

Global FC-BGA Substrates Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

<https://marketpublishers.com/r/G182C95F7C76EN.html>

Date: August 2022

Pages: 109

Price: US\$ 3,132.00 (Single User License)

ID: G182C95F7C76EN

Abstracts

The FC-BGA Substrates market report provides a detailed analysis of global market size, regional and country-level market size, segmentation market growth, market share, competitive Landscape, sales analysis, impact of domestic and global market players, value chain optimization, trade regulations, recent developments, opportunities analysis, strategic market growth analysis, product launches, area marketplace expanding, and technological innovations.

According to our (Global Info Research) latest study, due to COVID-19 pandemic, the global FC-BGA Substrates market size is estimated to be worth US\$ million in 2021 and is forecast to a readjusted size of USD million by 2028 with a CAGR of % during review period. Network Device (ASIC) accounting for % of the FC-BGA Substrates global market in 2021, is projected to value USD million by 2028, growing at a % CAGR in next six years. While Core Thickness: 400-1200 ?m segment is altered to a % CAGR between 2022 and 2028.

Global key manufacturers of FC-BGA Substrates include Toppan, KYOCERA, Alcanta, Fujitsu, and Samsung Electro-Mechanics, etc. In terms of revenue, the global top four players hold a share over % in 2021.

Market segmentation

FC-BGA Substrates market is split by Type and by Application. For the period 2017-2028, the growth among segments provide accurate calculations and forecasts for sales 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, covers

Core Thickness: 400-1200 ?m

Core Thickness: 1200-1400 ?m

Othes

Market segment by Application can be divided into

Network Device (ASIC)

Server/PC (CPU)

AI Processor

Automotive (Infotainment / ADAS)

Home Game Console (SoC)

Graphic Processing Unit (GPU)

The key market players for global FC-BGA Substrates market are listed below:

Toppan

KYOCERA

Alcanta

Fujitsu

Samsung Electro-Mechanics

Panasonic

LG Innotek

SHINKO

Unimicron

Ibiden

Nan Ya Printed Circuit Board

Kinsus Interconnect

AT&S

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 FC-BGA Substrates product scope, market overview, market opportunities, market driving force and market risks.

Chapter 2, to profile the top manufacturers of FC-BGA Substrates, with price, sales, revenue and global market share of FC-BGA Substrates from 2019 to 2022.

Chapter 3, the FC-BGA Substrates competitive situation, sales, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the FC-BGA Substrates breakdown data are shown at the regional level, to show the sales, revenue and growth by regions, from 2017 to 2028.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2017 to 2028.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales, revenue and market share for key countries in the world, from 2017 to 2022. and FC-BGA Substrates market forecast, by regions, type and application, with sales and revenue, from 2023 to 2028.

Chapter 12, the key raw materials and key suppliers, and industry chain of FC-BGA Substrates.

Chapter 13, 14, and 15, to describe FC-BGA Substrates sales channel, distributors, customers, research findings and conclusion, appendix and data source.

