

Through-Hole Thermopile Infrared Sensor Market, Global Outlook and Forecast 2022-2028

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Abstracts

Thermopiles are designed to measure temperature from a distance by detecting an object's infrared (IR) energy. The higher the temperature, the more IR energy is emitted. The thermopile sensing element, composed of small thermocouples on a silicon chip, absorb the energy and produce an output signal. A reference sensor is designed into the package as a reference for compensation. Thermopile infrared (IR) non-contact temperature measurement sensors are available with various lens, and filters allowing use in multiple applications, from industrial pyrometers, to climate controls and medical devices.

This report contains market size and forecasts of Through-Hole Thermopile Infrared Sensor in global, including the following market information:

Global Through-Hole Thermopile Infrared Sensor Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Through-Hole Thermopile Infrared Sensor Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Through-Hole Thermopile Infrared Sensor companies in 2021 (%)

The global Through-Hole Thermopile Infrared Sensor market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

TO-5 Package Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Through-Hole Thermopile Infrared Sensor include Excelitas, Heimann, Sunshine Technologies, Melexis, Amphemol, TE Connectivity, Orisystech, Semitec and Hamamatsu Photonics, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Through-Hole Thermopile Infrared Sensor manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Through-Hole Thermopile Infrared Sensor Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Through-Hole Thermopile Infrared Sensor Market Segment Percentages, by Type, 2021 (%)

TO-5 Package

TO-18 Package

TO-39 Package

TO-46 Package

Global Through-Hole Thermopile Infrared Sensor Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Through-Hole Thermopile Infrared Sensor Market Segment Percentages, by Application, 2021 (%)

Medical Devices

IoT Smart Home

Industrial Use

Consumer Electronics

Others

Global Through-Hole Thermopile Infrared Sensor Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Through-Hole Thermopile Infrared Sensor Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Through-Hole Thermopile Infrared Sensor revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Through-Hole Thermopile Infrared Sensor revenues share in global market, 2021 (%)

Key companies Through-Hole Thermopile Infrared Sensor sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Through-Hole Thermopile Infrared Sensor sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Excelitas

Heimann

Sunshine Technologies

Melexis

Amphemol

TE Connectivity

Orisystech

Semitec

Hamamatsu Photonics

Nicera

KODENSHI

Winson

Senba Sensing Technology

San-U

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Through-Hole Thermopile Infrared Sensor Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Through-Hole Thermopile Infrared Sensor Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL THROUGH-HOLE THERMOPILE INFRARED SENSOR OVERALL MARKET SIZE

- 2.1 Global Through-Hole Thermopile Infrared Sensor Market Size: 2021 VS 2028
- 2.2 Global Through-Hole Thermopile Infrared Sensor Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Through-Hole Thermopile Infrared Sensor Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Through-Hole Thermopile Infrared Sensor Players in Global Market
- 3.2 Top Global Through-Hole Thermopile Infrared Sensor Companies Ranked by Revenue
- 3.3 Global Through-Hole Thermopile Infrared Sensor Revenue by Companies
- 3.4 Global Through-Hole Thermopile Infrared Sensor Sales by Companies
- 3.5 Global Through-Hole Thermopile Infrared Sensor Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Through-Hole Thermopile Infrared Sensor Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Through-Hole Thermopile Infrared Sensor Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Through-Hole Thermopile Infrared Sensor Players in Global Market
 - 3.8.1 List of Global Tier 1 Through-Hole Thermopile Infrared Sensor Companies

3.8.2 List of Global Tier 2 and Tier 3 Through-Hole Thermopile Infrared Sensor Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Global Through-Hole Thermopile Infrared Sensor Market Size Markets, 2021 & 2028

4.1.2 TO-5 Package

4.1.3 TO-18 Package

4.1.4 TO-39 Package

4.1.5 TO-46 Package

4.2 By Type - Global Through-Hole Thermopile Infrared Sensor Revenue & Forecasts

4.2.1 By Type - Global Through-Hole Thermopile Infrared Sensor Revenue, 2017-2022

4.2.2 By Type - Global Through-Hole Thermopile Infrared Sensor Revenue, 2023-2028

4.2.3 By Type - Global Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028

4.3 By Type - Global Through-Hole Thermopile Infrared Sensor Sales & Forecasts

4.3.1 By Type - Global Through-Hole Thermopile Infrared Sensor Sales, 2017-2022

4.3.2 By Type - Global Through-Hole Thermopile Infrared Sensor Sales, 2023-2028

4.3.3 By Type - Global Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028

4.4 By Type - Global Through-Hole Thermopile Infrared Sensor Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global Through-Hole Thermopile Infrared Sensor Market Size, 2021 & 2028

