Research Center, Dec. 2016

Table Global Temperature Sensor Production Share by Types (2011-2016)

?

Resistor temperature detectors

Thermistors

?

Total

?

?

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?

Source: QYR aaaa Research Center, Dec. 2016

Figure Production Market Share of Temperature Sensor by Types (2011-2016)

Source: QYR aaaa Research Center, Dec. 2016

Figure 2015 Production Market Share of Temperature Sensor by Types

Source: QYR aaaa Research Center, Dec. 2016

5.2 Global Temperature Sensor Revenue and Market Share by Types (2011-2016)

Table Global Temperature Sensor Revenue by Types (2011-2016)

?

Resistor temperature detectors

Thermistors

?

Total

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?

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?

Source: QYR aaaa Research Center, Dec. 2016

Table Global Temperature Sensor Revenue Share by Types (2011-2016)

?

Resistor temperature detectors

Thermistors

?

Total

?

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?

Source: QYR aaaa Research Center, Dec. 2016

Figure Production Revenue Share of Temperature Sensor by Types (2011-2016)

Source: QYR aaaa Research Center, Dec. 2016

Figure 2015 Revenue Market Share of Temperature Sensor by Types

Source: QYR aaaa Research Center, Dec. 2016

5.3 Global Temperature Sensor Price by Type (2011-2016)

Table Global Temperature Sensor Price by Types (2011-2016)

?

Resistor temperature detectors

Thermistors

?

Total

Source: QYR aaaa Research Center, Dec. 2016

5.4 Global Temperature Sensor Production Growth by Type (2011-2016)

Figure Global Temperature Sensor Production Growth by Type (2011-2016)

Source: QYR aaaa Research Center, Dec. 2016

6 Global Temperature Sensor Market Analysis by Applications

6.1 Global Temperature Sensor Consumption and Market Share by Applications
(2011-2016)

Table Global Temperature Sensor Consumption by Applications (2011-2016)

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Environment Temperature & Weather

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Food Safety

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Total

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Source: QYR aaaa Research Center, Dec. 2016

Table Global Temperature Sensor Consumption Market Share by Applications
(2011-2016)

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Environment Temperature & Weather

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Food Safety

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Total

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Source: QYR aaaa Research Center, Dec. 2016

Figure Global Temperature Sensor Consumption Market Share by Applications in 2015

Source: QYR aaaa Research Center, Dec. 2016

6.2 Global Temperature Sensor Consumption Growth Rate by Applications (2011-2016)

Table Global Temperature Sensor Consumption Growth Rate by Applications
(2011-2016)

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Environment Temperature & Weather

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Food Safety

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Source: QYR aaaa Research Center, Dec. 2016

Figure Global Temperature Sensor Consumption Growth Rate by Applications
(2011-2016)

Source: QYR aaaa Research Center, Dec. 2016

6.3 Market Drivers and Opportunities

6.3.1 Potential Applications

6.3.2 Emerging Markets/Countries

7 Global Temperature Sensor Manufacturers Profiles/Analysis

7.1 Analog Device

7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its
Competitors

Table Analog Device Basic Information, Manufacturing Base, Sales Area and Its
Competitors

#

Item

Description

1

Company Name

2

Website

3

Commercial Production Date of Temperature Sensor

4

Manufacturing Locations of Temperature Sensor

5

Temperature Sensor Sales Area

6

Main Business/Business Overview

7

Contact Information

Source: Analog Device; QYR aaaa Research Center, Dec. 2016

7.1.2 Temperature Sensor Product Types, Application and Specification

7.1.2.1 Type one

7.1.2.2 Type two

7.1.3 Analog Device Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Table Analog Device Temperature Sensor Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

?

2015

2016

Capacity

?

?

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