

Global Low Power Low Cost FPGA Market Growth 2024-2030

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Abstracts

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Low-power and low-cost FPGAs are chips designed for battery-powered and cost-sensitive applications. They use optimized circuit design and low-power processes to reduce energy consumption and extend battery life. At the same time, cost-effective manufacturing processes are used to reduce hardware costs. These FPGAs are usually compactly packaged and suitable for embedded systems and consumer electronics.

The global Low Power Low Cost FPGA market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Low Power Low Cost FPGA Industry Forecast" looks at past sales and reviews total world Low Power Low Cost FPGA sales in 2023, providing a comprehensive analysis by region and market sector of projected Low Power Low Cost FPGA sales for 2024 through 2030. With Low Power Low Cost FPGA sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Low Power Low Cost FPGA industry.

This Insight Report provides a comprehensive analysis of the global Low Power Low Cost FPGA landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Low Power Low Cost FPGA portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position

in an accelerating global Low Power Low Cost FPGA market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Low Power Low Cost FPGA and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Low Power Low Cost FPGA.

United States market for Low Power Low Cost FPGA is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Low Power Low Cost FPGA is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Low Power Low Cost FPGA is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Low Power Low Cost FPGA players cover Microchip Technology, Lattice Semiconductor, AMD, Renesas Electronics, Intel, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Low Power Low Cost FPGA market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Based on SRAM

Based on Anti-Fuse Technology

Based on FLASH

Others

Segmentation by Application:

Electric Tools

Smart Home

Smart Drones

Smart Door Lock

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Microchip Technology

Lattice Semiconductor

AMD

Renesas Electronics

Intel

Efinix

Quicklogic

Achronix

GOWIN Semiconductor

Shanghai Anlogic

Shenzhen Yilinsi

Shenzhen Pango Micro

Hercules Micro

Key Questions Addressed in this Report

What is the 10-year outlook for the global Low Power Low Cost FPGA market?

What factors are driving Low Power Low Cost FPGA market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Low Power Low Cost FPGA market opportunities vary by end market size?

How does Low Power Low Cost FPGA break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Low Power Low Cost FPGA Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Low Power Low Cost FPGA by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Low Power Low Cost FPGA by Country/Region, 2019, 2023 & 2030
- 2.2 Low Power Low Cost FPGA Segment by Type
 - 2.2.1 Based on SRAM
 - 2.2.2 Based on Anti-Fuse Technology
 - 2.2.3 Based on FLASH
 - 2.2.4 Others
- 2.3 Low Power Low Cost FPGA Sales by Type
 - 2.3.1 Global Low Power Low Cost FPGA Sales Market Share by Type (2019-2024)
 - 2.3.2 Global Low Power Low Cost FPGA Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global Low Power Low Cost FPGA Sale Price by Type (2019-2024)
- 2.4 Low Power Low Cost FPGA Segment by Application
 - 2.4.1 Electric Tools
 - 2.4.2 Smart Home
 - 2.4.3 Smart Drones
 - 2.4.4 Smart Door Lock
 - 2.4.5 Others
- 2.5 Low Power Low Cost FPGA Sales by Application
 - 2.5.1 Global Low Power Low Cost FPGA Sale Market Share by Application

(2019-2024)

2.5.2 Global Low Power Low Cost FPGA Revenue and Market Share by Application

(2019-2024)

2.5.3 Global Low Power Low Cost FPGA Sale Price by Application (2019-2024)

3 GLOBAL BY COMPANY

3.1 Global Low Power Low Cost FPGA Breakdown Data by Company

3.1.1 Global Low Power Low Cost FPGA Annual Sales by Company (2019-2024)

3.1.2 Global Low Power Low Cost FPGA Sales Market Share by Company

(2019-2024)

3.2 Global Low Power Low Cost FPGA Annual Revenue by Company (2019-2024)

3.2.1 Global Low Power Low Cost FPGA Revenue by Company (2019-2024)

3.2.2 Global Low Power Low Cost FPGA Revenue Market Share by Company

(2019-2024)