5.1.2 Medical Devices

5.1.3 IoT Smart Home

5.1.4 Industrial Use

5.1.5 Consumer Electronics

5.1.6 Others

5.2 By Application - Global Through-Hole Thermopile Infrared Sensor Revenue & Forecasts

5.2.1 By Application - Global Through-Hole Thermopile Infrared Sensor Revenue, 2017-2022

5.2.2 By Application - Global Through-Hole Thermopile Infrared Sensor Revenue, 2023-2028

5.2.3 By Application - Global Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028

5.3 By Application - Global Through-Hole Thermopile Infrared Sensor Sales & Forecasts

5.3.1 By Application - Global Through-Hole Thermopile Infrared Sensor Sales, 2017-2022

5.3.2 By Application - Global Through-Hole Thermopile Infrared Sensor Sales, 2023-2028

5.3.3 By Application - Global Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028

5.4 By Application - Global Through-Hole Thermopile Infrared Sensor Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Through-Hole Thermopile Infrared Sensor Market Size, 2021 & 2028

6.2 By Region - Global Through-Hole Thermopile Infrared Sensor Revenue & Forecasts

6.2.1 By Region - Global Through-Hole Thermopile Infrared Sensor Revenue, 2017-2022

6.2.2 By Region - Global Through-Hole Thermopile Infrared Sensor Revenue, 2023-2028

6.2.3 By Region - Global Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028

6.3 By Region - Global Through-Hole Thermopile Infrared Sensor Sales & Forecasts

6.3.1 By Region - Global Through-Hole Thermopile Infrared Sensor Sales, 2017-2022

6.3.2 By Region - Global Through-Hole Thermopile Infrared Sensor Sales, 2023-2028

6.3.3 By Region - Global Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Through-Hole Thermopile Infrared Sensor Revenue, 2017-2028

6.4.2 By Country - North America Through-Hole Thermopile Infrared Sensor Sales, 2017-2028

6.4.3 US Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.4.4 Canada Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.4.5 Mexico Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Through-Hole Thermopile Infrared Sensor Revenue, 2017-2028

6.5.2 By Country - Europe Through-Hole Thermopile Infrared Sensor Sales, 2017-2028

6.5.3 Germany Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.5.4 France Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.5.5 U.K. Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.5.6 Italy Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.5.7 Russia Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.5.8 Nordic Countries Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.5.9 Benelux Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Through-Hole Thermopile Infrared Sensor Revenue, 2017-2028

6.6.2 By Region - Asia Through-Hole Thermopile Infrared Sensor Sales, 2017-2028

6.6.3 China Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.6.4 Japan Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.6.5 South Korea Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.6.6 Southeast Asia Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.6.7 India Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Through-Hole Thermopile Infrared Sensor Revenue, 2017-2028

6.7.2 By Country - South America Through-Hole Thermopile Infrared Sensor Sales, 2017-2028

6.7.3 Brazil Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.7.4 Argentina Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Through-Hole Thermopile Infrared Sensor Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Through-Hole Thermopile Infrared Sensor Sales, 2017-2028

6.8.3 Turkey Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.8.4 Israel Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.8.5 Saudi Arabia Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

