

Temperature Sensor Market Size and Forecast (2020 - 2030), Global and Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Type (Thermocouple, Resistance Temperature Detectors (RTDs), Thermistor, Infrared, and Others), Connectivity (Wired and Wireless), and End User (Semiconductor Manufacturing, Healthcare and Pharma, Food and Beverages, Data Center, Aerospace, Energy and Utilities, and Others)

<https://marketpublishers.com/r/TBF783EA8B36EN.html>

Date: March 2024

Pages: 268

Price: US\$ 5,190.00 (Single User License)

ID: TBF783EA8B36EN

Abstracts

The temperature sensor market size is expected to reach from US\$ 6.01 billion in 2022 and is expected to reach US\$ 9.66 billion by 2030; it is estimated to record a CAGR of 6.3% from 2023 to 2030 .

The Asia Pacific temperature sensor market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. In terms of revenue, China dominated the APAC temperature sensor market share. The temperature sensor market in China is projected to expand at a significant rate in the near future due to ue to the rising initiatives taken by the government to expand semiconductor manufacturing. The increasing government initiatives in semiconductor manufacturing. According to the Center for Strategic & International Studies report, China, the world's largest consumer of semiconductors, accounted for a staggering 53.7% of global demand in 2020. China domestically produces ~16% of its semiconductor requirements. China launched several initiatives, including the National Integrated Circuit Industry Investment Fund (CICF), which is a state-backed fund supporting the development of the domestic chip industry. Temperature sensors play an important role in semiconductor manufacturing

processes, ensuring precise control and monitoring of temperatures at various stages. Therefore, with the increasing the rising government initiatives in to expand the semiconductor manufacturing, the demand industry are expected to positively influence the for temperature sensors is increasing in China, which fuels the temperature sensor market growth in the country.

Based on end user, the temperature sensor market is segmented into semiconductor manufacturing, aerospace, healthcare & pharma, food & beverages, energy & utility, data centers, and others. The semiconductor manufacturing is estimated to hold a significant temperature sensor market share by 2030. Temperature sensors play an important role in semiconductor manufacturing processes, ensuring precise control and monitoring of temperatures at various stages. During photolithography, where patterns are transferred onto semiconductor wafers, temperature control is crucial for ensuring accurate and repeatable results. Temperature sensors help maintain the optimal temperature for photoresist exposure and development. In thin film deposition processes such as chemical vapor deposition (CVD) and physical vapor deposition (PVD), temperature sensors are employed to control and monitor the substrate temperature. Consistent temperatures are essential for uniform film thickness. Also, semiconductor devices undergo testing at various temperatures to ensure functionality across a range of operating conditions. Temperature sensors within testing equipment maintain a controlled environment for accurate performance assessments. Temperature sensors are used in die-attach processes, where semiconductor chips are attached to substrates or packages. Controlling the temperature during this process ensures proper bonding and prevents damage to sensitive components. Thus, temperature sensors in semiconductor manufacturing contribute to precise control and monitoring at each stage of the process.

Temperature sensors in medical applications such as Polymerase Chain Reaction (PCR) thermal cyclers, Haemodialysis, and Sterilization of medical equipment demand and require reliable and accurate monitoring of critical temperature measurement. Temperature sensors help regulate and monitor the temperature of fluids in infusion systems, ensuring that medications and fluids administered to patients are at the correct temperature for optimal efficacy and safety. In devices such as ventilators, temperature sensors ensure that the air or oxygen delivered to patients is at an appropriate temperature, preventing discomfort and potential harm. Also, temperature sensors are used to monitor and maintain the required cold chain conditions during the storage and transportation of vaccines and other temperature-sensitive pharmaceuticals. Pharmaceuticals such as biologics and certain drugs are often sensitive to temperature variations. All these factors are boosting the need for temperature sensors, which drives

the temperature sensor market growth.

Texas Instruments Inc, Siemens AG, TE Connectivity Ltd, Amphenol Corp, Analog Devices Inc, Emerson Electric Co, Microchip Technology Inc, Panasonic Holdings Corp, Honeywell International Inc, and NXP Semiconductors NV are among the key players profiled in the temperature sensor market report. The temperature sensor market report also provides detailed market insights, which help the key players strategize their growth.