3.3 Global Low Power Low Cost FPGA Sale Price by Company

3.4 Key Manufacturers Low Power Low Cost FPGA Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Low Power Low Cost FPGA Product Location Distribution

3.4.2 Players Low Power Low Cost FPGA Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR LOW POWER LOW COST FPGA BY GEOGRAPHIC REGION

4.1 World Historic Low Power Low Cost FPGA Market Size by Geographic Region (2019-2024)

4.1.1 Global Low Power Low Cost FPGA Annual Sales by Geographic Region

(2019-2024)

4.1.2 Global Low Power Low Cost FPGA Annual Revenue by Geographic Region

(2019-2024)

4.2 World Historic Low Power Low Cost FPGA Market Size by Country/Region (2019-2024)

4.2.1 Global Low Power Low Cost FPGA Annual Sales by Country/Region

(2019-2024)

4.2.2 Global Low Power Low Cost FPGA Annual Revenue by Country/Region
(2019-2024)

4.3 Americas Low Power Low Cost FPGA Sales Growth

4.4 APAC Low Power Low Cost FPGA Sales Growth

4.5 Europe Low Power Low Cost FPGA Sales Growth

4.6 Middle East & Africa Low Power Low Cost FPGA Sales Growth

5 AMERICAS

5.1 Americas Low Power Low Cost FPGA Sales by Country

5.1.1 Americas Low Power Low Cost FPGA Sales by Country (2019-2024)

5.1.2 Americas Low Power Low Cost FPGA Revenue by Country (2019-2024)

5.2 Americas Low Power Low Cost FPGA Sales by Type (2019-2024)

5.3 Americas Low Power Low Cost FPGA Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Low Power Low Cost FPGA Sales by Region

6.1.1 APAC Low Power Low Cost FPGA Sales by Region (2019-2024)

6.1.2 APAC Low Power Low Cost FPGA Revenue by Region (2019-2024)

6.2 APAC Low Power Low Cost FPGA Sales by Type (2019-2024)

6.3 APAC Low Power Low Cost FPGA Sales by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Low Power Low Cost FPGA by Country

7.1.1 Europe Low Power Low Cost FPGA Sales by Country (2019-2024)

7.1.2 Europe Low Power Low Cost FPGA Revenue by Country (2019-2024)

- 7.2 Europe Low Power Low Cost FPGA Sales by Type (2019-2024)
- 7.3 Europe Low Power Low Cost FPGA Sales by Application (2019-2024)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Low Power Low Cost FPGA by Country
 - 8.1.1 Middle East & Africa Low Power Low Cost FPGA Sales by Country (2019-2024)
 - 8.1.2 Middle East & Africa Low Power Low Cost FPGA Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Low Power Low Cost FPGA Sales by Type (2019-2024)
- 8.3 Middle East & Africa Low Power Low Cost FPGA Sales by Application (2019-2024)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Low Power Low Cost FPGA
- 10.3 Manufacturing Process Analysis of Low Power Low Cost FPGA
- 10.4 Industry Chain Structure of Low Power Low Cost FPGA

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels

- 11.1.2 Indirect Channels
- 11.2 Low Power Low Cost FPGA Distributors
- 11.3 Low Power Low Cost FPGA Customer

12 WORLD FORECAST REVIEW FOR LOW POWER LOW COST FPGA BY GEOGRAPHIC REGION

- 12.1 Global Low Power Low Cost FPGA Market Size Forecast by Region
 - 12.1.1 Global Low Power Low Cost FPGA Forecast by Region (2025-2030)
 - 12.1.2 Global Low Power Low Cost FPGA Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country (2025-2030)
- 12.3 APAC Forecast by Region (2025-2030)
- 12.4 Europe Forecast by Country (2025-2030)
- 12.5 Middle East & Africa Forecast by Country (2025-2030)
- 12.6 Global Low Power Low Cost FPGA Forecast by Type (2025-2030)
- 12.7 Global Low Power Low Cost FPGA Forecast by Application (2025-2030)

