



ToF 3D Sensor Industry Research Report 2026

Industry	Published	Pages	Format
Machinery & Equipment	2026-04-08	139	PDF

Single User	Multi User	Enterprise
USD 2,950	USD 4,430	USD 5,900

Description

The global ToF 3D Sensor market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for ToF 3D Sensor is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for ToF 3D Sensor is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for ToF 3D Sensor is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of ToF 3D Sensor include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global ToF 3D Sensor market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032. It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to ToF 3D Sensor.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

ToF 3D Sensor Market by Company

Infineon Technologies

Nuvoton Technology

Samsung

Sony

TOPPAN

Ams-Osram
ifm electronic
Terabee
Chronoptics
PMD Technologies
Broadcom
STMicroelectronics
MESA
Melexis
Espros Photonics
TriDiCam

ToF 3D Sensor Segment by Type

Laser ToF Sensor
Infrared ToF Sensor
Ultrasonic ToF Sensor
Others

ToF 3D Sensor Segment by Application

Automobile Industry
Industry
Others

ToF 3D Sensor Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil

Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global ToF 3D Sensor market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of ToF 3D Sensor and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of ToF 3D Sensor.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, 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 market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of ToF 3D Sensor manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of ToF 3D Sensor by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of ToF 3D Sensor in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by 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 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, 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 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 ToF 3D Sensor by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Laser ToF Sensor
 - 2.2.3 Infrared ToF Sensor
 - 2.2.4 Ultrasonic ToF Sensor
 - 2.2.5 Others
- 2.3 ToF 3D Sensor by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Automobile Industry
 - 2.3.3 Industry
 - 2.3.4 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global ToF 3D Sensor Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global ToF 3D Sensor Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global ToF 3D Sensor Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global ToF 3D Sensor Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global ToF 3D Sensor Production by Manufacturers (2021-2026)
- 3.2 Global ToF 3D Sensor Production Value by Manufacturers (2021-2026)
- 3.3 Global ToF 3D Sensor Average Price by Manufacturers (2021-2026)
- 3.4 Global ToF 3D Sensor Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global ToF 3D Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global ToF 3D Sensor Manufacturers, Product Type & Application
- 3.7 Global ToF 3D Sensor Manufacturers Established Date
- 3.8 Global ToF 3D Sensor Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Infineon Technologies
 - 4.1.1 Infineon Technologies ToF 3D Sensor Company Information
 - 4.1.2 Infineon Technologies ToF 3D Sensor Business Overview
 - 4.1.3 Infineon Technologies ToF 3D Sensor Production, Value and Gross Margin (2021-2026)
 - 4.1.4 Infineon Technologies Product Portfolio
 - 4.1.5 Infineon Technologies Recent Developments

4.2 Nuvoton Technology

4.2.1 Nuvoton Technology ToF 3D Sensor Company Information

4.2.2 Nuvoton Technology ToF 3D Sensor Business Overview

4.2.3 Nuvoton Technology ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.2.4 Nuvoton Technology Product Portfolio

4.2.5 Nuvoton Technology Recent Developments

4.3 Samsung

4.3.1 Samsung ToF 3D Sensor Company Information

4.3.2 Samsung ToF 3D Sensor Business Overview

4.3.3 Samsung ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.3.4 Samsung Product Portfolio

4.3.5 Samsung Recent Developments

4.4 Sony

4.4.1 Sony ToF 3D Sensor Company Information

4.4.2 Sony ToF 3D Sensor Business Overview

4.4.3 Sony ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.4.4 Sony Product Portfolio

4.4.5 Sony Recent Developments

4.5 TOPPAN

4.5.1 TOPPAN ToF 3D Sensor Company Information

4.5.2 TOPPAN ToF 3D Sensor Business Overview

4.5.3 TOPPAN ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.5.4 TOPPAN Product Portfolio

4.5.5 TOPPAN Recent Developments

4.6 Ams-Osram

4.6.1 Ams-Osram ToF 3D Sensor Company Information

4.6.2 Ams-Osram ToF 3D Sensor Business Overview

4.6.3 Ams-Osram ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.6.4 Ams-Osram Product Portfolio

4.6.5 Ams-Osram Recent Developments

4.7 ifm electronic

4.7.1 ifm electronic ToF 3D Sensor Company Information

4.7.2 ifm electronic ToF 3D Sensor Business Overview

4.7.3 ifm electronic ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.7.4 ifm electronic Product Portfolio