Contents

1 MARKET OVERVIEW

1.1 FC-BGA Substrates Introduction

1.2 Market Analysis by Type

1.2.1 Overview: Global FC-BGA Substrates Revenue by Type: 2017 Versus 2021 Versus 2028

1.2.2 Core Thickness: 400-1200 µm

1.2.3 Core Thickness: 1200-1400 µm

1.2.4 Others

1.3 Market Analysis by Application

1.3.1 Overview: Global FC-BGA Substrates Revenue by Application: 2017 Versus 2021 Versus 2028

1.3.2 Network Device (ASIC)

1.3.3 Server/PC (CPU)

1.3.4 AI Processor

1.3.5 Automotive (Infotainment / ADAS)

1.3.6 Home Game Console (SoC)

1.3.7 Graphic Processing Unit (GPU)

1.4 Global FC-BGA Substrates Market Size & Forecast

1.4.1 Global FC-BGA Substrates Sales in Value (2017 & 2021 & 2028)

1.4.2 Global FC-BGA Substrates Sales in Volume (2017-2028)

1.4.3 Global FC-BGA Substrates Price (2017-2028)

1.5 Global FC-BGA Substrates Production Capacity Analysis

1.5.1 Global FC-BGA Substrates Total Production Capacity (2017-2028)

1.5.2 Global FC-BGA Substrates Production Capacity by Geographic Region

1.6 Market Drivers, Restraints and Trends

1.6.1 FC-BGA Substrates Market Drivers

1.6.2 FC-BGA Substrates Market Restraints

1.6.3 FC-BGA Substrates Trends Analysis

2 MANUFACTURERS PROFILES

2.1 Toppan

2.1.1 Toppan Details

2.1.2 Toppan Major Business

2.1.3 Toppan FC-BGA Substrates Product and Services

2.1.4 Toppan FC-BGA Substrates Sales, Price, Revenue, Gross Margin and Market

Share (2019, 2020, 2021, and 2022)

2.2 KYOCERA

2.2.1 KYOCERA Details

2.2.2 KYOCERA Major Business

2.2.3 KYOCERA FC-BGA Substrates Product and Services

2.2.4 KYOCERA FC-BGA Substrates Sales, Price, Revenue, Gross Margin and

Market Share (2019, 2020, 2021, and 2022)

2.3 Alcanta

2.3.1 Alcanta Details

2.3.2 Alcanta Major Business

2.3.3 Alcanta FC-BGA Substrates Product and Services

2.3.4 Alcanta FC-BGA Substrates Sales, Price, Revenue, Gross Margin and Market

Share (2019, 2020, 2021, and 2022)

2.4 Fujitsu

2.4.1 Fujitsu Details

2.4.2 Fujitsu Major Business

2.4.3 Fujitsu FC-BGA Substrates Product and Services

2.4.4 Fujitsu FC-BGA Substrates Sales, Price, Revenue, Gross Margin and Market

Share (2019, 2020, 2021, and 2022)

2.5 Samsung Electro-Mechanics

2.5.1 Samsung Electro-Mechanics Details

2.5.2 Samsung Electro-Mechanics Major Business

2.5.3 Samsung Electro-Mechanics FC-BGA Substrates Product and Services

2.5.4 Samsung Electro-Mechanics FC-BGA Substrates Sales, Price, Revenue, Gross

Margin and Market Share (2019, 2020, 2021, and 2022)

2.6 Panasonic

2.6.1 Panasonic Details

2.6.2 Panasonic Major Business

2.6.3 Panasonic FC-BGA Substrates Product and Services

2.6.4 Panasonic FC-BGA Substrates Sales, Price, Revenue, Gross Margin and Market

Share (2019, 2020, 2021, and 2022)

2.7 LG Innotek

2.7.1 LG Innotek Details

2.7.2 LG Innotek Major Business

2.7.3 LG Innotek FC-BGA Substrates Product and Services

2.7.4 LG Innotek FC-BGA Substrates Sales, Price, Revenue, Gross Margin and

Market Share (2019, 2020, 2021, and 2022)

2.8 SHINKO

2.8.1 SHINKO Details

- 2.8.2 SHINKO Major Business
- 2.8.3 SHINKO FC-BGA Substrates Product and Services
- 2.8.4 SHINKO FC-BGA Substrates Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.9 Unimicron
 - 2.9.1 Unimicron Details
 - 2.9.2 Unimicron Major Business
 - 2.9.3 Unimicron FC-BGA Substrates Product and Services
 - 2.9.4 Unimicron FC-BGA Substrates Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.10 Ibiden
 - 2.10.1 Ibiden Details
 - 2.10.2 Ibiden Major Business
 - 2.10.3 Ibiden FC-BGA Substrates Product and Services
 - 2.10.4 Ibiden FC-BGA Substrates Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.11 Nan Ya Printed Circuit Board
 - 2.11.1 Nan Ya Printed Circuit Board Details
 - 2.11.2 Nan Ya Printed Circuit Board Major Business
 - 2.11.3 Nan Ya Printed Circuit Board FC-BGA Substrates Product and Services
 - 2.11.4 Nan Ya Printed Circuit Board FC-BGA Substrates Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.12 Kinsus Interconnect
 - 2.12.1 Kinsus Interconnect Details
 - 2.12.2 Kinsus Interconnect Major Business
 - 2.12.3 Kinsus Interconnect FC-BGA Substrates Product and Services
 - 2.12.4 Kinsus Interconnect FC-BGA Substrates Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.13 AT&S
 - 2.13.1 AT&S Details
 - 2.13.2 AT&S Major Business
 - 2.13.3 AT&S FC-BGA Substrates Product and Services
 - 2.13.4 AT&S FC-BGA Substrates Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

