

Global Digital Integrated Circuit Temperature Sensor Market Research Report 2024, Forecast to 2032

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Abstracts

Report Overview

An integrated circuit temperature sensor is a sensor made using a silicon semiconductor integration process, also known as a silicon sensor or a monolithic integrated temperature sensor. More precise and reliable than traditional mechanical devices because it can more accurately detect real-world analog signals such as voltage, pressure, motion, light and temperature. This report studies digital integrated circuit temperature sensors.

The global Digital Integrated Circuit Temperature Sensor market size was estimated at USD 3516 million in 2023 and is projected to reach USD 7387.84 million by 2032, exhibiting a CAGR of 8.60% during the forecast period.

North America Digital Integrated Circuit Temperature Sensor market size was estimated at USD 1056.22 million in 2023, at a CAGR of 7.37% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global Digital Integrated Circuit Temperature Sensor market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business

organization. The report structure also focuses on the competitive landscape of the Global Digital Integrated Circuit Temperature Sensor Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Digital Integrated Circuit Temperature Sensor market in any manner.

Global Digital Integrated Circuit Temperature Sensor Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Analog Devices

Texas Instruments

Microchip

NXP Semiconductors

STMicroelectronics

ams-OSRAM

ROHM

Silicon Laboratories

TE Connectivity

Panasonic

ON Semiconductor

Innovative Sensor Technology IST

MinebeaMitsumi

Wurth Elektronik

Shandong Huake Semiconductor Research Institute Co.

Ltd

Sensylink Microelectronics Co.

Ltd.

Market Segmentation (by Type)

0.2 Degrees

0.2-0.5 Degrees

0.5-1 Degrees

Other

Market Segmentation (by Application)

Consumer Electronics

Automotive Electronics

Industrial Manufacturing

Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Digital Integrated Circuit Temperature Sensor Market

Overview of the regional outlook of the Digital Integrated Circuit Temperature Sensor Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with

historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Digital Integrated Circuit Temperature Sensor Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region from the consumer side and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Digital Integrated Circuit Temperature Sensor, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

Chapter 13 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Digital Integrated Circuit Temperature Sensor

1.2 Key Market Segments

1.2.1 Digital Integrated Circuit Temperature Sensor Segment by Type

1.2.2 Digital Integrated Circuit Temperature Sensor Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 DIGITAL INTEGRATED CIRCUIT TEMPERATURE SENSOR MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Digital Integrated Circuit Temperature Sensor Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global Digital Integrated Circuit Temperature Sensor Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 DIGITAL INTEGRATED CIRCUIT TEMPERATURE SENSOR MARKET COMPETITIVE LANDSCAPE

3.1 Global Digital Integrated Circuit Temperature Sensor Sales by Manufacturers (2019-2024)

3.2 Global Digital Integrated Circuit Temperature Sensor Revenue Market Share by Manufacturers (2019-2024)

3.3 Digital Integrated Circuit Temperature Sensor Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Digital Integrated Circuit Temperature Sensor Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Digital Integrated Circuit Temperature Sensor Sales Sites, Area Served, Product Type

3.6 Digital Integrated Circuit Temperature Sensor Market Competitive Situation and Trends

3.6.1 Digital Integrated Circuit Temperature Sensor Market Concentration Rate

3.6.2 Global 5 and 10 Largest Digital Integrated Circuit Temperature Sensor Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 DIGITAL INTEGRATED CIRCUIT TEMPERATURE SENSOR INDUSTRY CHAIN ANALYSIS

4.1 Digital Integrated Circuit Temperature Sensor Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF DIGITAL INTEGRATED CIRCUIT TEMPERATURE SENSOR MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 DIGITAL INTEGRATED CIRCUIT TEMPERATURE SENSOR MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Digital Integrated Circuit Temperature Sensor Sales Market Share by Type (2019-2024)

6.3 Global Digital Integrated Circuit Temperature Sensor Market Size Market Share by Type (2019-2024)

6.4 Global Digital Integrated Circuit Temperature Sensor Price by Type (2019-2024)

7 DIGITAL INTEGRATED CIRCUIT TEMPERATURE SENSOR MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Digital Integrated Circuit Temperature Sensor Market Sales by Application (2019-2024)
- 7.3 Global Digital Integrated Circuit Temperature Sensor Market Size (M USD) by Application (2019-2024)
- 7.4 Global Digital Integrated Circuit Temperature Sensor Sales Growth Rate by Application (2019-2024)