6.8.6 UAE Through-Hole Thermopile Infrared Sensor Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Excelitas

7.1.1 Excelitas Corporate Summary

7.1.2 Excelitas Business Overview

7.1.3 Excelitas Through-Hole Thermopile Infrared Sensor Major Product Offerings

7.1.4 Excelitas Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)

7.1.5 Excelitas Key News

7.2 Heimann

7.2.1 Heimann Corporate Summary

7.2.2 Heimann Business Overview

7.2.3 Heimann Through-Hole Thermopile Infrared Sensor Major Product Offerings

7.2.4 Heimann Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)

7.2.5 Heimann Key News

7.3 Sunshine Technologies

7.3.1 Sunshine Technologies Corporate Summary

7.3.2 Sunshine Technologies Business Overview

7.3.3 Sunshine Technologies Through-Hole Thermopile Infrared Sensor Major Product Offerings

7.3.4 Sunshine Technologies Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)

7.3.5 Sunshine Technologies Key News

7.4 Melexis

7.4.1 Melexis Corporate Summary

7.4.2 Melexis Business Overview

7.4.3 Melexis Through-Hole Thermopile Infrared Sensor Major Product Offerings

7.4.4 Melexis Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)

7.4.5 Melexis Key News

7.5 Amphemol

7.5.1 Amphemol Corporate Summary

7.5.2 Amphemol Business Overview

7.5.3 Amphemol Through-Hole Thermopile Infrared Sensor Major Product Offerings

7.5.4 Amphemol Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)

7.5.5 Amphemol Key News

7.6 TE Connectivity

- 7.6.1 TE Connectivity Corporate Summary
- 7.6.2 TE Connectivity Business Overview
- 7.6.3 TE Connectivity Through-Hole Thermopile Infrared Sensor Major Product Offerings
- 7.6.4 TE Connectivity Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)
- 7.6.5 TE Connectivity Key News
- 7.7 Orisystech
 - 7.7.1 Orisystech Corporate Summary
 - 7.7.2 Orisystech Business Overview
 - 7.7.3 Orisystech Through-Hole Thermopile Infrared Sensor Major Product Offerings
 - 7.7.4 Orisystech Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)
 - 7.7.5 Orisystech Key News
- 7.8 Semitec
 - 7.8.1 Semitec Corporate Summary
 - 7.8.2 Semitec Business Overview
 - 7.8.3 Semitec Through-Hole Thermopile Infrared Sensor Major Product Offerings
 - 7.8.4 Semitec Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)
 - 7.8.5 Semitec Key News
- 7.9 Hamamatsu Photonics
 - 7.9.1 Hamamatsu Photonics Corporate Summary
 - 7.9.2 Hamamatsu Photonics Business Overview
 - 7.9.3 Hamamatsu Photonics Through-Hole Thermopile Infrared Sensor Major Product Offerings
 - 7.9.4 Hamamatsu Photonics Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)
 - 7.9.5 Hamamatsu Photonics Key News
- 7.10 Nicera
 - 7.10.1 Nicera Corporate Summary
 - 7.10.2 Nicera Business Overview
 - 7.10.3 Nicera Through-Hole Thermopile Infrared Sensor Major Product Offerings
 - 7.10.4 Nicera Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)
 - 7.10.5 Nicera Key News
- 7.11 KODENSHI
 - 7.11.1 KODENSHI Corporate Summary
 - 7.11.2 KODENSHI Through-Hole Thermopile Infrared Sensor Business Overview

- 7.11.3 KODENSHI Through-Hole Thermopile Infrared Sensor Major Product Offerings
- 7.11.4 KODENSHI Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)
- 7.11.5 KODENSHI Key News
- 7.12 Winson
 - 7.12.1 Winson Corporate Summary
 - 7.12.2 Winson Through-Hole Thermopile Infrared Sensor Business Overview
 - 7.12.3 Winson Through-Hole Thermopile Infrared Sensor Major Product Offerings
 - 7.12.4 Winson Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)
 - 7.12.5 Winson Key News
- 7.13 Senba Sensing Technology
 - 7.13.1 Senba Sensing Technology Corporate Summary
 - 7.13.2 Senba Sensing Technology Through-Hole Thermopile Infrared Sensor Business Overview
 - 7.13.3 Senba Sensing Technology Through-Hole Thermopile Infrared Sensor Major Product Offerings
 - 7.13.4 Senba Sensing Technology Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)
 - 7.13.5 Senba Sensing Technology Key News
- 7.14 San-U
 - 7.14.1 San-U Corporate Summary
 - 7.14.2 San-U Business Overview
 - 7.14.3 San-U Through-Hole Thermopile Infrared Sensor Major Product Offerings
 - 7.14.4 San-U Through-Hole Thermopile Infrared Sensor Sales and Revenue in Global (2017-2022)
 - 7.14.5 San-U Key News

8 GLOBAL THROUGH-HOLE THERMOPILE INFRARED SENSOR PRODUCTION CAPACITY, ANALYSIS

- 8.1 Global Through-Hole Thermopile Infrared Sensor Production Capacity, 2017-2028
- 8.2 Through-Hole Thermopile Infrared Sensor Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Through-Hole Thermopile Infrared Sensor Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