3 FC-BGA SUBSTRATES BREAKDOWN DATA BY MANUFACTURER

- 3.1 Global FC-BGA Substrates Sales in Volume by Manufacturer (2019, 2020, 2021, and 2022)

- 3.2 Global FC-BGA Substrates Revenue by Manufacturer (2019, 2020, 2021, and 2022)
- 3.3 Key Manufacturer Market Position in FC-BGA Substrates
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 FC-BGA Substrates Manufacturer Market Share in 2021
 - 3.4.2 Top 6 FC-BGA Substrates Manufacturer Market Share in 2021
- 3.5 Global FC-BGA Substrates Production Capacity by Company: 2021 VS 2022
- 3.6 Manufacturer by Geography: Head Office and FC-BGA Substrates Production Site
- 3.7 New Entrant and Capacity Expansion Plans
- 3.8 Mergers & Acquisitions

4 MARKET ANALYSIS BY REGION

- 4.1 Global FC-BGA Substrates Market Size by Region
 - 4.1.1 Global FC-BGA Substrates Sales in Volume by Region (2017-2028)
 - 4.1.2 Global FC-BGA Substrates Revenue by Region (2017-2028)
- 4.2 North America FC-BGA Substrates Revenue (2017-2028)
- 4.3 Europe FC-BGA Substrates Revenue (2017-2028)
- 4.4 Asia-Pacific FC-BGA Substrates Revenue (2017-2028)
- 4.5 South America FC-BGA Substrates Revenue (2017-2028)
- 4.6 Middle East and Africa FC-BGA Substrates Revenue (2017-2028)

5 MARKET SEGMENT BY TYPE

- 5.1 Global FC-BGA Substrates Sales in Volume by Type (2017-2028)
- 5.2 Global FC-BGA Substrates Revenue by Type (2017-2028)
- 5.3 Global FC-BGA Substrates Price by Type (2017-2028)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global FC-BGA Substrates Sales in Volume by Application (2017-2028)
- 6.2 Global FC-BGA Substrates Revenue by Application (2017-2028)
- 6.3 Global FC-BGA Substrates Price by Application (2017-2028)

7 NORTH AMERICA BY COUNTRY, BY TYPE, AND BY APPLICATION

- 7.1 North America FC-BGA Substrates Sales by Type (2017-2028)
- 7.2 North America FC-BGA Substrates Sales by Application (2017-2028)
- 7.3 North America FC-BGA Substrates Market Size by Country
 - 7.3.1 North America FC-BGA Substrates Sales in Volume by Country (2017-2028)

- 7.3.2 North America FC-BGA Substrates Revenue by Country (2017-2028)
- 7.3.3 United States Market Size and Forecast (2017-2028)
- 7.3.4 Canada Market Size and Forecast (2017-2028)
- 7.3.5 Mexico Market Size and Forecast (2017-2028)