8 DIGITAL INTEGRATED CIRCUIT TEMPERATURE SENSOR MARKET CONSUMPTION BY REGION

- 8.1 Global Digital Integrated Circuit Temperature Sensor Sales by Region
 - 8.1.1 Global Digital Integrated Circuit Temperature Sensor Sales by Region
 - 8.1.2 Global Digital Integrated Circuit Temperature Sensor Sales Market Share by Region
- 8.2 North America
 - 8.2.1 North America Digital Integrated Circuit Temperature Sensor Sales by Country
 - 8.2.2 U.S.
 - 8.2.3 Canada
 - 8.2.4 Mexico
- 8.3 Europe
 - 8.3.1 Europe Digital Integrated Circuit Temperature Sensor Sales by Country
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 U.K.
 - 8.3.5 Italy
 - 8.3.6 Russia
- 8.4 Asia Pacific
 - 8.4.1 Asia Pacific Digital Integrated Circuit Temperature Sensor Sales by Region
 - 8.4.2 China
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 India
 - 8.4.6 Southeast Asia
- 8.5 South America
 - 8.5.1 South America Digital Integrated Circuit Temperature Sensor Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Digital Integrated Circuit Temperature Sensor Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 DIGITAL INTEGRATED CIRCUIT TEMPERATURE SENSOR MARKET PRODUCTION BY REGION

9.1 Global Production of Digital Integrated Circuit Temperature Sensor by Region (2019-2024)

9.2 Global Digital Integrated Circuit Temperature Sensor Revenue Market Share by Region (2019-2024)

9.3 Global Digital Integrated Circuit Temperature Sensor Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America Digital Integrated Circuit Temperature Sensor Production

9.4.1 North America Digital Integrated Circuit Temperature Sensor Production Growth Rate (2019-2024)

9.4.2 North America Digital Integrated Circuit Temperature Sensor Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe Digital Integrated Circuit Temperature Sensor Production

9.5.1 Europe Digital Integrated Circuit Temperature Sensor Production Growth Rate (2019-2024)

9.5.2 Europe Digital Integrated Circuit Temperature Sensor Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan Digital Integrated Circuit Temperature Sensor Production (2019-2024)

9.6.1 Japan Digital Integrated Circuit Temperature Sensor Production Growth Rate (2019-2024)

9.6.2 Japan Digital Integrated Circuit Temperature Sensor Production, Revenue, Price and Gross Margin (2019-2024)

9.7 China Digital Integrated Circuit Temperature Sensor Production (2019-2024)

9.7.1 China Digital Integrated Circuit Temperature Sensor Production Growth Rate (2019-2024)

9.7.2 China Digital Integrated Circuit Temperature Sensor Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 Analog Devices