The overall temperature sensor market size has been derived using both primary and secondary sources. Exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the temperature sensor market analysis. The report includes growth prospects in light of current temperature sensor market trends and driving factors influencing the market growth. The process also helps obtain an overview and forecast of the market with respect to all the market segments. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain analytical insights. This process includes industry experts such as VPs, business development managers, market intelligence managers, and national sales managers, along with external consultants such as valuation experts, research analysts, and key opinion leaders, specializing in the temperature sensor market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. TEMPERATURE SENSOR MARKET LANDSCAPE

- 4.1 Overview
- 4.2 PEST Analysis
- 4.3 Ecosystem Analysis
 - 4.3.1 List of Vendors in the Value Chain
- 4.4 Premium Insights
 - 4.4.1 Pricing Analysis by Type (US\$/Unit)
 - 4.4.2 Product Benchmarking by End Users

5. TEMPERATURE SENSOR MARKET – KEY MARKET DYNAMICS

- 5.1 Temperature Sensor Market – Key Market Dynamics
- 5.2 Market Drivers
 - 5.2.1 Growing Adoption Across Various Industries
 - 5.2.2 Increasing number of Data Centers
 - 5.2.3 Strategic Initiatives by Government
- 5.3 Market Restraints
 - 5.3.1 High Costs Associated with the Temperature Sensors
- 5.4 Market Opportunities
 - 5.4.1 Evolution of Industry 4.0

5.4.2 Rising Demand for Wireless Temperature Sensors

5.5 Future Trends

5.5.1 Miniaturization of Temperature Sensors

5.6 Impact of Drivers and Restraints:

6. TEMPERATURE SENSOR MARKET – GLOBAL MARKET ANALYSIS

6.1 Temperature Sensor Market Revenue (US\$ Million), 2023–2030

6.2 Temperature Sensor Market Forecast Analysis

7. TEMPERATURE SENSOR MARKET ANALYSIS – BY TYPE

7.1 Thermocouple

7.1.1 Overview

7.1.2 Thermocouple: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

7.2 Resistance Temperature Detectors (RTD)

7.2.1 Overview

7.2.2 Resistance Temperature Detectors (RTD): Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

7.3 Thermistor

7.3.1 Overview

7.3.2 Thermistor: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

7.4 Infrared

7.4.1 Overview

7.4.2 Infrared: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

7.5 Others

7.5.1 Overview

7.5.2 Others: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

8. TEMPERATURE SENSOR MARKET ANALYSIS – BY CONNECTIVITY

8.1 Wired

8.1.1 Overview

8.1.2 Wired: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

8.2 Wireless

8.2.1 Overview

8.2.2 Wireless: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

9. TEMPERATURE SENSOR MARKET ANALYSIS – BY END USERS

9.1 Semiconductor Manufacturing

9.1.1 Overview

9.1.2 Semiconductor Manufacturing: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

9.2 Healthcare and Pharma

9.2.1 Overview

9.2.2 Healthcare and Pharma: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

9.3 Food and Beverage

9.3.1 Overview

9.3.2 Food and Beverage: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

9.4 Data Center

9.4.1 Overview

9.4.2 Data Center: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

9.5 Aerospace

9.5.1 Overview

9.5.2 Aerospace: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

9.6 Energy and Utilities

9.6.1 Overview

9.6.2 Energy and Utilities: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

9.7 Others

9.7.1 Overview

9.7.2 Others: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10. TEMPERATURE SENSOR MARKET – GEOGRAPHICAL ANALYSIS

10.1 Overview

10.2 North America

10.2.1 North America Temperature Sensor Market Overview

10.2.2 North America: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.2.3 North America: Temperature Sensor Market Breakdown, by Type

10.2.3.1 North America: Temperature Sensor Market – Revenue and Forecast Analysis – by Type

10.2.4 North America: Temperature Sensor Market Breakdown, by Connectivity

10.2.4.1 North America: Temperature Sensor Market – Revenue and Forecast Analysis – by Connectivity

10.2.5 North America: Temperature Sensor Market Breakdown, by End Users

10.2.5.1 North America: Temperature Sensor Market – Revenue and Forecast Analysis – by End Users

10.2.6 North America: Temperature Sensor Market – Revenue and Forecast Analysis – by Country

10.2.6.1 North America: Temperature Sensor Market – Revenue and Forecast Analysis – by Country

10.2.6.2 United States: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.2.6.2.1 United States: Temperature Sensor Market Breakdown, by Type

