

# Global Ultra-Thin Under-Display Optical Fingerprint Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/G1BAA2F32D7AEN.html

Date: March 2023

Pages: 107

Price: US\$ 3,480.00 (Single User License)

ID: G1BAA2F32D7AEN

# **Abstracts**

According to our (Global Info Research) latest study, the global Ultra-Thin Under-Display Optical Fingerprint Sensor market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Ultra-Thin Under-Display Optical Fingerprint Sensor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

### Key Features:

Global Ultra-Thin Under-Display Optical Fingerprint Sensor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/K Units), 2018-2029

Global Ultra-Thin Under-Display Optical Fingerprint Sensor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/K Units), 2018-2029

Global Ultra-Thin Under-Display Optical Fingerprint Sensor market size and forecasts,



by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/K Units), 2018-2029

Global Ultra-Thin Under-Display Optical Fingerprint Sensor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/K Units), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Ultra-Thin Under-Display Optical Fingerprint Sensor

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Ultra-Thin Under-Display Optical Fingerprint Sensor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Synaptics, Fingerprint Cards, Qualcomm, AuthenTec and Goodix Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Ultra-Thin Under-Display Optical Fingerprint Sensor market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Face Recognition: 6.5mm \* 6.5mm

Face Recognition: 5.5mm \* 5.5mm



Others		
Market segment by Application		
Smart Phones		
Tablet		
Laptop		
Other		
Major players covered		
Synaptics		
Fingerprint Cards		
Qualcomm		
AuthenTec		
Goodix Technology		
POWER SHIELD LIMITED		
Gigadevice Semiconductor		
Chipone Technology		
FocalTech		
Suzhou Mairui Microelectronics		
Xinwei Technology		



# Shenzhen Xinqihang Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Ultra-Thin Under-Display Optical Fingerprint Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Ultra-Thin Under-Display Optical Fingerprint Sensor, with price, sales, revenue and global market share of Ultra-Thin Under-Display Optical Fingerprint Sensor from 2018 to 2023.

Chapter 3, the Ultra-Thin Under-Display Optical Fingerprint Sensor competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ultra-Thin Under-Display Optical Fingerprint Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017



to 2022.and Ultra-Thin Under-Display Optical Fingerprint Sensor market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Ultra-Thin Under-Display Optical Fingerprint Sensor.

Chapter 14 and 15, to describe Ultra-Thin Under-Display Optical Fingerprint Sensor sales channel, distributors, customers, research findings and conclusion.



# **Contents**

#### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Ultra-Thin Under-Display Optical Fingerprint Sensor
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Ultra-Thin Under-Display Optical Fingerprint Sensor

Consumption Value by Type: 2018 Versus 2022 Versus 2029

- 1.3.2 Face Recognition: 6.5mm \* 6.5mm
- 1.3.3 Face Recognition: 5.5mm \* 5.5mm
- 1.3.4 Others
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Ultra-Thin Under-Display Optical Fingerprint Sensor

Consumption Value by Application: 2018 Versus 2022 Versus 2029

- 1.4.2 Smart Phones
- 1.4.3 Tablet
- 1.4.4 Laptop
- 1.4.5 Other
- 1.5 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Market Size & Forecast
- 1.5.1 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018 & 2022 & 2029)
- 1.5.2 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (2018-2029)
- 1.5.3 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price (2018-2029)

#### 2 MANUFACTURERS PROFILES

- 2.1 Synaptics
  - 2.1.1 Synaptics Details
  - 2.1.2 Synaptics Major Business
- 2.1.3 Synaptics Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.1.4 Synaptics Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Synaptics Recent Developments/Updates
- 2.2 Fingerprint Cards
- 2.2.1 Fingerprint Cards Details



- 2.2.2 Fingerprint Cards Major Business
- 2.2.3 Fingerprint Cards Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.2.4 Fingerprint Cards Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.2.5 Fingerprint Cards Recent Developments/Updates
- 2.3 Qualcomm
  - 2.3.1 Qualcomm Details
  - 2.3.2 Qualcomm Major Business
- 2.3.3 Qualcomm Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.3.4 Qualcomm Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.3.5 Qualcomm Recent Developments/Updates
- 2.4 AuthenTec
  - 2.4.1 AuthenTec Details
  - 2.4.2 AuthenTec Major Business
- 2.4.3 AuthenTec Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.4.4 AuthenTec Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 AuthenTec Recent Developments/Updates
- 2.5 Goodix Technology
  - 2.5.1 Goodix Technology Details
  - 2.5.2 Goodix Technology Major Business
- 2.5.3 Goodix Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.5.4 Goodix Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 Goodix Technology Recent Developments/Updates
- 2.6 POWER SHIELD LIMITED
  - 2.6.1 POWER SHIELD LIMITED Details
  - 2.6.2 POWER SHIELD LIMITED Major Business
- 2.6.3 POWER SHIELD LIMITED Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.6.4 POWER SHIELD LIMITED Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 POWER SHIELD LIMITED Recent Developments/Updates
- 2.7 Gigadevice Semiconductor