4.7.5 ifm electronic Recent Developments

4.8 Terabee

4.8.1 Terabee ToF 3D Sensor Company Information

4.8.2 Terabee ToF 3D Sensor Business Overview

4.8.3 Terabee ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.8.4 Terabee Product Portfolio

4.8.5 Terabee Recent Developments

4.9 Chronoptics

4.9.1 Chronoptics ToF 3D Sensor Company Information

4.9.2 Chronoptics ToF 3D Sensor Business Overview

4.9.3 Chronoptics ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.9.4 Chronoptics Product Portfolio

4.9.5 Chronoptics Recent Developments

4.10 PMD Technologies

4.10.1 PMD Technologies ToF 3D Sensor Company Information

4.10.2 PMD Technologies ToF 3D Sensor Business Overview

4.10.3 PMD Technologies ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.10.4 PMD Technologies Product Portfolio

4.10.5 PMD Technologies Recent Developments

4.11 Broadcom

4.11.1 Broadcom ToF 3D Sensor Company Information

4.11.2 Broadcom ToF 3D Sensor Business Overview

4.11.3 Broadcom ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.11.4 Broadcom Product Portfolio

4.11.5 Broadcom Recent Developments

4.12 STMicroelectronics

4.12.1 STMicroelectronics ToF 3D Sensor Company Information

4.12.2 STMicroelectronics ToF 3D Sensor Business Overview

4.12.3 STMicroelectronics ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.12.4 STMicroelectronics Product Portfolio

4.12.5 STMicroelectronics Recent Developments

4.13 MESA

4.13.1 MESA ToF 3D Sensor Company Information

4.13.2 MESA ToF 3D Sensor Business Overview

4.13.3 MESA ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.13.4 MESA Product Portfolio

4.13.5 MESA Recent Developments

4.14 Melexis

4.14.1 Melexis ToF 3D Sensor Company Information

4.14.2 Melexis ToF 3D Sensor Business Overview

4.14.3 Melexis ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.14.4 Melexis Product Portfolio

4.14.5 Melexis Recent Developments

4.15 Espros Photonics

4.15.1 Espros Photonics ToF 3D Sensor Company Information

4.15.2 Espros Photonics ToF 3D Sensor Business Overview

4.15.3 Espros Photonics ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.15.4 Espros Photonics Product Portfolio

4.15.5 Espros Photonics Recent Developments

4.16 TriDiCam

4.16.1 TriDiCam ToF 3D Sensor Company Information

4.16.2 TriDiCam ToF 3D Sensor Business Overview

4.16.3 TriDiCam ToF 3D Sensor Production, Value and Gross Margin (2021-2026)

4.16.4 TriDiCam Product Portfolio

4.16.5 TriDiCam Recent Developments

5 Global ToF 3D Sensor Production by Region

5.1 Global ToF 3D Sensor Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.2 Global ToF 3D Sensor Production by Region: 2021-2032

5.2.1 Global ToF 3D Sensor Production by Region: 2021-2026

5.2.2 Global ToF 3D Sensor Production Forecast by Region (2027-2032)

5.3 Global ToF 3D Sensor Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.4 Global ToF 3D Sensor Production Value by Region: 2021-2032

5.4.1 Global ToF 3D Sensor Production Value by Region: 2021-2026

5.4.2 Global ToF 3D Sensor Production Value Forecast by Region (2027-2032)

5.5 Global ToF 3D Sensor Market Price Analysis by Region (2021-2026)

5.6 Global ToF 3D Sensor Production and Value, YOY Growth

5.6.1 North America ToF 3D Sensor Production Value Estimates and Forecasts (2021-2032)

5.6.2 Europe ToF 3D Sensor Production Value Estimates and Forecasts (2021-2032)

5.6.3 China ToF 3D Sensor Production Value Estimates and Forecasts (2021-2032)

5.6.4 Japan ToF 3D Sensor Production Value Estimates and Forecasts (2021-2032)

6 Global ToF 3D Sensor Consumption by Region

6.1 Global ToF 3D Sensor Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

6.2 Global ToF 3D Sensor Consumption by Region (2021-2032)

6.2.1 Global ToF 3D Sensor Consumption by Region: 2021-2026

6.2.2 Global ToF 3D Sensor Forecasted Consumption by Region (2027-2032)

6.3 North America

6.3.1 North America ToF 3D Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.3.2 North America ToF 3D Sensor Consumption by Country (2021-2032)

6.3.3 United States

6.3.4 Canada

6.3.5 Mexico

6.4 Europe

6.4.1 Europe ToF 3D Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.4.2 Europe ToF 3D Sensor Consumption by Country (2021-2032)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.4.8 Spain