13 KEY PLAYERS ANALYSIS

- 13.1 Microchip Technology
 - 13.1.1 Microchip Technology Company Information
 - 13.1.2 Microchip Technology Low Power Low Cost FPGA Product Portfolios and Specifications
 - 13.1.3 Microchip Technology Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.1.4 Microchip Technology Main Business Overview
 - 13.1.5 Microchip Technology Latest Developments
- 13.2 Lattice Semiconductor
 - 13.2.1 Lattice Semiconductor Company Information
 - 13.2.2 Lattice Semiconductor Low Power Low Cost FPGA Product Portfolios and Specifications
 - 13.2.3 Lattice Semiconductor Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.2.4 Lattice Semiconductor Main Business Overview
 - 13.2.5 Lattice Semiconductor Latest Developments
- 13.3 AMD
 - 13.3.1 AMD Company Information
 - 13.3.2 AMD Low Power Low Cost FPGA Product Portfolios and Specifications

13.3.3 AMD Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 AMD Main Business Overview

13.3.5 AMD Latest Developments

13.4 Renesas Electronics

13.4.1 Renesas Electronics Company Information

13.4.2 Renesas Electronics Low Power Low Cost FPGA Product Portfolios and Specifications

13.4.3 Renesas Electronics Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Renesas Electronics Main Business Overview

13.4.5 Renesas Electronics Latest Developments

13.5 Intel

13.5.1 Intel Company Information

13.5.2 Intel Low Power Low Cost FPGA Product Portfolios and Specifications

13.5.3 Intel Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 Intel Main Business Overview

13.5.5 Intel Latest Developments

13.6 Efinix

13.6.1 Efinix Company Information

13.6.2 Efinix Low Power Low Cost FPGA Product Portfolios and Specifications

13.6.3 Efinix Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Efinix Main Business Overview

13.6.5 Efinix Latest Developments

13.7 Quicklogic

13.7.1 Quicklogic Company Information

13.7.2 Quicklogic Low Power Low Cost FPGA Product Portfolios and Specifications

13.7.3 Quicklogic Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Quicklogic Main Business Overview

13.7.5 Quicklogic Latest Developments

13.8 Achronix

13.8.1 Achronix Company Information

13.8.2 Achronix Low Power Low Cost FPGA Product Portfolios and Specifications

13.8.3 Achronix Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Achronix Main Business Overview

- 13.8.5 Achronix Latest Developments
- 13.9 GOWIN Semiconductor
 - 13.9.1 GOWIN Semiconductor Company Information
 - 13.9.2 GOWIN Semiconductor Low Power Low Cost FPGA Product Portfolios and Specifications
 - 13.9.3 GOWIN Semiconductor Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.9.4 GOWIN Semiconductor Main Business Overview
 - 13.9.5 GOWIN Semiconductor Latest Developments
- 13.10 Shanghai Anlogic
 - 13.10.1 Shanghai Anlogic Company Information
 - 13.10.2 Shanghai Anlogic Low Power Low Cost FPGA Product Portfolios and Specifications
 - 13.10.3 Shanghai Anlogic Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.10.4 Shanghai Anlogic Main Business Overview
 - 13.10.5 Shanghai Anlogic Latest Developments
- 13.11 Shenzhen Yilinsi
 - 13.11.1 Shenzhen Yilinsi Company Information
 - 13.11.2 Shenzhen Yilinsi Low Power Low Cost FPGA Product Portfolios and Specifications
 - 13.11.3 Shenzhen Yilinsi Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.11.4 Shenzhen Yilinsi Main Business Overview
 - 13.11.5 Shenzhen Yilinsi Latest Developments
- 13.12 Shenzhen Pango Micro
 - 13.12.1 Shenzhen Pango Micro Company Information
 - 13.12.2 Shenzhen Pango Micro Low Power Low Cost FPGA Product Portfolios and Specifications
 - 13.12.3 Shenzhen Pango Micro Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.12.4 Shenzhen Pango Micro Main Business Overview
 - 13.12.5 Shenzhen Pango Micro Latest Developments
- 13.13 Hercules Micro
 - 13.13.1 Hercules Micro Company Information
 - 13.13.2 Hercules Micro Low Power Low Cost FPGA Product Portfolios and Specifications
 - 13.13.3 Hercules Micro Low Power Low Cost FPGA Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Hercules Micro Main Business Overview