- 9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 THROUGH-HOLE THERMOPILE INFRARED SENSOR SUPPLY CHAIN ANALYSIS

10.1 Through-Hole Thermopile Infrared Sensor Industry Value Chain

10.2 Through-Hole Thermopile Infrared Sensor Upstream Market

10.3 Through-Hole Thermopile Infrared Sensor Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Through-Hole Thermopile Infrared Sensor Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Through-Hole Thermopile Infrared Sensor in Global Market

Table 2. Top Through-Hole Thermopile Infrared Sensor Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Through-Hole Thermopile Infrared Sensor Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Through-Hole Thermopile Infrared Sensor Revenue Share by Companies, 2017-2022

Table 5. Global Through-Hole Thermopile Infrared Sensor Sales by Companies, (K Units), 2017-2022

Table 6. Global Through-Hole Thermopile Infrared Sensor Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Through-Hole Thermopile Infrared Sensor Price (2017-2022) & (US\$/Unit)

Table 8. Global Manufacturers Through-Hole Thermopile Infrared Sensor Product Type

Table 9. List of Global Tier 1 Through-Hole Thermopile Infrared Sensor Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Through-Hole Thermopile Infrared Sensor Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Through-Hole Thermopile Infrared Sensor Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Through-Hole Thermopile Infrared Sensor Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Through-Hole Thermopile Infrared Sensor Sales (K Units), 2017-2022

Table 15. By Type - Global Through-Hole Thermopile Infrared Sensor Sales (K Units), 2023-2028

Table 16. By Application – Global Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Through-Hole Thermopile Infrared Sensor Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Through-Hole Thermopile Infrared Sensor Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Through-Hole Thermopile Infrared Sensor Sales (K

Units), 2017-2022

Table 20. By Application - Global Through-Hole Thermopile Infrared Sensor Sales (K Units), 2023-2028

Table 21. By Region – Global Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Through-Hole Thermopile Infrared Sensor Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Through-Hole Thermopile Infrared Sensor Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Through-Hole Thermopile Infrared Sensor Sales (K Units), 2017-2022

Table 25. By Region - Global Through-Hole Thermopile Infrared Sensor Sales (K Units), 2023-2028

Table 26. By Country - North America Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Through-Hole Thermopile Infrared Sensor Sales, (K Units), 2017-2022

Table 29. By Country - North America Through-Hole Thermopile Infrared Sensor Sales, (K Units), 2023-2028

Table 30. By Country - Europe Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Through-Hole Thermopile Infrared Sensor Sales, (K Units), 2017-2022

Table 33. By Country - Europe Through-Hole Thermopile Infrared Sensor Sales, (K Units), 2023-2028

Table 34. By Region - Asia Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Through-Hole Thermopile Infrared Sensor Sales, (K Units), 2017-2022

Table 37. By Region - Asia Through-Hole Thermopile Infrared Sensor Sales, (K Units), 2023-2028

Table 38. By Country - South America Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Through-Hole Thermopile Infrared Sensor Sales, (K Units), 2017-2022

Table 41. By Country - South America Through-Hole Thermopile Infrared Sensor Sales, (K Units), 2023-2028

Table 42. By Country - Middle East & Africa Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Through-Hole Thermopile Infrared Sensor Sales, (K Units), 2017-2022

Table 45. By Country - Middle East & Africa Through-Hole Thermopile Infrared Sensor Sales, (K Units), 2023-2028

Table 46. Excelitas Corporate Summary

Table 47. Excelitas Through-Hole Thermopile Infrared Sensor Product Offerings

Table 48. Excelitas Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 49. Heimann Corporate Summary

Table 50. Heimann Through-Hole Thermopile Infrared Sensor Product Offerings

Table 51. Heimann Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 52. Sunshine Technologies Corporate Summary

Table 53. Sunshine Technologies Through-Hole Thermopile Infrared Sensor Product Offerings

Table 54. Sunshine Technologies Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 55. Melexis Corporate Summary

Table 56. Melexis Through-Hole Thermopile Infrared Sensor Product Offerings

Table 57. Melexis Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 58. Amphemol Corporate Summary

Table 59. Amphemol Through-Hole Thermopile Infrared Sensor Product Offerings

Table 60. Amphemol Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 61. TE Connectivity Corporate Summary