6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

6.5 Asia Pacific

6.5.1 Asia Pacific ToF 3D Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific ToF 3D Sensor Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa ToF 3D Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa ToF 3D Sensor Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 Segment by Type

7.1 Global ToF 3D Sensor Production by Type (2021-2032)

7.1.1 Global ToF 3D Sensor Production by Type (2021-2032) & (k units)

7.1.2 Global ToF 3D Sensor Production Market Share by Type (2021-2032)

7.2 Global ToF 3D Sensor Production Value by Type (2021-2032)

7.2.1 Global ToF 3D Sensor Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global ToF 3D Sensor Production Value Market Share by Type (2021-2032)

7.3 Global ToF 3D Sensor Price by Type (2021-2032)

8 Segment by Application

8.1 Global ToF 3D Sensor Production by Application (2021-2032)

8.1.1 Global ToF 3D Sensor Production by Application (2021-2032) & (k units)

8.1.2 Global ToF 3D Sensor Production Market Share by Application (2021-2032)

8.2 Global ToF 3D Sensor Production Value by Application (2021-2032)

8.2.1 Global ToF 3D Sensor Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global ToF 3D Sensor Production Value Market Share by Application (2021-2032)

8.3 Global ToF 3D Sensor Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 ToF 3D Sensor Value Chain Analysis

9.1.1 ToF 3D Sensor Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 ToF 3D Sensor Production Mode & Process

9.2 ToF 3D Sensor Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 ToF 3D Sensor Distributors

9.2.3 ToF 3D Sensor Customers

10 Global ToF 3D Sensor Analyzing Market Dynamics

10.1 ToF 3D Sensor Industry Trends

10.2 ToF 3D Sensor Industry Drivers

10.3 ToF 3D Sensor Industry Opportunities and Challenges

10.4 ToF 3D Sensor Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global ToF 3D Sensor Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global ToF 3D Sensor Production Market Share by Manufacturers
- Table 7: Global ToF 3D Sensor Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global ToF 3D Sensor Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global ToF 3D Sensor Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global ToF 3D Sensor Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global ToF 3D Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global ToF 3D Sensor Manufacturers, Product Type & Application
- Table 13: Global ToF 3D Sensor Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global ToF 3D Sensor by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Infineon Technologies Company Information
- Table 18: Infineon Technologies Business Overview
- Table 19: Infineon Technologies ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: Infineon Technologies ToF 3D Sensor Product Portfolio
- Table 21: Infineon Technologies Recent Development
- Table 22: Nuvoton Technology Company Information
- Table 23: Nuvoton Technology Business Overview
- Table 24: Nuvoton Technology ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Nuvoton Technology ToF 3D Sensor Product Portfolio
- Table 26: Nuvoton Technology Recent Development
- Table 27: Samsung Company Information
- Table 28: Samsung Business Overview
- Table 29: Samsung ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: Samsung ToF 3D Sensor Product Portfolio
- Table 31: Samsung Recent Development
- Table 32: Sony Company Information
- Table 33: Sony Business Overview
- Table 34: Sony ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: Sony ToF 3D Sensor Product Portfolio
- Table 36: Sony Recent Development
- Table 37: TOPPAN Company Information
- Table 38: TOPPAN Business Overview
- Table 39: TOPPAN ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: TOPPAN ToF 3D Sensor Product Portfolio
- Table 41: TOPPAN Recent Development
- Table 42: Ams-Osram Company Information
- Table 43: Ams-Osram Business Overview
- Table 44: Ams-Osram ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Ams-Osram ToF 3D Sensor Product Portfolio
- Table 46: Ams-Osram Recent Development
- Table 47: ifm electronic Company Information
- Table 48: ifm electronic Business Overview
- Table 49: ifm electronic ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: ifm electronic ToF 3D Sensor Product Portfolio
- Table 51: ifm electronic Recent Development