10.2.6.2.2 United States: Temperature Sensor Market Breakdown, by Connectivity

10.2.6.2.3 United States: Temperature Sensor Market Breakdown, by End Users

10.2.6.3 Canada: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.2.6.3.1 Canada: Temperature Sensor Market Breakdown, by Type

10.2.6.3.2 Canada: Temperature Sensor Market Breakdown, by Connectivity

10.2.6.3.3 Canada: Temperature Sensor Market Breakdown, by End Users

10.2.6.4 Mexico: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.2.6.4.1 Mexico: Temperature Sensor Market Breakdown, by Type

10.2.6.4.2 Mexico: Temperature Sensor Market Breakdown, by Connectivity

10.2.6.4.3 Mexico: Temperature Sensor Market Breakdown, by End Users

10.3 Europe

10.3.1 Europe Temperature Sensor Market Overview

10.3.2 Europe: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.3.3 Europe: Temperature Sensor Market Breakdown, by Type

10.3.3.1 Europe: Temperature Sensor Market – Revenue and Forecast Analysis – by Type

- 10.3.4 Europe: Temperature Sensor Market Breakdown, by Connectivity
 - 10.3.4.1 Europe: Temperature Sensor Market – Revenue and Forecast Analysis – by Connectivity
- 10.3.5 Europe: Temperature Sensor Market Breakdown, by End Users
 - 10.3.5.1 Europe: Temperature Sensor Market – Revenue and Forecast Analysis – by End Users
- 10.3.6 Europe: Temperature Sensor Market – Revenue and Forecast Analysis – by Country
 - 10.3.6.1 Europe: Temperature Sensor Market – Revenue and Forecast Analysis – by Country
 - 10.3.6.2 Germany: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.3.6.2.1 Germany: Temperature Sensor Market Breakdown, by Type
 - 10.3.6.2.2 Germany: Temperature Sensor Market Breakdown, by Connectivity
 - 10.3.6.2.3 Germany: Temperature Sensor Market Breakdown, by End Users
 - 10.3.6.3 United Kingdom: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.3.6.3.1 United Kingdom: Temperature Sensor Market Breakdown, by Type
 - 10.3.6.3.2 United Kingdom: Temperature Sensor Market Breakdown, by Connectivity
 - 10.3.6.3.3 United Kingdom: Temperature Sensor Market Breakdown, by End Users
 - 10.3.6.4 France: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.3.6.4.1 France: Temperature Sensor Market Breakdown, by Type
 - 10.3.6.4.2 France: Temperature Sensor Market Breakdown, by Connectivity
 - 10.3.6.4.3 France: Temperature Sensor Market Breakdown, by End Users
 - 10.3.6.5 Italy: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.3.6.5.1 Italy: Temperature Sensor Market Breakdown, by Type
 - 10.3.6.5.2 Italy: Temperature Sensor Market Breakdown, by Connectivity
 - 10.3.6.5.3 Italy: Temperature Sensor Market Breakdown, by End Users
 - 10.3.6.6 Russia: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.3.6.6.1 Russia: Temperature Sensor Market Breakdown, by Type
 - 10.3.6.6.2 Russia: Temperature Sensor Market Breakdown, by Connectivity
 - 10.3.6.6.3 Russia: Temperature Sensor Market Breakdown, by End Users
 - 10.3.6.7 Rest of Europe: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.3.6.7.1 Rest of Europe: Temperature Sensor Market Breakdown, by Type