8 EUROPE BY COUNTRY, BY TYPE, AND BY APPLICATION

- 8.1 Europe FC-BGA Substrates Sales by Type (2017-2028)
- 8.2 Europe FC-BGA Substrates Sales by Application (2017-2028)
- 8.3 Europe FC-BGA Substrates Market Size by Country
 - 8.3.1 Europe FC-BGA Substrates Sales in Volume by Country (2017-2028)
 - 8.3.2 Europe FC-BGA Substrates Revenue by Country (2017-2028)
 - 8.3.3 Germany Market Size and Forecast (2017-2028)
 - 8.3.4 France Market Size and Forecast (2017-2028)
 - 8.3.5 United Kingdom Market Size and Forecast (2017-2028)
 - 8.3.6 Russia Market Size and Forecast (2017-2028)
 - 8.3.7 Italy Market Size and Forecast (2017-2028)

9 ASIA-PACIFIC BY REGION, BY TYPE, AND BY APPLICATION

- 9.1 Asia-Pacific FC-BGA Substrates Sales by Type (2017-2028)
- 9.2 Asia-Pacific FC-BGA Substrates Sales by Application (2017-2028)
- 9.3 Asia-Pacific FC-BGA Substrates Market Size by Region
 - 9.3.1 Asia-Pacific FC-BGA Substrates Sales in Volume by Region (2017-2028)
 - 9.3.2 Asia-Pacific FC-BGA Substrates Revenue by Region (2017-2028)
 - 9.3.3 China Market Size and Forecast (2017-2028)
 - 9.3.4 Japan Market Size and Forecast (2017-2028)
 - 9.3.5 Korea Market Size and Forecast (2017-2028)
 - 9.3.6 India Market Size and Forecast (2017-2028)
 - 9.3.7 Southeast Asia Market Size and Forecast (2017-2028)
 - 9.3.8 Australia Market Size and Forecast (2017-2028)

10 SOUTH AMERICA BY REGION, BY TYPE, AND BY APPLICATION

- 10.1 South America FC-BGA Substrates Sales by Type (2017-2028)
- 10.2 South America FC-BGA Substrates Sales by Application (2017-2028)
- 10.3 South America FC-BGA Substrates Market Size by Country
 - 10.3.1 South America FC-BGA Substrates Sales in Volume by Country (2017-2028)
 - 10.3.2 South America FC-BGA Substrates Revenue by Country (2017-2028)

10.3.3 Brazil Market Size and Forecast (2017-2028)

10.3.4 Argentina Market Size and Forecast (2017-2028)

11 MIDDLE EAST & AFRICA BY COUNTRY, BY TYPE, AND BY APPLICATION

11.1 Middle East & Africa FC-BGA Substrates Sales by Type (2017-2028)

11.2 Middle East & Africa FC-BGA Substrates Sales by Application (2017-2028)

11.3 Middle East & Africa FC-BGA Substrates Market Size by Country

11.3.1 Middle East & Africa FC-BGA Substrates Sales in Volume by Country
(2017-2028)

11.3.2 Middle East & Africa FC-BGA Substrates Revenue by Country (2017-2028)

11.3.3 Turkey Market Size and Forecast (2017-2028)

11.3.4 Egypt Market Size and Forecast (2017-2028)

11.3.5 Saudi Arabia Market Size and Forecast (2017-2028)

11.3.6 South Africa Market Size and Forecast (2017-2028)

12 RAW MATERIAL AND INDUSTRY CHAIN

12.1 Raw Material of FC-BGA Substrates and Key Manufacturers

12.2 Manufacturing Costs Percentage of FC-BGA Substrates

12.3 FC-BGA Substrates Production Process

12.4 FC-BGA Substrates Industrial Chain

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.2 FC-BGA Substrates Typical Distributors

13.3 FC-BGA Substrates Typical Customers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Research Process and Data Source

15.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global FC-BGA Substrates Revenue by Type, (USD Million), 2017 & 2021 & 2028

Table 2. Global FC-BGA Substrates Revenue by Application, (USD Million), 2017 & 2021 & 2028

Table 3. Toppan Basic Information, Manufacturing Base and Competitors

Table 4. Toppan Major Business

Table 5. Toppan FC-BGA Substrates Product and Services

Table 6. Toppan FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 7. KYOCERA Basic Information, Manufacturing Base and Competitors