- Table 52: Terabee Company Information
- Table 53: Terabee Business Overview
- Table 54: Terabee ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: Terabee ToF 3D Sensor Product Portfolio
- Table 56: Terabee Recent Development
- Table 57: Chronoptics Company Information
- Table 58: Chronoptics Business Overview
- Table 59: Chronoptics ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: Chronoptics ToF 3D Sensor Product Portfolio
- Table 61: Chronoptics Recent Development
- Table 62: PMD Technologies Company Information
- Table 63: PMD Technologies Business Overview
- Table 64: PMD Technologies ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: PMD Technologies ToF 3D Sensor Product Portfolio
- Table 66: PMD Technologies Recent Development
- Table 67: Broadcom Company Information
- Table 68: Broadcom Business Overview
- Table 69: Broadcom ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: Broadcom ToF 3D Sensor Product Portfolio
- Table 71: Broadcom Recent Development
- Table 72: STMicroelectronics Company Information
- Table 73: STMicroelectronics Business Overview
- Table 74: STMicroelectronics ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: STMicroelectronics ToF 3D Sensor Product Portfolio
- Table 76: STMicroelectronics Recent Development
- Table 77: MESA Company Information
- Table 78: MESA Business Overview
- Table 79: MESA ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: MESA ToF 3D Sensor Product Portfolio
- Table 81: MESA Recent Development
- Table 82: Melexis Company Information
- Table 83: Melexis Business Overview
- Table 84: Melexis ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: Melexis ToF 3D Sensor Product Portfolio
- Table 86: Melexis Recent Development
- Table 87: Espros Photonics Company Information
- Table 88: Espros Photonics Business Overview
- Table 89: Espros Photonics ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 90: Espros Photonics ToF 3D Sensor Product Portfolio
- Table 91: Espros Photonics Recent Development
- Table 92: TriDiCam Company Information
- Table 93: TriDiCam Business Overview
- Table 94: TriDiCam ToF 3D Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 95: TriDiCam ToF 3D Sensor Product Portfolio
- Table 96: TriDiCam Recent Development
- Table 97: Global ToF 3D Sensor Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 98: Global ToF 3D Sensor Production by Region (2021-2026) & (k units)
- Table 99: Global ToF 3D Sensor Production Market Share by Region (2021-2026)
- Table 100: Global ToF 3D Sensor Production Forecast by Region (2027-2032) & (k units)
- Table 101: Global ToF 3D Sensor Production Market Share Forecast by Region (2027-2032)
- Table 102: Global ToF 3D Sensor Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 103: Global ToF 3D Sensor Production Value by Region (2021-2026) & (US\$ Million)
- Table 104: Global ToF 3D Sensor Production Value Market Share by Region (2021-2026)
- Table 105: Global ToF 3D Sensor Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 106: Global ToF 3D Sensor Market Average Price (USD/unit) by Region (2021-2026)
- Table 107: Global ToF 3D Sensor Market Average Price (USD/unit) by Region (2027-2032)
- Table 108: Global ToF 3D Sensor Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 109: Global ToF 3D Sensor Consumption by Region (2021-2026) & (k units)
- Table 110: Global ToF 3D Sensor Consumption Market Share by Region (2021-2026)
- Table 111: Global ToF 3D Sensor Forecasted Consumption by Region (2027-2032) & (k units)
- Table 112: Global ToF 3D Sensor Forecasted Consumption Market Share by Region (2027-2032)