- 2.7.1 Gigadevice Semiconductor Details
- 2.7.2 Gigadevice Semiconductor Major Business
- 2.7.3 Gigadevice Semiconductor Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.7.4 Gigadevice Semiconductor Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.7.5 Gigadevice Semiconductor Recent Developments/Updates
- 2.8 Chipone Technology
  - 2.8.1 Chipone Technology Details
  - 2.8.2 Chipone Technology Major Business
- 2.8.3 Chipone Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.8.4 Chipone Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.8.5 Chipone Technology Recent Developments/Updates
- 2.9 FocalTech
  - 2.9.1 FocalTech Details
  - 2.9.2 FocalTech Major Business
- 2.9.3 FocalTech Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.9.4 FocalTech Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.9.5 FocalTech Recent Developments/Updates
- 2.10 Suzhou Mairui Microelectronics
  - 2.10.1 Suzhou Mairui Microelectronics Details
  - 2.10.2 Suzhou Mairui Microelectronics Major Business
- 2.10.3 Suzhou Mairui Microelectronics Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.10.4 Suzhou Mairui Microelectronics Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.10.5 Suzhou Mairui Microelectronics Recent Developments/Updates
- 2.11 Xinwei Technology
  - 2.11.1 Xinwei Technology Details
  - 2.11.2 Xinwei Technology Major Business
- 2.11.3 Xinwei Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.11.4 Xinwei Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)



- 2.11.5 Xinwei Technology Recent Developments/Updates
- 2.12 Shenzhen Xinqihang Technology
  - 2.12.1 Shenzhen Xinqihang Technology Details
  - 2.12.2 Shenzhen Xinqihang Technology Major Business
- 2.12.3 Shenzhen Xinqihang Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- 2.12.4 Shenzhen Xinqihang Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.12.5 Shenzhen Xinqihang Technology Recent Developments/Updates

# 3 COMPETITIVE ENVIRONMENT: ULTRA-THIN UNDER-DISPLAY OPTICAL FINGERPRINT SENSOR BY MANUFACTURER

- 3.1 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Revenue by Manufacturer (2018-2023)
- 3.3 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
- 3.4.1 Producer Shipments of Ultra-Thin Under-Display Optical Fingerprint Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- 3.4.2 Top 3 Ultra-Thin Under-Display Optical Fingerprint Sensor Manufacturer Market Share in 2022
- 3.4.2 Top 6 Ultra-Thin Under-Display Optical Fingerprint Sensor Manufacturer Market Share in 2022
- 3.5 Ultra-Thin Under-Display Optical Fingerprint Sensor Market: Overall Company Footprint Analysis
  - 3.5.1 Ultra-Thin Under-Display Optical Fingerprint Sensor Market: Region Footprint
- 3.5.2 Ultra-Thin Under-Display Optical Fingerprint Sensor Market: Company Product Type Footprint
- 3.5.3 Ultra-Thin Under-Display Optical Fingerprint Sensor Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

#### **4 CONSUMPTION ANALYSIS BY REGION**



- 4.1 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Market Size by Region
- 4.1.1 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Region (2018-2029)
- 4.1.2 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Region (2018-2029)
- 4.1.3 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Region (2018-2029)
- 4.2 North America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018-2029)
- 4.3 Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018-2029)
- 4.4 Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018-2029)
- 4.5 South America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018-2029)
- 4.6 Middle East and Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018-2029)

#### **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2018-2029)
- 5.2 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Type (2018-2029)
- 5.3 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Type (2018-2029)

#### **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2029)
- 6.2 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Application (2018-2029)
- 6.3 Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Application (2018-2029)