10.1.1 Analog Devices Digital Integrated Circuit Temperature Sensor Basic Information

10.1.2 Analog Devices Digital Integrated Circuit Temperature Sensor Product Overview

10.1.3 Analog Devices Digital Integrated Circuit Temperature Sensor Product Market Performance

10.1.4 Analog Devices Business Overview

10.1.5 Analog Devices Digital Integrated Circuit Temperature Sensor SWOT Analysis

10.1.6 Analog Devices Recent Developments

10.2 Texas Instruments

10.2.1 Texas Instruments Digital Integrated Circuit Temperature Sensor Basic Information

10.2.2 Texas Instruments Digital Integrated Circuit Temperature Sensor Product Overview

10.2.3 Texas Instruments Digital Integrated Circuit Temperature Sensor Product Market Performance

10.2.4 Texas Instruments Business Overview

10.2.5 Texas Instruments Digital Integrated Circuit Temperature Sensor SWOT Analysis

10.2.6 Texas Instruments Recent Developments

10.3 Microchip

10.3.1 Microchip Digital Integrated Circuit Temperature Sensor Basic Information

10.3.2 Microchip Digital Integrated Circuit Temperature Sensor Product Overview

10.3.3 Microchip Digital Integrated Circuit Temperature Sensor Product Market Performance

10.3.4 Microchip Digital Integrated Circuit Temperature Sensor SWOT Analysis

10.3.5 Microchip Business Overview

10.3.6 Microchip Recent Developments

10.4 NXP Semiconductors

10.4.1 NXP Semiconductors Digital Integrated Circuit Temperature Sensor Basic Information

10.4.2 NXP Semiconductors Digital Integrated Circuit Temperature Sensor Product Overview

10.4.3 NXP Semiconductors Digital Integrated Circuit Temperature Sensor Product

Market Performance

10.4.4 NXP Semiconductors Business Overview

10.4.5 NXP Semiconductors Recent Developments

10.5 STMicroelectronics

10.5.1 STMicroelectronics Digital Integrated Circuit Temperature Sensor Basic Information

10.5.2 STMicroelectronics Digital Integrated Circuit Temperature Sensor Product Overview

10.5.3 STMicroelectronics Digital Integrated Circuit Temperature Sensor Product Market Performance

10.5.4 STMicroelectronics Business Overview

10.5.5 STMicroelectronics Recent Developments

10.6 ams-OSRAM

10.6.1 ams-OSRAM Digital Integrated Circuit Temperature Sensor Basic Information

10.6.2 ams-OSRAM Digital Integrated Circuit Temperature Sensor Product Overview

10.6.3 ams-OSRAM Digital Integrated Circuit Temperature Sensor Product Market Performance