13.13.5 Hercules Micro Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Low Power Low Cost FPGA Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Low Power Low Cost FPGA Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Based on SRAM

Table 4. Major Players of Based on Anti-Fuse Technology

Table 5. Major Players of Based on FLASH

Table 6. Major Players of Others

Table 7. Global Low Power Low Cost FPGA Sales by Type (2019-2024) & (Million Units)

Table 8. Global Low Power Low Cost FPGA Sales Market Share by Type (2019-2024)

Table 9. Global Low Power Low Cost FPGA Revenue by Type (2019-2024) & (\$ million)

Table 10. Global Low Power Low Cost FPGA Revenue Market Share by Type (2019-2024)

Table 11. Global Low Power Low Cost FPGA Sale Price by Type (2019-2024) & (US\$/Unit)

Table 12. Global Low Power Low Cost FPGA Sale by Application (2019-2024) & (Million Units)

Table 13. Global Low Power Low Cost FPGA Sale Market Share by Application (2019-2024)

Table 14. Global Low Power Low Cost FPGA Revenue by Application (2019-2024) & (\$ million)

Table 15. Global Low Power Low Cost FPGA Revenue Market Share by Application (2019-2024)

Table 16. Global Low Power Low Cost FPGA Sale Price by Application (2019-2024) & (US\$/Unit)

Table 17. Global Low Power Low Cost FPGA Sales by Company (2019-2024) & (Million Units)

Table 18. Global Low Power Low Cost FPGA Sales Market Share by Company (2019-2024)

Table 19. Global Low Power Low Cost FPGA Revenue by Company (2019-2024) & (\$ millions)

Table 20. Global Low Power Low Cost FPGA Revenue Market Share by Company (2019-2024)

Table 21. Global Low Power Low Cost FPGA Sale Price by Company (2019-2024) &

(US\$/Unit)

Table 22. Key Manufacturers Low Power Low Cost FPGA Producing Area Distribution and Sales Area

Table 23. Players Low Power Low Cost FPGA Products Offered

Table 24. Low Power Low Cost FPGA Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 25. New Products and Potential Entrants

Table 26. Market M&A Activity & Strategy

Table 27. Global Low Power Low Cost FPGA Sales by Geographic Region (2019-2024) & (Million Units)

Table 28. Global Low Power Low Cost FPGA Sales Market Share Geographic Region (2019-2024)

Table 29. Global Low Power Low Cost FPGA Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 30. Global Low Power Low Cost FPGA Revenue Market Share by Geographic Region (2019-2024)

Table 31. Global Low Power Low Cost FPGA Sales by Country/Region (2019-2024) & (Million Units)

Table 32. Global Low Power Low Cost FPGA Sales Market Share by Country/Region (2019-2024)

Table 33. Global Low Power Low Cost FPGA Revenue by Country/Region (2019-2024) & (\$ millions)

Table 34. Global Low Power Low Cost FPGA Revenue Market Share by Country/Region (2019-2024)

Table 35. Americas Low Power Low Cost FPGA Sales by Country (2019-2024) & (Million Units)

Table 36. Americas Low Power Low Cost FPGA Sales Market Share by Country (2019-2024)

Table 37. Americas Low Power Low Cost FPGA Revenue by Country (2019-2024) & (\$ millions)

Table 38. Americas Low Power Low Cost FPGA Sales by Type (2019-2024) & (Million Units)

Table 39. Americas Low Power Low Cost FPGA Sales by Application (2019-2024) & (Million Units)

Table 40. APAC Low Power Low Cost FPGA Sales by Region (2019-2024) & (Million Units)

Table 41. APAC Low Power Low Cost FPGA Sales Market Share by Region (2019-2024)

Table 42. APAC Low Power Low Cost FPGA Revenue by Region (2019-2024) & (\$

millions)

Table 43. APAC Low Power Low Cost FPGA Sales by Type (2019-2024) & (Million Units)

Table 44. APAC Low Power Low Cost FPGA Sales by Application (2019-2024) & (Million Units)

Table 45. Europe Low Power Low Cost FPGA Sales by Country (2019-2024) & (Million Units)