#### **7 NORTH AMERICA**

7.1 North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity



- by Type (2018-2029)
- 7.2 North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2029)
- 7.3 North America Ultra-Thin Under-Display Optical Fingerprint Sensor Market Size by Country
- 7.3.1 North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Country (2018-2029)
- 7.3.2 North America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Country (2018-2029)
  - 7.3.3 United States Market Size and Forecast (2018-2029)
  - 7.3.4 Canada Market Size and Forecast (2018-2029)
  - 7.3.5 Mexico Market Size and Forecast (2018-2029)

#### **8 EUROPE**

- 8.1 Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2018-2029)
- 8.2 Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2029)
- 8.3 Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Market Size by Country
- 8.3.1 Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Country (2018-2029)
- 8.3.2 Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Country (2018-2029)
  - 8.3.3 Germany Market Size and Forecast (2018-2029)
  - 8.3.4 France Market Size and Forecast (2018-2029)
  - 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
  - 8.3.6 Russia Market Size and Forecast (2018-2029)
  - 8.3.7 Italy Market Size and Forecast (2018-2029)

#### 9 ASIA-PACIFIC

- 9.1 Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Market Size by Region
  - 9.3.1 Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity



- by Region (2018-2029)
- 9.3.2 Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Region (2018-2029)
  - 9.3.3 China Market Size and Forecast (2018-2029)
  - 9.3.4 Japan Market Size and Forecast (2018-2029)
  - 9.3.5 Korea Market Size and Forecast (2018-2029)
  - 9.3.6 India Market Size and Forecast (2018-2029)
  - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
  - 9.3.8 Australia Market Size and Forecast (2018-2029)

#### **10 SOUTH AMERICA**

- 10.1 South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2018-2029)
- 10.2 South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2029)
- 10.3 South America Ultra-Thin Under-Display Optical Fingerprint Sensor Market Size by Country
- 10.3.1 South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Country (2018-2029)
- 10.3.2 South America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Country (2018-2029)
  - 10.3.3 Brazil Market Size and Forecast (2018-2029)
  - 10.3.4 Argentina Market Size and Forecast (2018-2029)

#### 11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Market Size by Country
- 11.3.1 Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Country (2018-2029)
- 11.3.2 Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Country (2018-2029)
  - 11.3.3 Turkey Market Size and Forecast (2018-2029)
  - 11.3.4 Egypt Market Size and Forecast (2018-2029)



- 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
- 11.3.6 South Africa Market Size and Forecast (2018-2029)

#### 12 MARKET DYNAMICS

- 12.1 Ultra-Thin Under-Display Optical Fingerprint Sensor Market Drivers
- 12.2 Ultra-Thin Under-Display Optical Fingerprint Sensor Market Restraints
- 12.3 Ultra-Thin Under-Display Optical Fingerprint Sensor Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
  - 12.5.1 Influence of COVID-19
  - 12.5.2 Influence of Russia-Ukraine War

#### 13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Ultra-Thin Under-Display Optical Fingerprint Sensor and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Ultra-Thin Under-Display Optical Fingerprint Sensor
- 13.3 Ultra-Thin Under-Display Optical Fingerprint Sensor Production Process
- 13.4 Ultra-Thin Under-Display Optical Fingerprint Sensor Industrial Chain

#### 14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Ultra-Thin Under-Display Optical Fingerprint Sensor Typical Distributors
- 14.3 Ultra-Thin Under-Display Optical Fingerprint Sensor Typical Customers

#### 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**



- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

- Table 1. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 2. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. Synaptics Basic Information, Manufacturing Base and Competitors
- Table 4. Synaptics Major Business
- Table 5. Synaptics Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 6. Synaptics Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. Synaptics Recent Developments/Updates
- Table 8. Fingerprint Cards Basic Information, Manufacturing Base and Competitors
- Table 9. Fingerprint Cards Major Business
- Table 10. Fingerprint Cards Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 11. Fingerprint Cards Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. Fingerprint Cards Recent Developments/Updates
- Table 13. Qualcomm Basic Information, Manufacturing Base and Competitors
- Table 14. Qualcomm Major Business
- Table 15. Qualcomm Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 16. Qualcomm Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. Qualcomm Recent Developments/Updates
- Table 18. AuthenTec Basic Information, Manufacturing Base and Competitors
- Table 19. AuthenTec Major Business
- Table 20. AuthenTec Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 21. AuthenTec Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)