10.3.6.7.2 Rest of Europe: Temperature Sensor Market Breakdown, by Connectivity

10.3.6.7.3 Rest of Europe: Temperature Sensor Market Breakdown, by End Users

10.4 Asia Pacific

10.4.1 Asia Pacific Temperature Sensor Market Overview

10.4.2 Asia Pacific: Temperature Sensor Market – Revenue and Forecast to 2030
(US\$ Million)

10.4.3 Asia Pacific: Temperature Sensor Market Breakdown, by Type

10.4.3.1 Asia Pacific: Temperature Sensor Market – Revenue and Forecast Analysis
– by Type

10.4.4 Asia Pacific: Temperature Sensor Market Breakdown, by Connectivity

10.4.4.1 Asia Pacific: Temperature Sensor Market – Revenue and Forecast Analysis
– by Connectivity

10.4.5 Asia Pacific: Temperature Sensor Market Breakdown, by End Users

10.4.5.1 Asia Pacific: Temperature Sensor Market – Revenue and Forecast Analysis
– by End Users

10.4.6 Asia Pacific: Temperature Sensor Market – Revenue and Forecast Analysis –
by Country

10.4.6.1 Asia Pacific: Temperature Sensor Market – Revenue and Forecast Analysis
– by Country

10.4.6.2 China: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$
Million)

10.4.6.2.1 China: Temperature Sensor Market Breakdown, by Type

10.4.6.2.2 China: Temperature Sensor Market Breakdown, by Connectivity

10.4.6.2.3 China: Temperature Sensor Market Breakdown, by End Users

10.4.6.3 Japan: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$
Million)

10.4.6.3.1 Japan: Temperature Sensor Market Breakdown, by Type

10.4.6.3.2 Japan: Temperature Sensor Market Breakdown, by Connectivity

10.4.6.3.3 Japan: Temperature Sensor Market Breakdown, by End Users

10.4.6.4 South Korea: Temperature Sensor Market – Revenue and Forecast to 2030
(US\$ Million)

10.4.6.4.1 South Korea: Temperature Sensor Market Breakdown, by Type

10.4.6.4.2 South Korea: Temperature Sensor Market Breakdown, by Connectivity

10.4.6.4.3 South Korea: Temperature Sensor Market Breakdown, by End Users

10.4.6.5 India: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$
Million)

10.4.6.5.1 India: Temperature Sensor Market Breakdown, by Type

10.4.6.5.2 India: Temperature Sensor Market Breakdown, by Connectivity

10.4.6.5.3 India: Temperature Sensor Market Breakdown, by End Users

10.4.6.6 Australia: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.4.6.6.1 Australia: Temperature Sensor Market Breakdown, by Type

10.4.6.6.2 Australia: Temperature Sensor Market Breakdown, by Connectivity

10.4.6.6.3 Australia: Temperature Sensor Market Breakdown, by End Users

10.4.6.7 Rest of APAC: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.4.6.7.1 Rest of APAC: Temperature Sensor Market Breakdown, by Type

10.4.6.7.2 Rest of APAC: Temperature Sensor Market Breakdown, by Connectivity

10.4.6.7.3 Rest of APAC: Temperature Sensor Market Breakdown, by End Users

10.5 Middle East and Africa

10.5.1 Middle East and Africa Temperature Sensor Market Overview

10.5.2 Middle East and Africa: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.5.3 Middle East and Africa: Temperature Sensor Market Breakdown, by Type

10.5.3.1 Middle East and Africa: Temperature Sensor Market – Revenue and Forecast Analysis – by Type

10.5.4 Middle East and Africa: Temperature Sensor Market Breakdown, by Connectivity

10.5.4.1 Middle East and Africa: Temperature Sensor Market – Revenue and Forecast Analysis – by Connectivity

10.5.5 Middle East and Africa: Temperature Sensor Market Breakdown, by End Users

10.5.5.1 Middle East and Africa: Temperature Sensor Market – Revenue and Forecast Analysis – by End Users

10.5.6 Middle East and Africa: Temperature Sensor Market – Revenue and Forecast Analysis – by Country

10.5.6.1 Middle East and Africa: Temperature Sensor Market – Revenue and Forecast Analysis – by Country

10.5.6.2 United Arab Emirates: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.5.6.2.1 United Arab Emirates: Temperature Sensor Market Breakdown, by Type

10.5.6.2.2 United Arab Emirates: Temperature Sensor Market Breakdown, by Connectivity

10.5.6.2.3 United Arab Emirates: Temperature Sensor Market Breakdown, by End Users

10.5.6.3 Saudi Arabia: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.5.6.3.1 Saudi Arabia: Temperature Sensor Market Breakdown, by Type