10.6.4 ams-OSRAM Business Overview

10.6.5 ams-OSRAM Recent Developments

10.7 ROHM

10.7.1 ROHM Digital Integrated Circuit Temperature Sensor Basic Information

10.7.2 ROHM Digital Integrated Circuit Temperature Sensor Product Overview

10.7.3 ROHM Digital Integrated Circuit Temperature Sensor Product Market Performance

10.7.4 ROHM Business Overview

10.7.5 ROHM Recent Developments

10.8 Silicon Laboratories

10.8.1 Silicon Laboratories Digital Integrated Circuit Temperature Sensor Basic Information

10.8.2 Silicon Laboratories Digital Integrated Circuit Temperature Sensor Product Overview

10.8.3 Silicon Laboratories Digital Integrated Circuit Temperature Sensor Product Market Performance

10.8.4 Silicon Laboratories Business Overview

10.8.5 Silicon Laboratories Recent Developments

10.9 TE Connectivity

10.9.1 TE Connectivity Digital Integrated Circuit Temperature Sensor Basic Information

10.9.2 TE Connectivity Digital Integrated Circuit Temperature Sensor Product

Overview

10.9.3 TE Connectivity Digital Integrated Circuit Temperature Sensor Product

Market Performance

10.9.4 TE Connectivity Business Overview

10.9.5 TE Connectivity Recent Developments

10.10 Panasonic

10.10.1 Panasonic Digital Integrated Circuit Temperature Sensor Basic Information

10.10.2 Panasonic Digital Integrated Circuit Temperature Sensor Product Overview

10.10.3 Panasonic Digital Integrated Circuit Temperature Sensor Product Market

Performance

10.10.4 Panasonic Business Overview

10.10.5 Panasonic Recent Developments

10.11 ON Semiconductor

10.11.1 ON Semiconductor Digital Integrated Circuit Temperature Sensor Basic Information

10.11.2 ON Semiconductor Digital Integrated Circuit Temperature Sensor Product Overview

10.11.3 ON Semiconductor Digital Integrated Circuit Temperature Sensor Product

Market Performance

10.11.4 ON Semiconductor Business Overview

10.11.5 ON Semiconductor Recent Developments

10.12 Innovative Sensor Technology IST

10.12.1 Innovative Sensor Technology IST Digital Integrated Circuit Temperature Sensor Basic Information

10.12.2 Innovative Sensor Technology IST Digital Integrated Circuit Temperature Sensor Product Overview

10.12.3 Innovative Sensor Technology IST Digital Integrated Circuit Temperature Sensor Product Market Performance

10.12.4 Innovative Sensor Technology IST Business Overview

10.12.5 Innovative Sensor Technology IST Recent Developments

10.13 MinebeaMitsumi

10.13.1 MinebeaMitsumi Digital Integrated Circuit Temperature Sensor Basic Information

10.13.2 MinebeaMitsumi Digital Integrated Circuit Temperature Sensor Product Overview

10.13.3 MinebeaMitsumi Digital Integrated Circuit Temperature Sensor Product Market Performance

10.13.4 MinebeaMitsumi Business Overview

10.13.5 MinebeaMitsumi Recent Developments

10.14 W?rth Elektronik

10.14.1 W?rth Elektronik Digital Integrated Circuit Temperature Sensor Basic Information

10.14.2 W?rth Elektronik Digital Integrated Circuit Temperature Sensor Product Overview

10.14.3 W?rth Elektronik Digital Integrated Circuit Temperature Sensor Product Market Performance

10.14.4 W?rth Elektronik Business Overview

10.14.5 W?rth Elektronik Recent Developments

10.15 Shandong Huake Semiconductor Research Institute Co.

10.15.1 Shandong Huake Semiconductor Research Institute Co. Digital Integrated Circuit Temperature Sensor Basic Information

10.15.2 Shandong Huake Semiconductor Research Institute Co. Digital Integrated Circuit Temperature Sensor Product Overview

10.15.3 Shandong Huake Semiconductor Research Institute Co. Digital Integrated Circuit Temperature Sensor Product Market Performance

10.15.4 Shandong Huake Semiconductor Research Institute Co. Business Overview

10.15.5 Shandong Huake Semiconductor Research Institute Co. Recent Developments

10.16 Ltd

10.16.1 Ltd Digital Integrated Circuit Temperature Sensor Basic Information

10.16.2 Ltd Digital Integrated Circuit Temperature Sensor Product Overview

10.16.3 Ltd Digital Integrated Circuit Temperature Sensor Product Market Performance

10.16.4 Ltd Business Overview

10.16.5 Ltd Recent Developments

10.17 Sensylink Microelectronics Co.

10.17.1 Sensylink Microelectronics Co. Digital Integrated Circuit Temperature Sensor Basic Information

10.17.2 Sensylink Microelectronics Co. Digital Integrated Circuit Temperature Sensor Product Overview

10.17.3 Sensylink Microelectronics Co. Digital Integrated Circuit Temperature Sensor Product Market Performance

10.17.4 Sensylink Microelectronics Co. Business Overview

10.17.5 Sensylink Microelectronics Co. Recent Developments

10.18 Ltd.

10.18.1 Ltd. Digital Integrated Circuit Temperature Sensor Basic Information

10.18.2 Ltd. Digital Integrated Circuit Temperature Sensor Product Overview

10.18.3 Ltd. Digital Integrated Circuit Temperature Sensor Product Market

Performance

10.18.4 Ltd. Business Overview

10.18.5 Ltd. Recent Developments

11 DIGITAL INTEGRATED CIRCUIT TEMPERATURE SENSOR MARKET FORECAST BY REGION

11.1 Global Digital Integrated Circuit Temperature Sensor Market Size Forecast

11.2 Global Digital Integrated Circuit Temperature Sensor Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Digital Integrated Circuit Temperature Sensor Market Size Forecast by Country

11.2.3 Asia Pacific Digital Integrated Circuit Temperature Sensor Market Size Forecast by Region

11.2.4 South America Digital Integrated Circuit Temperature Sensor Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Consumption of Digital Integrated Circuit Temperature Sensor by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

12.1 Global Digital Integrated Circuit Temperature Sensor Market Forecast by Type (2025-2032)

12.1.1 Global Forecasted Sales of Digital Integrated Circuit Temperature Sensor by Type (2025-2032)

12.1.2 Global Digital Integrated Circuit Temperature Sensor Market Size Forecast by Type (2025-2032)

12.1.3 Global Forecasted Price of Digital Integrated Circuit Temperature Sensor by Type (2025-2032)

12.2 Global Digital Integrated Circuit Temperature Sensor Market Forecast by Application (2025-2032)

12.2.1 Global Digital Integrated Circuit Temperature Sensor Sales (K Units) Forecast by Application

12.2.2 Global Digital Integrated Circuit Temperature Sensor Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Digital Integrated Circuit Temperature Sensor Market Size Comparison by Region (M USD)