Table 8. KYOCERA Major Business

Table 9. KYOCERA FC-BGA Substrates Product and Services

Table 10. KYOCERA FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 11. Alcanta Basic Information, Manufacturing Base and Competitors

Table 12. Alcanta Major Business

Table 13. Alcanta FC-BGA Substrates Product and Services

Table 14. Alcanta FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 15. Fujitsu Basic Information, Manufacturing Base and Competitors

Table 16. Fujitsu Major Business

Table 17. Fujitsu FC-BGA Substrates Product and Services

Table 18. Fujitsu FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 19. Samsung Electro-Mechanics Basic Information, Manufacturing Base and Competitors

Table 20. Samsung Electro-Mechanics Major Business

Table 21. Samsung Electro-Mechanics FC-BGA Substrates Product and Services

Table 22. Samsung Electro-Mechanics FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 23. Panasonic Basic Information, Manufacturing Base and Competitors

Table 24. Panasonic Major Business

Table 25. Panasonic FC-BGA Substrates Product and Services

Table 26. Panasonic FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue

(USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 27. LG Innotek Basic Information, Manufacturing Base and Competitors

Table 28. LG Innotek Major Business

Table 29. LG Innotek FC-BGA Substrates Product and Services

Table 30. LG Innotek FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 31. SHINKO Basic Information, Manufacturing Base and Competitors

Table 32. SHINKO Major Business

Table 33. SHINKO FC-BGA Substrates Product and Services

Table 34. SHINKO FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 35. Unimicron Basic Information, Manufacturing Base and Competitors

Table 36. Unimicron Major Business

Table 37. Unimicron FC-BGA Substrates Product and Services

Table 38. Unimicron FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 39. Ibiden Basic Information, Manufacturing Base and Competitors

Table 40. Ibiden Major Business

Table 41. Ibiden FC-BGA Substrates Product and Services

Table 42. Ibiden FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 43. Nan Ya Printed Circuit Board Basic Information, Manufacturing Base and Competitors

Table 44. Nan Ya Printed Circuit Board Major Business

Table 45. Nan Ya Printed Circuit Board FC-BGA Substrates Product and Services

Table 46. Nan Ya Printed Circuit Board FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 47. Kinsus Interconnect Basic Information, Manufacturing Base and Competitors

Table 48. Kinsus Interconnect Major Business

Table 49. Kinsus Interconnect FC-BGA Substrates Product and Services

Table 50. Kinsus Interconnect FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 51. AT&S Basic Information, Manufacturing Base and Competitors

Table 52. AT&S Major Business

Table 53. AT&S FC-BGA Substrates Product and Services

Table 54. AT&S FC-BGA Substrates Sales (K Units), Price (US/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 55. Global FC-BGA Substrates Sales by Manufacturer (2019, 2020, 2021, and

2022) & (K Units)

Table 56. Global FC-BGA Substrates Revenue by Manufacturer (2019, 2020, 2021, and 2022) & (USD Million)

Table 57. Market Position of Manufacturers in FC-BGA Substrates, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2021

Table 58. Global FC-BGA Substrates Production Capacity by Company, (K Units): 2020 VS 2021

Table 59. Head Office and FC-BGA Substrates Production Site of Key Manufacturer

Table 60. FC-BGA Substrates New Entrant and Capacity Expansion Plans

Table 61. FC-BGA Substrates Mergers & Acquisitions in the Past Five Years

Table 62. Global FC-BGA Substrates Sales by Region (2017-2022) & (K Units)

Table 63. Global FC-BGA Substrates Sales by Region (2023-2028) & (K Units)

Table 64. Global FC-BGA Substrates Revenue by Region (2017-2022) & (USD Million)

Table 65. Global FC-BGA Substrates Revenue by Region (2023-2028) & (USD Million)

Table 66. Global FC-BGA Substrates Sales by Type (2017-2022) & (K Units)

Table 67. Global FC-BGA Substrates Sales by Type (2023-2028) & (K Units)

Table 68. Global FC-BGA Substrates Revenue by Type (2017-2022) & (USD Million)