Table 62. TE Connectivity Through-Hole Thermopile Infrared Sensor Product Offerings

Table 63. TE Connectivity Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

- Table 64. Orisystech Corporate Summary
- Table 65. Orisystech Through-Hole Thermopile Infrared Sensor Product Offerings
- Table 66. Orisystech Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 67. Semitec Corporate Summary
- Table 68. Semitec Through-Hole Thermopile Infrared Sensor Product Offerings
- Table 69. Semitec Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 70. Hamamatsu Photonics Corporate Summary
- Table 71. Hamamatsu Photonics Through-Hole Thermopile Infrared Sensor Product Offerings
- Table 72. Hamamatsu Photonics Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 73. Nicera Corporate Summary
- Table 74. Nicera Through-Hole Thermopile Infrared Sensor Product Offerings
- Table 75. Nicera Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 76. KODENSHI Corporate Summary
- Table 77. KODENSHI Through-Hole Thermopile Infrared Sensor Product Offerings
- Table 78. KODENSHI Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 79. Winson Corporate Summary
- Table 80. Winson Through-Hole Thermopile Infrared Sensor Product Offerings
- Table 81. Winson Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 82. Senba Sensing Technology Corporate Summary
- Table 83. Senba Sensing Technology Through-Hole Thermopile Infrared Sensor Product Offerings
- Table 84. Senba Sensing Technology Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 85. San-U Corporate Summary
- Table 86. San-U Through-Hole Thermopile Infrared Sensor Product Offerings
- Table 87. San-U Through-Hole Thermopile Infrared Sensor Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 88. Through-Hole Thermopile Infrared Sensor Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)
- Table 89. Global Through-Hole Thermopile Infrared Sensor Capacity Market Share of Key Manufacturers, 2020-2022
- Table 90. Global Through-Hole Thermopile Infrared Sensor Production by Region,

2017-2022 (K Units)

Table 91. Global Through-Hole Thermopile Infrared Sensor Production by Region, 2023-2028 (K Units)

Table 92. Through-Hole Thermopile Infrared Sensor Market Opportunities & Trends in Global Market

Table 93. Through-Hole Thermopile Infrared Sensor Market Drivers in Global Market

Table 94. Through-Hole Thermopile Infrared Sensor Market Restraints in Global Market

Table 95. Through-Hole Thermopile Infrared Sensor Raw Materials

Table 96. Through-Hole Thermopile Infrared Sensor Raw Materials Suppliers in Global Market

Table 97. Typical Through-Hole Thermopile Infrared Sensor Downstream

Table 98. Through-Hole Thermopile Infrared Sensor Downstream Clients in Global Market

Table 99. Through-Hole Thermopile Infrared Sensor Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. Through-Hole Thermopile Infrared Sensor Segment by Type
- Figure 2. Through-Hole Thermopile Infrared Sensor Segment by Application
- Figure 3. Global Through-Hole Thermopile Infrared Sensor Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Through-Hole Thermopile Infrared Sensor Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Through-Hole Thermopile Infrared Sensor Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Through-Hole Thermopile Infrared Sensor Sales in Global Market: 2017-2028 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by Through-Hole Thermopile Infrared Sensor Revenue in 2021
- Figure 9. By Type - Global Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028
- Figure 10. By Type - Global Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Through-Hole Thermopile Infrared Sensor Price (US\$/Unit), 2017-2028
- Figure 12. By Application - Global Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028
- Figure 13. By Application - Global Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Through-Hole Thermopile Infrared Sensor Price (US\$/Unit), 2017-2028
- Figure 15. By Region - Global Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028
- Figure 16. By Region - Global Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028
- Figure 19. US Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

2017-2028

Figure 21. Mexico Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028

Figure 24. Germany Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 25. France Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028

Figure 33. China Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 37. India Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028

Figure 39. By Country - South America Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028

Figure 40. Brazil Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Through-Hole Thermopile Infrared Sensor Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Through-Hole Thermopile Infrared Sensor Sales Market Share, 2017-2028

Figure 44. Turkey Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Through-Hole Thermopile Infrared Sensor Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Through-Hole Thermopile Infrared Sensor Production Capacity (K Units), 2017-2028

Figure 49. The Percentage of Production Through-Hole Thermopile Infrared Sensor by Region, 2021 VS 2028

Figure 50. Through-Hole Thermopile Infrared Sensor Industry Value Chain

Figure 51. Marketing Channels

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