Table 5. Global Digital Integrated Circuit Temperature Sensor Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global Digital Integrated Circuit Temperature Sensor Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Digital Integrated Circuit Temperature Sensor Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Digital Integrated Circuit Temperature Sensor Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Digital Integrated Circuit Temperature Sensor as of 2022)

Table 10. Global Market Digital Integrated Circuit Temperature Sensor Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Digital Integrated Circuit Temperature Sensor Sales Sites and Area Served

Table 12. Manufacturers Digital Integrated Circuit Temperature Sensor Product Type

Table 13. Global Digital Integrated Circuit Temperature Sensor Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Digital Integrated Circuit Temperature Sensor

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Digital Integrated Circuit Temperature Sensor Market Challenges

Table 22. Global Digital Integrated Circuit Temperature Sensor Sales by Type (K Units)

Table 23. Global Digital Integrated Circuit Temperature Sensor Market Size by Type (M USD)

Table 24. Global Digital Integrated Circuit Temperature Sensor Sales (K Units) by Type (2019-2024)

Table 25. Global Digital Integrated Circuit Temperature Sensor Sales Market Share by Type (2019-2024)

Table 26. Global Digital Integrated Circuit Temperature Sensor Market Size (M USD) by Type (2019-2024)

Table 27. Global Digital Integrated Circuit Temperature Sensor Market Size Share by Type (2019-2024)

Table 28. Global Digital Integrated Circuit Temperature Sensor Price (USD/Unit) by Type (2019-2024)

Table 29. Global Digital Integrated Circuit Temperature Sensor Sales (K Units) by Application

Table 30. Global Digital Integrated Circuit Temperature Sensor Market Size by Application

Table 31. Global Digital Integrated Circuit Temperature Sensor Sales by Application (2019-2024) & (K Units)

Table 32. Global Digital Integrated Circuit Temperature Sensor Sales Market Share by Application (2019-2024)

Table 33. Global Digital Integrated Circuit Temperature Sensor Sales by Application (2019-2024) & (M USD)

Table 34. Global Digital Integrated Circuit Temperature Sensor Market Share by Application (2019-2024)

Table 35. Global Digital Integrated Circuit Temperature Sensor Sales Growth Rate by Application (2019-2024)

Table 36. Global Digital Integrated Circuit Temperature Sensor Sales by Region (2019-2024) & (K Units)

Table 37. Global Digital Integrated Circuit Temperature Sensor Sales Market Share by Region (2019-2024)

Table 38. North America Digital Integrated Circuit Temperature Sensor Sales by Country (2019-2024) & (K Units)

Table 39. Europe Digital Integrated Circuit Temperature Sensor Sales by Country (2019-2024) & (K Units)

Table 40. Asia Pacific Digital Integrated Circuit Temperature Sensor Sales by Region (2019-2024) & (K Units)

Table 41. South America Digital Integrated Circuit Temperature Sensor Sales by Country (2019-2024) & (K Units)

Table 42. Middle East and Africa Digital Integrated Circuit Temperature Sensor Sales by Region (2019-2024) & (K Units)

Table 43. Global Digital Integrated Circuit Temperature Sensor Production (K Units) by Region (2019-2024)

Table 44. Global Digital Integrated Circuit Temperature Sensor Revenue (US\$ Million)

by Region (2019-2024)

Table 45. Global Digital Integrated Circuit Temperature Sensor Revenue Market Share by Region (2019-2024)

Table 46. Global Digital Integrated Circuit Temperature Sensor Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 47. North America Digital Integrated Circuit Temperature Sensor Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 48. Europe Digital Integrated Circuit Temperature Sensor Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 49. Japan Digital Integrated Circuit Temperature Sensor Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 50. China Digital Integrated Circuit Temperature Sensor Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 51. Analog Devices Digital Integrated Circuit Temperature Sensor Basic Information

Table 52. Analog Devices Digital Integrated Circuit Temperature Sensor Product Overview