- Table 22. AuthenTec Recent Developments/Updates
- Table 23. Goodix Technology Basic Information, Manufacturing Base and Competitors
- Table 24. Goodix Technology Major Business
- Table 25. Goodix Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 26. Goodix Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 27. Goodix Technology Recent Developments/Updates
- Table 28. POWER SHIELD LIMITED Basic Information, Manufacturing Base and Competitors
- Table 29. POWER SHIELD LIMITED Major Business
- Table 30. POWER SHIELD LIMITED Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 31. POWER SHIELD LIMITED Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. POWER SHIELD LIMITED Recent Developments/Updates
- Table 33. Gigadevice Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 34. Gigadevice Semiconductor Major Business
- Table 35. Gigadevice Semiconductor Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 36. Gigadevice Semiconductor Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. Gigadevice Semiconductor Recent Developments/Updates
- Table 38. Chipone Technology Basic Information, Manufacturing Base and Competitors
- Table 39. Chipone Technology Major Business
- Table 40. Chipone Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 41. Chipone Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. Chipone Technology Recent Developments/Updates
- Table 43. FocalTech Basic Information, Manufacturing Base and Competitors
- Table 44. FocalTech Major Business
- Table 45. FocalTech Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services



- Table 46. FocalTech Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 47. FocalTech Recent Developments/Updates
- Table 48. Suzhou Mairui Microelectronics Basic Information, Manufacturing Base and Competitors
- Table 49. Suzhou Mairui Microelectronics Major Business
- Table 50. Suzhou Mairui Microelectronics Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 51. Suzhou Mairui Microelectronics Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 52. Suzhou Mairui Microelectronics Recent Developments/Updates
- Table 53. Xinwei Technology Basic Information, Manufacturing Base and Competitors
- Table 54. Xinwei Technology Major Business
- Table 55. Xinwei Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 56. Xinwei Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 57. Xinwei Technology Recent Developments/Updates
- Table 58. Shenzhen Xinqihang Technology Basic Information, Manufacturing Base and Competitors
- Table 59. Shenzhen Xinqihang Technology Major Business
- Table 60. Shenzhen Xinqihang Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Product and Services
- Table 61. Shenzhen Xinqihang Technology Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 62. Shenzhen Xinqihang Technology Recent Developments/Updates
- Table 63. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Manufacturer (2018-2023) & (K Units)
- Table 64. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 65. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Manufacturer (2018-2023) & (US\$/K Units)
- Table 66. Market Position of Manufacturers in Ultra-Thin Under-Display Optical
- Fingerprint Sensor, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 67. Head Office and Ultra-Thin Under-Display Optical Fingerprint Sensor



Production Site of Key Manufacturer

Table 68. Ultra-Thin Under-Display Optical Fingerprint Sensor Market: Company Product Type Footprint

Table 69. Ultra-Thin Under-Display Optical Fingerprint Sensor Market: Company Product Application Footprint

Table 70. Ultra-Thin Under-Display Optical Fingerprint Sensor New Market Entrants and Barriers to Market Entry

Table 71. Ultra-Thin Under-Display Optical Fingerprint Sensor Mergers, Acquisition, Agreements, and Collaborations

Table 72. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Region (2018-2023) & (K Units)

Table 73. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Region (2024-2029) & (K Units)

Table 74. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 75. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 76. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Region (2018-2023) & (US\$/K Units)

Table 77. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Region (2024-2029) & (US\$/K Units)

Table 78. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 79. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 80. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Type (2018-2023) & (USD Million)

Table 81. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Type (2024-2029) & (USD Million)

Table 82. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Type (2018-2023) & (US\$/K Units)

Table 83. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Type (2024-2029) & (US\$/K Units)

Table 84. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 85. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 86. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Application (2018-2023) & (USD Million)



Table 87. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Application (2024-2029) & (USD Million)

Table 88. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Application (2018-2023) & (US\$/K Units)

Table 89. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Application (2024-2029) & (US\$/K Units)

Table 90. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 91. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 92. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 93. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 94. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 95. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 96. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 97. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 98. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 99. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 100. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 101. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 102. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 103. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 104. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 105. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 106. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales



Quantity by Type (2018-2023) & (K Units)

Table 107. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 108. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 109. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 110. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Region (2018-2023) & (K Units)

Table 111. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Region (2024-2029) & (K Units)

Table 112. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 113. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 114. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 115. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 116. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 117. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 118. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 119. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 120. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 121. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 122. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 123. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 124. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 125. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Application (2024-2029) & (K Units)



Table 126. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Region (2018-2023) & (K Units)