Table 46. Europe Low Power Low Cost FPGA Revenue by Country (2019-2024) & (\$ millions)

Table 47. Europe Low Power Low Cost FPGA Sales by Type (2019-2024) & (Million Units)

Table 48. Europe Low Power Low Cost FPGA Sales by Application (2019-2024) & (Million Units)

Table 49. Middle East & Africa Low Power Low Cost FPGA Sales by Country (2019-2024) & (Million Units)

Table 50. Middle East & Africa Low Power Low Cost FPGA Revenue Market Share by Country (2019-2024)

Table 51. Middle East & Africa Low Power Low Cost FPGA Sales by Type (2019-2024) & (Million Units)

Table 52. Middle East & Africa Low Power Low Cost FPGA Sales by Application (2019-2024) & (Million Units)

Table 53. Key Market Drivers & Growth Opportunities of Low Power Low Cost FPGA

Table 54. Key Market Challenges & Risks of Low Power Low Cost FPGA

Table 55. Key Industry Trends of Low Power Low Cost FPGA

Table 56. Low Power Low Cost FPGA Raw Material

Table 57. Key Suppliers of Raw Materials

Table 58. Low Power Low Cost FPGA Distributors List

Table 59. Low Power Low Cost FPGA Customer List

Table 60. Global Low Power Low Cost FPGA Sales Forecast by Region (2025-2030) & (Million Units)

Table 61. Global Low Power Low Cost FPGA Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 62. Americas Low Power Low Cost FPGA Sales Forecast by Country (2025-2030) & (Million Units)

Table 63. Americas Low Power Low Cost FPGA Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 64. APAC Low Power Low Cost FPGA Sales Forecast by Region (2025-2030) & (Million Units)

Table 65. APAC Low Power Low Cost FPGA Annual Revenue Forecast by Region

(2025-2030) & (\$ millions)

Table 66. Europe Low Power Low Cost FPGA Sales Forecast by Country (2025-2030) & (Million Units)

Table 67. Europe Low Power Low Cost FPGA Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Middle East & Africa Low Power Low Cost FPGA Sales Forecast by Country (2025-2030) & (Million Units)

Table 69. Middle East & Africa Low Power Low Cost FPGA Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 70. Global Low Power Low Cost FPGA Sales Forecast by Type (2025-2030) & (Million Units)

Table 71. Global Low Power Low Cost FPGA Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 72. Global Low Power Low Cost FPGA Sales Forecast by Application (2025-2030) & (Million Units)

Table 73. Global Low Power Low Cost FPGA Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 74. Microchip Technology Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 75. Microchip Technology Low Power Low Cost FPGA Product Portfolios and Specifications

Table 76. Microchip Technology Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 77. Microchip Technology Main Business

Table 78. Microchip Technology Latest Developments

Table 79. Lattice Semiconductor Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 80. Lattice Semiconductor Low Power Low Cost FPGA Product Portfolios and Specifications

Table 81. Lattice Semiconductor Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 82. Lattice Semiconductor Main Business

Table 83. Lattice Semiconductor Latest Developments

Table 84. AMD Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 85. AMD Low Power Low Cost FPGA Product Portfolios and Specifications

Table 86. AMD Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 87. AMD Main Business

Table 88. AMD Latest Developments

Table 89. Renesas Electronics Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 90. Renesas Electronics Low Power Low Cost FPGA Product Portfolios and Specifications

Table 91. Renesas Electronics Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 92. Renesas Electronics Main Business

Table 93. Renesas Electronics Latest Developments

Table 94. Intel Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 95. Intel Low Power Low Cost FPGA Product Portfolios and Specifications

Table 96. Intel Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 97. Intel Main Business

Table 98. Intel Latest Developments

Table 99. Efinix Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 100. Efinix Low Power Low Cost FPGA Product Portfolios and Specifications

Table 101. Efinix Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 102. Efinix Main Business

Table 103. Efinix Latest Developments

Table 104. Quicklogic Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 105. Quicklogic Low Power Low Cost FPGA Product Portfolios and Specifications

Table 106. Quicklogic Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 107. Quicklogic Main Business