Table 53. Analog Devices Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 54. Analog Devices Business Overview

Table 55. Analog Devices Digital Integrated Circuit Temperature Sensor SWOT Analysis

Table 56. Analog Devices Recent Developments

Table 57. Texas Instruments Digital Integrated Circuit Temperature Sensor Basic Information

Table 58. Texas Instruments Digital Integrated Circuit Temperature Sensor Product Overview

Table 59. Texas Instruments Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 60. Texas Instruments Business Overview

Table 61. Texas Instruments Digital Integrated Circuit Temperature Sensor SWOT Analysis

Table 62. Texas Instruments Recent Developments

Table 63. Microchip Digital Integrated Circuit Temperature Sensor Basic Information

Table 64. Microchip Digital Integrated Circuit Temperature Sensor Product Overview

Table 65. Microchip Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 66. Microchip Digital Integrated Circuit Temperature Sensor SWOT Analysis

Table 67. Microchip Business Overview

Table 68. Microchip Recent Developments
Table 69. NXP Semiconductors Digital Integrated Circuit Temperature Sensor Basic Information
Table 70. NXP Semiconductors Digital Integrated Circuit Temperature Sensor Product Overview
Table 71. NXP Semiconductors Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 72. NXP Semiconductors Business Overview
Table 73. NXP Semiconductors Recent Developments
Table 74. STMicroelectronics Digital Integrated Circuit Temperature Sensor Basic Information
Table 75. STMicroelectronics Digital Integrated Circuit Temperature Sensor Product Overview
Table 76. STMicroelectronics Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 77. STMicroelectronics Business Overview
Table 78. STMicroelectronics Recent Developments
Table 79. ams-OSRAM Digital Integrated Circuit Temperature Sensor Basic Information
Table 80. ams-OSRAM Digital Integrated Circuit Temperature Sensor Product Overview
Table 81. ams-OSRAM Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 82. ams-OSRAM Business Overview
Table 83. ams-OSRAM Recent Developments
Table 84. ROHM Digital Integrated Circuit Temperature Sensor Basic Information
Table 85. ROHM Digital Integrated Circuit Temperature Sensor Product Overview
Table 86. ROHM Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 87. ROHM Business Overview
Table 88. ROHM Recent Developments
Table 89. Silicon Laboratories Digital Integrated Circuit Temperature Sensor Basic Information
Table 90. Silicon Laboratories Digital Integrated Circuit Temperature Sensor Product Overview
Table 91. Silicon Laboratories Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 92. Silicon Laboratories Business Overview
Table 93. Silicon Laboratories Recent Developments
Table 94. TE Connectivity Digital Integrated Circuit Temperature Sensor Basic Information

Table 95. TE Connectivity Digital Integrated Circuit Temperature Sensor Product Overview

Table 96. TE Connectivity Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 97. TE Connectivity Business Overview

Table 98. TE Connectivity Recent Developments

Table 99. Panasonic Digital Integrated Circuit Temperature Sensor Basic Information

Table 100. Panasonic Digital Integrated Circuit Temperature Sensor Product Overview

Table 101. Panasonic Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 102. Panasonic Business Overview

Table 103. Panasonic Recent Developments

Table 104. ON Semiconductor Digital Integrated Circuit Temperature Sensor Basic Information

Table 105. ON Semiconductor Digital Integrated Circuit Temperature Sensor Product Overview

Table 106. ON Semiconductor Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 107. ON Semiconductor Business Overview

Table 108. ON Semiconductor Recent Developments

Table 109. Innovative Sensor Technology IST Digital Integrated Circuit Temperature Sensor Basic Information

Table 110. Innovative Sensor Technology IST Digital Integrated Circuit Temperature Sensor Product Overview

Table 111. Innovative Sensor Technology IST Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 112. Innovative Sensor Technology IST Business Overview

Table 113. Innovative Sensor Technology IST Recent Developments

Table 114. MinebeaMitsumi Digital Integrated Circuit Temperature Sensor Basic Information

Table 115. MinebeaMitsumi Digital Integrated Circuit Temperature Sensor Product Overview

Table 116. MinebeaMitsumi Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 117. MinebeaMitsumi Business Overview