Table 69. Global FC-BGA Substrates Revenue by Type (2023-2028) & (USD Million)

Table 70. Global FC-BGA Substrates Price by Type (2017-2022) & (US/Unit)

Table 71. Global FC-BGA Substrates Price by Type (2023-2028) & (US/Unit)

Table 72. Global FC-BGA Substrates Sales by Application (2017-2022) & (K Units)

Table 73. Global FC-BGA Substrates Sales by Application (2023-2028) & (K Units)

Table 74. Global FC-BGA Substrates Revenue by Application (2017-2022) & (USD Million)

Table 75. Global FC-BGA Substrates Revenue by Application (2023-2028) & (USD Million)

Table 76. Global FC-BGA Substrates Price by Application (2017-2022) & (US/Unit)

Table 77. Global FC-BGA Substrates Price by Application (2023-2028) & (US/Unit)

Table 78. North America FC-BGA Substrates Sales by Country (2017-2022) & (K Units)

Table 79. North America FC-BGA Substrates Sales by Country (2023-2028) & (K Units)

Table 80. North America FC-BGA Substrates Revenue by Country (2017-2022) & (USD Million)

Table 81. North America FC-BGA Substrates Revenue by Country (2023-2028) & (USD Million)

Table 82. North America FC-BGA Substrates Sales by Type (2017-2022) & (K Units)

Table 83. North America FC-BGA Substrates Sales by Type (2023-2028) & (K Units)

Table 84. North America FC-BGA Substrates Sales by Application (2017-2022) & (K Units)

Table 85. North America FC-BGA Substrates Sales by Application (2023-2028) & (K

Units)

Table 86. Europe FC-BGA Substrates Sales by Country (2017-2022) & (K Units)

Table 87. Europe FC-BGA Substrates Sales by Country (2023-2028) & (K Units)

Table 88. Europe FC-BGA Substrates Revenue by Country (2017-2022) & (USD Million)

Table 89. Europe FC-BGA Substrates Revenue by Country (2023-2028) & (USD Million)

Table 90. Europe FC-BGA Substrates Sales by Type (2017-2022) & (K Units)

Table 91. Europe FC-BGA Substrates Sales by Type (2023-2028) & (K Units)

Table 92. Europe FC-BGA Substrates Sales by Application (2017-2022) & (K Units)

Table 93. Europe FC-BGA Substrates Sales by Application (2023-2028) & (K Units)

Table 94. Asia-Pacific FC-BGA Substrates Sales by Region (2017-2022) & (K Units)

Table 95. Asia-Pacific FC-BGA Substrates Sales by Region (2023-2028) & (K Units)

Table 96. Asia-Pacific FC-BGA Substrates Revenue by Region (2017-2022) & (USD Million)

Table 97. Asia-Pacific FC-BGA Substrates Revenue by Region (2023-2028) & (USD Million)

Table 98. Asia-Pacific FC-BGA Substrates Sales by Type (2017-2022) & (K Units)

Table 99. Asia-Pacific FC-BGA Substrates Sales by Type (2023-2028) & (K Units)

Table 100. Asia-Pacific FC-BGA Substrates Sales by Application (2017-2022) & (K Units)

Table 101. Asia-Pacific FC-BGA Substrates Sales by Application (2023-2028) & (K Units)

Table 102. South America FC-BGA Substrates Sales by Country (2017-2022) & (K Units)

Table 103. South America FC-BGA Substrates Sales by Country (2023-2028) & (K Units)

Table 104. South America FC-BGA Substrates Revenue by Country (2017-2022) & (USD Million)

Table 105. South America FC-BGA Substrates Revenue by Country (2023-2028) & (USD Million)

Table 106. South America FC-BGA Substrates Sales by Type (2017-2022) & (K Units)

Table 107. South America FC-BGA Substrates Sales by Type (2023-2028) & (K Units)

Table 108. South America FC-BGA Substrates Sales by Application (2017-2022) & (K Units)