Table 108. Quicklogic Latest Developments

Table 109. Achronix Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 110. Achronix Low Power Low Cost FPGA Product Portfolios and Specifications

Table 111. Achronix Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 112. Achronix Main Business

Table 113. Achronix Latest Developments

Table 114. GOWIN Semiconductor Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 115. GOWIN Semiconductor Low Power Low Cost FPGA Product Portfolios and Specifications

Table 116. GOWIN Semiconductor Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 117. GOWIN Semiconductor Main Business

Table 118. GOWIN Semiconductor Latest Developments

Table 119. Shanghai Anlogic Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 120. Shanghai Anlogic Low Power Low Cost FPGA Product Portfolios and Specifications

Table 121. Shanghai Anlogic Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 122. Shanghai Anlogic Main Business

Table 123. Shanghai Anlogic Latest Developments

Table 124. Shenzhen Yilinsi Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 125. Shenzhen Yilinsi Low Power Low Cost FPGA Product Portfolios and Specifications

Table 126. Shenzhen Yilinsi Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 127. Shenzhen Yilinsi Main Business

Table 128. Shenzhen Yilinsi Latest Developments

Table 129. Shenzhen Pango Micro Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 130. Shenzhen Pango Micro Low Power Low Cost FPGA Product Portfolios and Specifications

Table 131. Shenzhen Pango Micro Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 132. Shenzhen Pango Micro Main Business

Table 133. Shenzhen Pango Micro Latest Developments

Table 134. Hercules Micro Basic Information, Low Power Low Cost FPGA Manufacturing Base, Sales Area and Its Competitors

Table 135. Hercules Micro Low Power Low Cost FPGA Product Portfolios and Specifications

Table 136. Hercules Micro Low Power Low Cost FPGA Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 137. Hercules Micro Main Business

Table 138. Hercules Micro Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Low Power Low Cost FPGA

Figure 2. Low Power Low Cost FPGA Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Low Power Low Cost FPGA Sales Growth Rate 2019-2030 (Million Units)

Figure 7. Global Low Power Low Cost FPGA Revenue Growth Rate 2019-2030 (\$ millions)

Figure 8. Low Power Low Cost FPGA Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Figure 9. Low Power Low Cost FPGA Sales Market Share by Country/Region (2023)

Figure 10. Low Power Low Cost FPGA Sales Market Share by Country/Region (2019, 2023 & 2030)

Figure 11. Product Picture of Based on SRAM

Figure 12. Product Picture of Based on Anti-Fuse Technology

Figure 13. Product Picture of Based on FLASH

Figure 14. Product Picture of Others

Figure 15. Global Low Power Low Cost FPGA Sales Market Share by Type in 2023

Figure 16. Global Low Power Low Cost FPGA Revenue Market Share by Type (2019-2024)

Figure 17. Low Power Low Cost FPGA Consumed in Electric Tools

Figure 18. Global Low Power Low Cost FPGA Market: Electric Tools (2019-2024) & (Million Units)

Figure 19. Low Power Low Cost FPGA Consumed in Smart Home

Figure 20. Global Low Power Low Cost FPGA Market: Smart Home (2019-2024) & (Million Units)

Figure 21. Low Power Low Cost FPGA Consumed in Smart Drones

Figure 22. Global Low Power Low Cost FPGA Market: Smart Drones (2019-2024) & (Million Units)

Figure 23. Low Power Low Cost FPGA Consumed in Smart Door Lock

Figure 24. Global Low Power Low Cost FPGA Market: Smart Door Lock (2019-2024) & (Million Units)

Figure 25. Low Power Low Cost FPGA Consumed in Others

Figure 26. Global Low Power Low Cost FPGA Market: Others (2019-2024) & (Million

Units)

Figure 27. Global Low Power Low Cost FPGA Sale Market Share by Application (2023)

Figure 28. Global Low Power Low Cost FPGA Revenue Market Share by Application in 2023

Figure 29. Low Power Low Cost FPGA Sales by Company in 2023 (Million Units)

Figure 30. Global Low Power Low Cost FPGA Sales Market Share by Company in 2023

Figure 31. Low Power Low Cost FPGA Revenue by Company in 2023 (\$ millions)