10.5.6.3.2 Saudi Arabia: Temperature Sensor Market Breakdown, by Connectivity

- 10.5.6.3.3 Saudi Arabia: Temperature Sensor Market Breakdown, by End Users
- 10.5.6.4 South Africa: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.5.6.4.1 South Africa: Temperature Sensor Market Breakdown, by Type
 - 10.5.6.4.2 South Africa: Temperature Sensor Market Breakdown, by Connectivity
 - 10.5.6.4.3 South Africa: Temperature Sensor Market Breakdown, by End Users
- 10.5.6.5 Rest of Middle East and Africa: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.5.6.5.1 Rest of Middle East and Africa: Temperature Sensor Market Breakdown, by Type
 - 10.5.6.5.2 Rest of Middle East and Africa: Temperature Sensor Market Breakdown, by Connectivity
 - 10.5.6.5.3 Rest of Middle East and Africa: Temperature Sensor Market Breakdown, by End Users
- 10.6 South and Central America
 - 10.6.1 South and Central America Temperature Sensor Market Overview
 - 10.6.2 South and Central America: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.6.3 South and Central America: Temperature Sensor Market Breakdown, by Type
 - 10.6.3.1 South and Central America: Temperature Sensor Market – Revenue and Forecast Analysis – by Type
 - 10.6.4 South and Central America: Temperature Sensor Market Breakdown, by Connectivity
 - 10.6.4.1 South and Central America: Temperature Sensor Market – Revenue and Forecast Analysis – by Connectivity
 - 10.6.5 South and Central America: Temperature Sensor Market Breakdown, by End Users
 - 10.6.5.1 South and Central America: Temperature Sensor Market – Revenue and Forecast Analysis – by End Users
 - 10.6.6 South and Central America: Temperature Sensor Market – Revenue and Forecast Analysis – by Country
 - 10.6.6.1 South and Central America: Temperature Sensor Market – Revenue and Forecast Analysis – by Country
 - 10.6.6.2 Brazil: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)
 - 10.6.6.2.1 Brazil: Temperature Sensor Market Breakdown, by Type
 - 10.6.6.2.2 Brazil: Temperature Sensor Market Breakdown, by Connectivity
 - 10.6.6.2.3 Brazil: Temperature Sensor Market Breakdown, by End Users
 - 10.6.6.3 Argentina: Temperature Sensor Market – Revenue and Forecast to 2030

(US\$ Million)

10.6.6.3.1 Argentina: Temperature Sensor Market Breakdown, by Type

10.6.6.3.2 Argentina: Temperature Sensor Market Breakdown, by Connectivity

10.6.6.3.3 Argentina: Temperature Sensor Market Breakdown, by End Users

10.6.6.4 Rest of South and Central America: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

10.6.6.4.1 Rest of South and Central America: Temperature Sensor Market Breakdown, by Type

10.6.6.4.2 Rest of South and Central America: Temperature Sensor Market Breakdown, by Connectivity

10.6.6.4.3 Rest of South and Central America: Temperature Sensor Market Breakdown, by End Users

11. COMPETITIVE LANDSCAPE

11.1 Company Positioning & Concentration

11.2 Heat Map Analysis by Key Players

11.3 Market Share Analysis

11.4 Competitive Benchmarking

12. INDUSTRY LANDSCAPE

12.1 Overview

12.2 Market Initiative

12.3 Product Development

12.4 Mergers & Acquisitions

13. COMPANY PROFILES

13.1 Texas Instruments Inc

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Siemens AG

13.2.1 Key Facts

13.2.2 Business Description

- 13.2.3 Products and Services
- 13.2.4 Financial Overview
- 13.2.5 SWOT Analysis
- 13.2.6 Key Developments
- 13.3 TE Connectivity Ltd
 - 13.3.1 Key Facts
 - 13.3.2 Business Description
 - 13.3.3 Products and Services
 - 13.3.4 Financial Overview
 - 13.3.5 SWOT Analysis
 - 13.3.6 Key Developments
- 13.4 Amphenol Corp
 - 13.4.1 Key Facts
 - 13.4.2 Business Description
 - 13.4.3 Products and Services
 - 13.4.4 Financial Overview
 - 13.4.5 SWOT Analysis
 - 13.4.6 Key Developments
- 13.5 Analog Devices Inc
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments
- 13.6 Emerson Electric Co
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments
- 13.7 Microchip Technology Inc
 - 13.7.1 Key Facts
 - 13.7.2 Business Description
 - 13.7.3 Products and Services
 - 13.7.4 Financial Overview
 - 13.7.5 SWOT Analysis
 - 13.7.6 Key Developments