Table 109. South America FC-BGA Substrates Sales by Application (2023-2028) & (K Units)

Table 110. Middle East & Africa FC-BGA Substrates Sales by Region (2017-2022) & (K Units)

Table 111. Middle East & Africa FC-BGA Substrates Sales by Region (2023-2028) & (K Units)

Table 112. Middle East & Africa FC-BGA Substrates Revenue by Region (2017-2022) & (USD Million)

Table 113. Middle East & Africa FC-BGA Substrates Revenue by Region (2023-2028) & (USD Million)

Table 114. Middle East & Africa FC-BGA Substrates Sales by Type (2017-2022) & (K Units)

Table 115. Middle East & Africa FC-BGA Substrates Sales by Type (2023-2028) & (K Units)

Table 116. Middle East & Africa FC-BGA Substrates Sales by Application (2017-2022) & (K Units)

Table 117. Middle East & Africa FC-BGA Substrates Sales by Application (2023-2028) & (K Units)

Table 118. FC-BGA Substrates Raw Material

Table 119. Key Manufacturers of FC-BGA Substrates Raw Materials

Table 120. Direct Channel Pros & Cons

Table 121. Indirect Channel Pros & Cons

Table 122. FC-BGA Substrates Typical Distributors

Table 123. FC-BGA Substrates Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. FC-BGA Substrates Picture
- Figure 2. Global FC-BGA Substrates Revenue Market Share by Type in 2021
- Figure 3. Core Thickness: 400-1200 ?m
- Figure 4. Core Thickness: 1200-1400 ?m
- Figure 5. Othes
- Figure 6. Global FC-BGA Substrates Revenue Market Share by Application in 2021
- Figure 7. Network Device (ASIC)
- Figure 8. Server/PC (CPU)
- Figure 9. AI Processor
- Figure 10. Automotive (Infotainment / ADAS)
- Figure 11. Home Game Console (SoC)
- Figure 12. Graphic Processing Unit (GPU)
- Figure 13. Global FC-BGA Substrates Revenue, (USD Million) & (K Units): 2017 & 2021 & 2028
- Figure 14. Global FC-BGA Substrates Revenue and Forecast (2017-2028) & (USD Million)
- Figure 15. Global FC-BGA Substrates Sales (2017-2028) & (K Units)
- Figure 16. Global FC-BGA Substrates Price (2017-2028) & (US/Unit)
- Figure 17. Global FC-BGA Substrates Production Capacity (2017-2028) & (K Units)
- Figure 18. Global FC-BGA Substrates Production Capacity by Geographic Region: 2022 VS 2028
- Figure 19. FC-BGA Substrates Market Drivers
- Figure 20. FC-BGA Substrates Market Restraints
- Figure 21. FC-BGA Substrates Market Trends
- Figure 22. Global FC-BGA Substrates Sales Market Share by Manufacturer in 2021
- Figure 23. Global FC-BGA Substrates Revenue Market Share by Manufacturer in 2021
- Figure 24. FC-BGA Substrates Market Share by Company Type (Tier 1, Tier 2, and Tier 3) in 2021
- Figure 25. Top 3 FC-BGA Substrates Manufacturer (Revenue) Market Share in 2021
- Figure 26. Top 6 FC-BGA Substrates Manufacturer (Revenue) Market Share in 2021
- Figure 27. Global FC-BGA Substrates Sales Market Share by Region (2017-2028)
- Figure 28. Global FC-BGA Substrates Revenue Market Share by Region (2017-2028)
- Figure 29. North America FC-BGA Substrates Revenue (2017-2028) & (USD Million)
- Figure 30. Europe FC-BGA Substrates Revenue (2017-2028) & (USD Million)
- Figure 31. Asia-Pacific FC-BGA Substrates Revenue (2017-2028) & (USD Million)

Figure 32. South America FC-BGA Substrates Revenue (2017-2028) & (USD Million)

Figure 33. Middle East & Africa FC-BGA Substrates Revenue (2017-2028) & (USD Million)