Table 127. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity by Region (2024-2029) & (K Units)

Table 128. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 129. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 130. Ultra-Thin Under-Display Optical Fingerprint Sensor Raw Material

Table 131. Key Manufacturers of Ultra-Thin Under-Display Optical Fingerprint Sensor Raw Materials

Table 132. Ultra-Thin Under-Display Optical Fingerprint Sensor Typical Distributors Table 133. Ultra-Thin Under-Display Optical Fingerprint Sensor Typical Customers



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. Ultra-Thin Under-Display Optical Fingerprint Sensor Picture

Figure 2. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption

Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption

Value Market Share by Type in 2022

Figure 4. Face Recognition: 6.5mm \* 6.5mm Examples

Figure 5. Face Recognition: 5.5mm \* 5.5mm Examples

Figure 6. Others Examples

Figure 7. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption

Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption

Value Market Share by Application in 2022

Figure 9. Smart Phones Examples

Figure 10. Tablet Examples

Figure 11. Laptop Examples

Figure 12. Other Examples

Figure 13. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption

Value, (USD Million): 2018 & 2022 & 2029

Figure 14. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption

Value and Forecast (2018-2029) & (USD Million)

Figure 15. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity

(2018-2029) & (K Units)

Figure 16. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price

(2018-2029) & (US\$/K Units)

Figure 17. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity

Market Share by Manufacturer in 2022

Figure 18. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption

Value Market Share by Manufacturer in 2022

Figure 19. Producer Shipments of Ultra-Thin Under-Display Optical Fingerprint Sensor

by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 20. Top 3 Ultra-Thin Under-Display Optical Fingerprint Sensor Manufacturer

(Consumption Value) Market Share in 2022

Figure 21. Top 6 Ultra-Thin Under-Display Optical Fingerprint Sensor Manufacturer

(Consumption Value) Market Share in 2022

Figure 22. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity



Market Share by Region (2018-2029)

Figure 23. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value Market Share by Region (2018-2029)

Figure 24. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018-2029) & (USD Million)

Figure 25. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018-2029) & (USD Million)

Figure 26. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018-2029) & (USD Million)

Figure 27. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018-2029) & (USD Million)

Figure 28. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value (2018-2029) & (USD Million)

Figure 29. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 30. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value Market Share by Type (2018-2029)

Figure 31. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Type (2018-2029) & (US\$/K Units)

Figure 32. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 33. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value Market Share by Application (2018-2029)

Figure 34. Global Ultra-Thin Under-Display Optical Fingerprint Sensor Average Price by Application (2018-2029) & (US\$/K Units)

Figure 35. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 36. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 37. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 38. North America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value Market Share by Country (2018-2029)

Figure 39. United States Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Canada Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Mexico Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)



Figure 42. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 43. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 44. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 45. Europe Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value Market Share by Country (2018-2029)

Figure 46. Germany Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. France Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. United Kingdom Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Russia Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Italy Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 52. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 53. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 54. Asia-Pacific Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value Market Share by Region (2018-2029)

Figure 55. China Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Japan Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Korea Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. India Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Southeast Asia Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Australia Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales



Quantity Market Share by Type (2018-2029)

Figure 62. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 63. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 64. South America Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value Market Share by Country (2018-2029)

Figure 65. Brazil Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Argentina Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 68. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 69. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 70. Middle East & Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value Market Share by Region (2018-2029)

Figure 71. Turkey Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Egypt Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Saudi Arabia Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. South Africa Ultra-Thin Under-Display Optical Fingerprint Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Ultra-Thin Under-Display Optical Fingerprint Sensor Market Drivers

Figure 76. Ultra-Thin Under-Display Optical Fingerprint Sensor Market Restraints

Figure 77. Ultra-Thin Under-Display Optical Fingerprint Sensor Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Ultra-Thin Under-Display Optical Fingerprint Sensor in 2022

Figure 80. Manufacturing Process Analysis of Ultra-Thin Under-Display Optical Fingerprint Sensor

Figure 81. Ultra-Thin Under-Display Optical Fingerprint Sensor Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons



Figure 85. Methodology

Figure 86. Research Process and Data Source



#### I would like to order

Product name: Global Ultra-Thin Under-Display Optical Fingerprint Sensor Market 2023 by

Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: https://marketpublishers.com/r/G1BAA2F32D7AEN.html

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G1BAA2F32D7AEN.html">https://marketpublishers.com/r/G1BAA2F32D7AEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