13.8 Panasonic Holdings Corp

13.8.1 Key Facts

13.8.2 Business Description

13.8.3 Products and Services

13.8.4 Financial Overview

13.8.5 SWOT Analysis

13.8.6 Key Developments

13.9 Honeywell International Inc

13.9.1 Key Facts

13.9.2 Business Description

13.9.3 Products and Services

13.9.4 Financial Overview

13.9.5 SWOT Analysis

13.9.6 Key Developments

13.10 NXP Semiconductors NV

13.10.1 Key Facts

13.10.2 Business Description

13.10.3 Products and Services

13.10.4 Financial Overview

13.10.5 SWOT Analysis

13.10.6 Key Developments

14. APPENDIX

14.1 Word Index

14.2 About The Insight Partners

List Of Tables

LIST OF TABLES

Table 1. Temperature Sensor Market Segmentation

Table 2. List of Vendors

Table 3. Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

Table 4. Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million) – by Type

Table 5. Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million) – by Connectivity

Table 6. Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million) – by End Users

Table 7. North America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 8. North America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 9. North America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 10. North America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Country

Table 11. United States: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 12. United States: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 13. United States: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 14. Canada: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 15. Canada: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 16. Canada: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 17. Mexico: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 18. Mexico: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 19. Mexico: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 20. Europe: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 21. Europe: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 22. Europe: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 23. Europe: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Country

Table 24. Germany: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 25. Germany: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 26. Germany: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 27. United Kingdom: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 28. United Kingdom: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 29. United Kingdom: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 30. France: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 31. France: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 32. France: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 33. Italy: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 34. Italy: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 35. Italy: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 36. Russia: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 37. Russia: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 38. Russia: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 39. Rest of Europe: Temperature Sensor Market – Revenue and Forecast to

2030(US\$ Million) – by Type

Table 40. Rest of Europe: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 41. Rest of Europe: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 42. Asia Pacific: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 43. Asia Pacific: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 44. Asia Pacific: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 45. Asia Pacific: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Country

Table 46. China: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 47. China: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 48. China: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 49. Japan: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 50. Japan: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 51. Japan: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 52. South Korea: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 53. South Korea: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 54. South Korea: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 55. India: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 56. India: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 57. India: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 58. Australia: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 59. Australia: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 60. Australia: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 61. Rest of APAC: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 62. Rest of APAC: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 63. Rest of APAC: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 64. Middle East and Africa: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 65. Middle East and Africa: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 66. Middle East and Africa: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 67. Middle East and Africa: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Country

Table 68. United Arab Emirates: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 69. United Arab Emirates: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 70. United Arab Emirates: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 71. Saudi Arabia: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 72. Saudi Arabia: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 73. Saudi Arabia: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 74. South Africa: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 75. South Africa: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 76. South Africa: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 77. Rest of Middle East and Africa: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 78. Rest of Middle East and Africa: Temperature Sensor Market – Revenue and

Forecast to 2030(US\$ Million) – by Connectivity

Table 79. Rest of Middle East and Africa: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 80. South and Central America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 81. South and Central America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 82. South and Central America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 83. South and Central America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Country

Table 84. Brazil: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 85. Brazil: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 86. Brazil: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 87. Argentina: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 88. Argentina: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 89. Argentina: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 90. Rest of South and Central America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Type

Table 91. Rest of South and Central America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by Connectivity

Table 92. Rest of South and Central America: Temperature Sensor Market – Revenue and Forecast to 2030(US\$ Million) – by End Users

Table 93. Company Positioning & Concentration

Table 94. Competitive Benchmarking

Table 95. List of Abbreviation

List Of Figures

LIST OF FIGURES

Figure 1. Temperature Sensor Market Segmentation, by Geography

Figure 2. PEST Analysis

Figure 3. Impact Analysis of Drivers and Restraints

Figure 4. Temperature Sensor Market Revenue (US\$ Million), 2023–2030

Figure 5. Temperature Sensor Market Share (%) – by Type (2023 and 2030)

Figure 6. Thermocouple: Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 7. Resistance Temperature Detectors (RTD): Temperature Sensor Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 8. Thermistor: Temperature

I would like to order

Product name: Temperature Sensor Market Size and Forecast (2020 - 2030), Global and Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Type (Thermocouple, Resistance Temperature Detectors (RTDs), Thermistor, Infrared, and Others), Connectivity (Wired and Wireless), and End User (Semiconductor Manufacturing, Healthcare and Pharma, Food and Beverages, Data Center, Aerospace, Energy and Utilities, and Others)

Product link: <https://marketpublishers.com/r/TBF783EA8B36EN.html>

Price: US\$ 5,190.00 (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/TBF783EA8B36EN.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