Figure 34. Global FC-BGA Substrates Sales Market Share by Type (2017-2028)

Figure 35. Global FC-BGA Substrates Revenue Market Share by Type (2017-2028)

Figure 36. Global FC-BGA Substrates Price by Type (2017-2028) & (US/Unit)

Figure 37. Global FC-BGA Substrates Sales Market Share by Application (2017-2028)

Figure 38. Global FC-BGA Substrates Revenue Market Share by Application (2017-2028)

Figure 39. Global FC-BGA Substrates Price by Application (2017-2028) & (US/Unit)

Figure 40. North America FC-BGA Substrates Sales Market Share by Type (2017-2028)

Figure 41. North America FC-BGA Substrates Sales Market Share by Application (2017-2028)

Figure 42. North America FC-BGA Substrates Sales Market Share by Country (2017-2028)

Figure 43. North America FC-BGA Substrates Revenue Market Share by Country (2017-2028)

Figure 44. United States FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 45. Canada FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 46. Mexico FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 47. Europe FC-BGA Substrates Sales Market Share by Type (2017-2028)

Figure 48. Europe FC-BGA Substrates Sales Market Share by Application (2017-2028)

Figure 49. Europe FC-BGA Substrates Sales Market Share by Country (2017-2028)

Figure 50. Europe FC-BGA Substrates Revenue Market Share by Country (2017-2028)

Figure 51. Germany FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 52. France FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 53. United Kingdom FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 54. Russia FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 55. Italy FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 56. Asia-Pacific FC-BGA Substrates Sales Market Share by Region (2017-2028)

Figure 57. Asia-Pacific FC-BGA Substrates Sales Market Share by Application

(2017-2028)

Figure 58. Asia-Pacific FC-BGA Substrates Sales Market Share by Region (2017-2028)

Figure 59. Asia-Pacific FC-BGA Substrates Revenue Market Share by Region
(2017-2028)

Figure 60. China FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD
Million)

Figure 61. Japan FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD
Million)

Figure 62. Korea FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD
Million)

Figure 63. India FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD
Million)

Figure 64. Southeast Asia FC-BGA Substrates Revenue and Growth Rate (2017-2028)
& (USD Million)

Figure 65. Australia FC-BGA Substrates Revenue and Growth Rate (2017-2028) &
(USD Million)

Figure 66. South America FC-BGA Substrates Sales Market Share by Type
(2017-2028)

Figure 67. South America FC-BGA Substrates Sales Market Share by Application
(2017-2028)

Figure 68. South America FC-BGA Substrates Sales Market Share by Country
(2017-2028)

Figure 69. South America FC-BGA Substrates Revenue Market Share by Country
(2017-2028)

Figure 70. Brazil FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD
Million)

Figure 71. Argentina FC-BGA Substrates Revenue and Growth Rate (2017-2028) &
(USD Million)

Figure 72. Middle East & Africa FC-BGA Substrates Sales Market Share by Type
(2017-2028)

Figure 73. Middle East & Africa FC-BGA Substrates Sales Market Share by Application
(2017-2028)

Figure 74. Middle East & Africa FC-BGA Substrates Sales Market Share by Region
(2017-2028)

Figure 75. Middle East & Africa FC-BGA Substrates Revenue Market Share by Region
(2017-2028)

Figure 76. Turkey FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD
Million)

Figure 77. Egypt FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD

Million)

Figure 78. Saudi Arabia FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 79. South Africa FC-BGA Substrates Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 80. Manufacturing Cost Structure Analysis of FC-BGA Substrates in 2021

Figure 81. Manufacturing Process Analysis of FC-BGA Substrates

Figure 82. FC-BGA Substrates Industrial Chain

Figure 83. Sales Channel: Direct Channel vs Indirect Channel

Figure 84. Methodology

Figure 85. Research Process and Data Source

I would like to order

Product name: Global FC-BGA Substrates Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

Product link: <https://marketpublishers.com/r/G182C95F7C76EN.html>

Price: US\$ 3,132.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G182C95F7C76EN.html>