- Table 113: North America ToF 3D Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 114: North America ToF 3D Sensor Consumption by Country (2021-2026) & (k units)
- Table 115: North America ToF 3D Sensor Consumption by Country (2027-2032) & (k units)
- Table 116: Europe ToF 3D Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 117: Europe ToF 3D Sensor Consumption by Country (2021-2026) & (k units)
- Table 118: Europe ToF 3D Sensor Consumption by Country (2027-2032) & (k units)
- Table 119: Asia Pacific ToF 3D Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 120: Asia Pacific ToF 3D Sensor Consumption by Country (2021-2026) & (k units)
- Table 121: Asia Pacific ToF 3D Sensor Consumption by Country (2027-2032) & (k units)
- Table 122: South America, Middle East & Africa ToF 3D Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 123: South America, Middle East & Africa ToF 3D Sensor Consumption by Country (2021-2026) & (k units)
- Table 124: South America, Middle East & Africa ToF 3D Sensor Consumption by Country (2027-2032) & (k units)
- Table 125: Global ToF 3D Sensor Production by Type (2021-2026) & (k units)
- Table 126: Global ToF 3D Sensor Production by Type (2027-2032) & (k units)
- Table 127: Global ToF 3D Sensor Production Market Share by Type (2021-2026)
- Table 128: Global ToF 3D Sensor Production Market Share by Type (2027-2032)
- Table 129: Global ToF 3D Sensor Production Value by Type (2021-2026) & (US\$ Million)
- Table 130: Global ToF 3D Sensor Production Value by Type (2027-2032) & (US\$ Million)
- Table 131: Global ToF 3D Sensor Production Value Market Share by Type (2021-2026)
- Table 132: Global ToF 3D Sensor Production Value Market Share by Type (2027-2032)
- Table 133: Global ToF 3D Sensor Price by Type (2021-2026) & (USD/unit)
- Table 134: Global ToF 3D Sensor Price by Type (2027-2032) & (USD/unit)
- Table 135: Global ToF 3D Sensor Production by Application (2021-2026) & (k units)
- Table 136: Global ToF 3D Sensor Production by Application (2027-2032) & (k units)
- Table 137: Global ToF 3D Sensor Production Market Share by Application (2021-2026)
- Table 138: Global ToF 3D Sensor Production Market Share by Application (2027-2032)
- Table 139: Global ToF 3D Sensor Production Value by Application (2021-2026) & (US\$ Million)
- Table 140: Global ToF 3D Sensor Production Value by Application (2027-2032) & (US\$ Million)
- Table 141: Global ToF 3D Sensor Production Value Market Share by Application (2021-2026)
- Table 142: Global ToF 3D Sensor Production Value Market Share by Application (2027-2032)
- Table 143: Global ToF 3D Sensor Price by Application (2021-2026) & (USD/unit)
- Table 144: Global ToF 3D Sensor Price by Application (2027-2032) & (USD/unit)
- Table 145: Key Raw Materials
- Table 146: Raw Materials Key Suppliers
- Table 147: ToF 3D Sensor Distributors List
- Table 148: ToF 3D Sensor Customers List
- Table 149: ToF 3D Sensor Industry Trends
- Table 150: ToF 3D Sensor Industry Drivers
- Table 151: ToF 3D Sensor Industry Restraints
- Table 152: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: ToF 3D Sensor Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Laser ToF Sensor Product Image
- Figure 7: Infrared ToF Sensor Product Image
- Figure 8: Ultrasonic ToF Sensor Product Image
- Figure 9: Others Product Image
- Figure 10: Automobile Industry Product Image
- Figure 11: Industry Product Image
- Figure 12: Others Product Image
- Figure 13: Global ToF 3D Sensor Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 14: Global ToF 3D Sensor Production Value (2021-2032) & (US\$ Million)
- Figure 15: Global ToF 3D Sensor Production Capacity (2021-2032) & (k units)
- Figure 16: Global ToF 3D Sensor Production (2021-2032) & (k units)
- Figure 17: Global ToF 3D Sensor Average Price (USD/unit) & (2021-2032)
- Figure 18: Global ToF 3D Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 19: Global Top 5 and 10 ToF 3D Sensor Players Market Share by Production Value in 2025
- Figure 20: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025

- Figure 21: Global ToF 3D Sensor Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 22: Global ToF 3D Sensor Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 23: Global ToF 3D Sensor Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 24: Global ToF 3D Sensor Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: North America ToF 3D Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: Europe ToF 3D Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: China ToF 3D Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Japan ToF 3D Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: Global ToF 3D Sensor Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 30: Global ToF 3D Sensor Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 31: North America ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 32: North America ToF 3D Sensor Consumption Market Share by Country (2021-2032)
- Figure 33: United States ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 34: United States ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: Canada ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 36: Mexico ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: Europe ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 38: Europe ToF 3D Sensor Consumption Market Share by Country (2021-2032)
- Figure 39: Germany ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: France ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: U.K. ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: Italy ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Russia ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: Spain ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Netherlands ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Switzerland ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Sweden ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Poland ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Asia Pacific ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Asia Pacific ToF 3D Sensor Consumption Market Share by Country (2021-2032)
- Figure 51: China ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Japan ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: South Korea ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: India ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Australia ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: Taiwan ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Southeast Asia ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: South America, Middle East & Africa ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: South America, Middle East & Africa ToF 3D Sensor Consumption Market Share by Country (2021-2032)
- Figure 60: Brazil ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: Argentina ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Chile ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: Turkey ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: GCC Countries ToF 3D Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: Global ToF 3D Sensor Production Market Share by Type (2021-2032)
- Figure 66: Global ToF 3D Sensor Production Value Market Share by Type (2021-2032)
- Figure 67: Global ToF 3D Sensor Price (USD/unit) by Type (2021-2032)
- Figure 68: Global ToF 3D Sensor Production Market Share by Application (2021-2032)
- Figure 69: Global ToF 3D Sensor Production Value Market Share by Application (2021-2032)
- Figure 70: Global ToF 3D Sensor Price (USD/unit) by Application (2021-2032)
- Figure 71: ToF 3D Sensor Value Chain
- Figure 72: ToF 3D Sensor Production Mode & Process
- Figure 73: Direct Comparison with Distribution Share
- Figure 74: Distributors Profiles
- Figure 75: ToF 3D Sensor Industry Opportunities and Challenges