Table 118. MinebeaMitsumi Recent Developments

Table 119. W?rth Elektronik Digital Integrated Circuit Temperature Sensor Basic Information

Table 120. W?rth Elektronik Digital Integrated Circuit Temperature Sensor Product Overview

Table 121. W?rth Elektronik Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 122. W?rth Elektronik Business Overview

Table 123. W?rth Elektronik Recent Developments

Table 124. Shandong Huake Semiconductor Research Institute Co. Digital Integrated Circuit Temperature Sensor Basic Information

Table 125. Shandong Huake Semiconductor Research Institute Co. Digital Integrated Circuit Temperature Sensor Product Overview

Table 126. Shandong Huake Semiconductor Research Institute Co. Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 127. Shandong Huake Semiconductor Research Institute Co. Business Overview

Table 128. Shandong Huake Semiconductor Research Institute Co. Recent Developments

Table 129. Ltd Digital Integrated Circuit Temperature Sensor Basic Information

Table 130. Ltd Digital Integrated Circuit Temperature Sensor Product Overview

Table 131. Ltd Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 132. Ltd Business Overview

Table 133. Ltd Recent Developments

Table 134. Sensylink Microelectronics Co. Digital Integrated Circuit Temperature Sensor Basic Information

Table 135. Sensylink Microelectronics Co. Digital Integrated Circuit Temperature Sensor Product Overview

Table 136. Sensylink Microelectronics Co. Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 137. Sensylink Microelectronics Co. Business Overview

Table 138. Sensylink Microelectronics Co. Recent Developments

Table 139. Ltd. Digital Integrated Circuit Temperature Sensor Basic Information

Table 140. Ltd. Digital Integrated Circuit Temperature Sensor Product Overview

Table 141. Ltd. Digital Integrated Circuit Temperature Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 142. Ltd. Business Overview

Table 143. Ltd. Recent Developments

Table 144. Global Digital Integrated Circuit Temperature Sensor Sales Forecast by Region (2025-2032) & (K Units)

Table 145. Global Digital Integrated Circuit Temperature Sensor Market Size Forecast by Region (2025-2032) & (M USD)

Table 146. North America Digital Integrated Circuit Temperature Sensor Sales Forecast by Country (2025-2032) & (K Units)

Table 147. North America Digital Integrated Circuit Temperature Sensor Market Size Forecast by Country (2025-2032) & (M USD)

Table 148. Europe Digital Integrated Circuit Temperature Sensor Sales Forecast by Country (2025-2032) & (K Units)

Table 149. Europe Digital Integrated Circuit Temperature Sensor Market Size Forecast by Country (2025-2032) & (M USD)

Table 150. Asia Pacific Digital Integrated Circuit Temperature Sensor Sales Forecast by Region (2025-2032) & (K Units)

Table 151. Asia Pacific Digital Integrated Circuit Temperature Sensor Market Size Forecast by Region (2025-2032) & (M USD)

Table 152. South America Digital Integrated Circuit Temperature Sensor Sales Forecast by Country (2025-2032) & (K Units)

Table 153. South America Digital Integrated Circuit Temperature Sensor Market Size Forecast by Country (2025-2032) & (M USD)

Table 154. Middle East and Africa Digital Integrated Circuit Temperature Sensor Consumption Forecast by Country (2025-2032) & (Units)

Table 155. Middle East and Africa Digital Integrated Circuit Temperature Sensor Market Size Forecast by Country (2025-2032) & (M USD)

Table 156. Global Digital Integrated Circuit Temperature Sensor Sales Forecast by Type (2025-2032) & (K Units)

Table 157. Global Digital Integrated Circuit Temperature Sensor Market Size Forecast by Type (2025-2032) & (M USD)

Table 158. Global Digital Integrated Circuit Temperature Sensor Price Forecast by Type (2025-2032) & (USD/Unit)

Table 159. Global Digital Integrated Circuit Temperature Sensor Sales (K Units) Forecast by Application (2025-2032)

Table 160. Global Digital Integrated Circuit Temperature Sensor Market Size Forecast by Application (2025-2032) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of Digital Integrated Circuit Temperature Sensor