Figure 32. Global Low Power Low Cost FPGA Revenue Market Share by Company in 2023

Figure 33. Global Low Power Low Cost FPGA Sales Market Share by Geographic Region (2019-2024)

Figure 34. Global Low Power Low Cost FPGA Revenue Market Share by Geographic Region in 2023

Figure 35. Americas Low Power Low Cost FPGA Sales 2019-2024 (Million Units)

Figure 36. Americas Low Power Low Cost FPGA Revenue 2019-2024 (\$ millions)

Figure 37. APAC Low Power Low Cost FPGA Sales 2019-2024 (Million Units)

Figure 38. APAC Low Power Low Cost FPGA Revenue 2019-2024 (\$ millions)

Figure 39. Europe Low Power Low Cost FPGA Sales 2019-2024 (Million Units)

Figure 40. Europe Low Power Low Cost FPGA Revenue 2019-2024 (\$ millions)

Figure 41. Middle East & Africa Low Power Low Cost FPGA Sales 2019-2024 (Million Units)

Figure 42. Middle East & Africa Low Power Low Cost FPGA Revenue 2019-2024 (\$ millions)

Figure 43. Americas Low Power Low Cost FPGA Sales Market Share by Country in 2023

Figure 44. Americas Low Power Low Cost FPGA Revenue Market Share by Country (2019-2024)

Figure 45. Americas Low Power Low Cost FPGA Sales Market Share by Type (2019-2024)

Figure 46. Americas Low Power Low Cost FPGA Sales Market Share by Application (2019-2024)

Figure 47. United States Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 48. Canada Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 49. Mexico Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 50. Brazil Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 51. APAC Low Power Low Cost FPGA Sales Market Share by Region in 2023

Figure 52. APAC Low Power Low Cost FPGA Revenue Market Share by Region (2019-2024)

Figure 53. APAC Low Power Low Cost FPGA Sales Market Share by Type (2019-2024)

Figure 54. APAC Low Power Low Cost FPGA Sales Market Share by Application (2019-2024)

Figure 55. China Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 56. Japan Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 57. South Korea Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 58. Southeast Asia Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 59. India Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 60. Australia Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 61. China Taiwan Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 62. Europe Low Power Low Cost FPGA Sales Market Share by Country in 2023

Figure 63. Europe Low Power Low Cost FPGA Revenue Market Share by Country (2019-2024)

Figure 64. Europe Low Power Low Cost FPGA Sales Market Share by Type (2019-2024)

Figure 65. Europe Low Power Low Cost FPGA Sales Market Share by Application (2019-2024)

Figure 66. Germany Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 67. France Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 68. UK Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 69. Italy Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 70. Russia Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 71. Middle East & Africa Low Power Low Cost FPGA Sales Market Share by Country (2019-2024)

Figure 72. Middle East & Africa Low Power Low Cost FPGA Sales Market Share by Type (2019-2024)

Figure 73. Middle East & Africa Low Power Low Cost FPGA Sales Market Share by Application (2019-2024)

Figure 74. Egypt Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 75. South Africa Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 76. Israel Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 77. Turkey Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$ millions)

Figure 78. GCC Countries Low Power Low Cost FPGA Revenue Growth 2019-2024 (\$

millions)

Figure 79. Manufacturing Cost Structure Analysis of Low Power Low Cost FPGA in 2023

Figure 80. Manufacturing Process Analysis of Low Power Low Cost FPGA

Figure 81. Industry Chain Structure of Low Power Low Cost FPGA

Figure 82. Channels of Distribution

Figure 83. Global Low Power Low Cost FPGA Sales Market Forecast by Region (2025-2030)

Figure 84. Global Low Power Low Cost FPGA Revenue Market Share Forecast by Region (2025-2030)

Figure 85. Global Low Power Low Cost FPGA Sales Market Share Forecast by Type (2025-2030)

Figure 86. Global Low Power Low Cost FPGA Revenue Market Share Forecast by Type (2025-2030)

Figure 87. Global Low Power Low Cost FPGA Sales Market Share Forecast by Application (2025-2030)

Figure 88. Global Low Power Low Cost FPGA Revenue Market Share Forecast by Application (2025-2030)

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