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Digital Integrated Circuit Temperature Sensor Market Size (M USD), 2019-2032

Figure 5. Global Digital Integrated Circuit Temperature Sensor Market Size (M USD) (2019-2032)

Figure 6. Global Digital Integrated Circuit Temperature Sensor Sales (K Units) & (2019-2032)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Digital Integrated Circuit Temperature Sensor Market Size by Country (M USD)

Figure 11. Digital Integrated Circuit Temperature Sensor Sales Share by Manufacturers in 2023

Figure 12. Global Digital Integrated Circuit Temperature Sensor Revenue Share by Manufacturers in 2023

Figure 13. Digital Integrated Circuit Temperature Sensor Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Digital Integrated Circuit Temperature Sensor Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Digital Integrated Circuit Temperature Sensor Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Digital Integrated Circuit Temperature Sensor Market Share by Type

Figure 18. Sales Market Share of Digital Integrated Circuit Temperature Sensor by Type (2019-2024)

Figure 19. Sales Market Share of Digital Integrated Circuit Temperature Sensor by Type in 2023

Figure 20. Market Size Share of Digital Integrated Circuit Temperature Sensor by Type (2019-2024)

Figure 21. Market Size Market Share of Digital Integrated Circuit Temperature Sensor by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Digital Integrated Circuit Temperature Sensor Market Share by Application

Figure 24. Global Digital Integrated Circuit Temperature Sensor Sales Market Share by Application (2019-2024)

Figure 25. Global Digital Integrated Circuit Temperature Sensor Sales Market Share by Application in 2023

Figure 26. Global Digital Integrated Circuit Temperature Sensor Market Share by Application (2019-2024)

Figure 27. Global Digital Integrated Circuit Temperature Sensor Market Share by Application in 2023

Figure 28. Global Digital Integrated Circuit Temperature Sensor Sales Growth Rate by Application (2019-2024)

Figure 29. Global Digital Integrated Circuit Temperature Sensor Sales Market Share by Region (2019-2024)

Figure 30. North America Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Digital Integrated Circuit Temperature Sensor Sales Market Share by Country in 2023

Figure 32. U.S. Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Digital Integrated Circuit Temperature Sensor Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Digital Integrated Circuit Temperature Sensor Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Digital Integrated Circuit Temperature Sensor Sales Market Share by Country in 2023

Figure 37. Germany Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Digital Integrated Circuit Temperature Sensor Sales and Growth

Rate (K Units)

Figure 43. Asia Pacific Digital Integrated Circuit Temperature Sensor Sales Market Share by Region in 2023

Figure 44. China Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (K Units)

Figure 50. South America Digital Integrated Circuit Temperature Sensor Sales Market Share by Country in 2023

Figure 51. Brazil Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Digital Integrated Circuit Temperature Sensor Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Digital Integrated Circuit Temperature Sensor Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Digital Integrated Circuit Temperature Sensor Production Market Share by Region (2019-2024)

Figure 62. North America Digital Integrated Circuit Temperature Sensor Production (K Units) Growth Rate (2019-2024)

Figure 63. Europe Digital Integrated Circuit Temperature Sensor Production (K Units) Growth Rate (2019-2024)

Figure 64. Japan Digital Integrated Circuit Temperature Sensor Production (K Units) Growth Rate (2019-2024)

Figure 65. China Digital Integrated Circuit Temperature Sensor Production (K Units) Growth Rate (2019-2024)

Figure 66. Global Digital Integrated Circuit Temperature Sensor Sales Forecast by Volume (2019-2032) & (K Units)

Figure 67. Global Digital Integrated Circuit Temperature Sensor Market Size Forecast by Value (2019-2032) & (M USD)

Figure 68. Global Digital Integrated Circuit Temperature Sensor Sales Market Share Forecast by Type (2025-2032)

Figure 69. Global Digital Integrated Circuit Temperature Sensor Market Share Forecast by Type (2025-2032)

Figure 70. Global Digital Integrated Circuit Temperature Sensor Sales Forecast by Application (2025-2032)

Figure 71. Global Digital Integrated Circuit Temperature Sensor Market Share Forecast by Application (2025-2032)

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