

Global Single Board Microcontroller Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/G67A2C51044BEN.html

Date: August 2023 Pages: 121 Price: US\$ 4,480.00 (Single User License) ID: G67A2C51044BEN

Abstracts

The global Single Board Microcontroller market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global Single Board Microcontroller production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Single Board Microcontroller, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Single Board Microcontroller that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Single Board Microcontroller total production and demand, 2018-2029, (K Units)

Global Single Board Microcontroller total production value, 2018-2029, (USD Million)

Global Single Board Microcontroller production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Single Board Microcontroller consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Single Board Microcontroller domestic production, consumption, key domestic manufacturers and share



Global Single Board Microcontroller production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Single Board Microcontroller production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Single Board Microcontroller production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Single Board Microcontroller 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 Microchip Technology Incorporated, STMicroelectronics, Espressif Systems, NXP Semiconductors, Texas Instruments, Atmel, Renesas Electronics, Silicon Labs and Nordic Semiconductor, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Single Board Microcontroller market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Single Board Microcontroller Market, By Region:

United States China

Europe



Japan

South Korea

ASEAN

India

Rest of World

Global Single Board Microcontroller Market, Segmentation by Type

4-Bit Single-Board Microcontroller

8-Bit Single-Board Microcontroller

16-Bit Single-Board Microcontroller

32-Bit Single-Board Microcontroller

Global Single Board Microcontroller Market, Segmentation by Application

Automotive Electronics

Smart Home

IoT Projects

Video Game

Other

Companies Profiled:

Microchip Technology Incorporated



STMicroelectronics

Espressif Systems

NXP Semiconductors

Texas Instruments

Atmel

Renesas Electronics

Silicon Labs

Nordic Semiconductor

Toshiba

Infineon Technologies

Cypress Semiconductor

Analog Devices

Samsung Electronics

GigaDevice

Key Questions Answered

1. How big is the global Single Board Microcontroller market?

2. What is the demand of the global Single Board Microcontroller market?

3. What is the year over year growth of the global Single Board Microcontroller market?

4. What is the production and production value of the global Single Board Microcontroller market?



- 5. Who are the key producers in the global Single Board Microcontroller market?
- 6. What are the growth factors driving the market demand?



Contents

1 SUPPLY SUMMARY

- 1.1 Single Board Microcontroller Introduction
- 1.2 World Single Board Microcontroller Supply & Forecast
- 1.2.1 World Single Board Microcontroller Production Value (2018 & 2022 & 2029)
- 1.2.2 World Single Board Microcontroller Production (2018-2029)
- 1.2.3 World Single Board Microcontroller Pricing Trends (2018-2029)

1.3 World Single Board Microcontroller Production by Region (Based on Production Site)

- 1.3.1 World Single Board Microcontroller Production Value by Region (2018-2029)
- 1.3.2 World Single Board Microcontroller Production by Region (2018-2029)
- 1.3.3 World Single Board Microcontroller Average Price by Region (2018-2029)
- 1.3.4 North America Single Board Microcontroller Production (2018-2029)
- 1.3.5 Europe Single Board Microcontroller Production (2018-2029)
- 1.3.6 China Single Board Microcontroller Production (2018-2029)
- 1.3.7 Japan Single Board Microcontroller Production (2018-2029)
- 1.3.8 South Korea Single Board Microcontroller Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
- 1.4.1 Single Board Microcontroller Market Drivers
- 1.4.2 Factors Affecting Demand
- 1.4.3 Single Board Microcontroller Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Single Board Microcontroller Demand (2018-2029)
- 2.2 World Single Board Microcontroller Consumption by Region
- 2.2.1 World Single Board Microcontroller Consumption by Region (2018-2023)

2.2.2 World Single Board Microcontroller Consumption Forecast by Region (2024-2029)

- 2.3 United States Single Board Microcontroller Consumption (2018-2029)
- 2.4 China Single Board Microcontroller Consumption (2018-2029)
- 2.5 Europe Single Board Microcontroller Consumption (2018-2029)
- 2.6 Japan Single Board Microcontroller Consumption (2018-2029)
- 2.7 South Korea Single Board Microcontroller Consumption (2018-2029)



2.8 ASEAN Single Board Microcontroller Consumption (2018-2029)2.9 India Single Board Microcontroller Consumption (2018-2029)

3 WORLD SINGLE BOARD MICROCONTROLLER MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Single Board Microcontroller Production Value by Manufacturer (2018-2023)
- 3.2 World Single Board Microcontroller Production by Manufacturer (2018-2023)
- 3.3 World Single Board Microcontroller Average Price by Manufacturer (2018-2023)
- 3.4 Single Board Microcontroller Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
- 3.5.1 Global Single Board Microcontroller Industry Rank of Major Manufacturers
- 3.5.2 Global Concentration Ratios (CR4) for Single Board Microcontroller in 2022
- 3.5.3 Global Concentration Ratios (CR8) for Single Board Microcontroller in 2022
- 3.6 Single Board Microcontroller Market: Overall Company Footprint Analysis
- 3.6.1 Single Board Microcontroller Market: Region Footprint
- 3.6.2 Single Board Microcontroller Market: Company Product Type Footprint
- 3.6.3 Single Board Microcontroller Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
- 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Single Board Microcontroller Production Value Comparison

4.1.1 United States VS China: Single Board Microcontroller Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Single Board Microcontroller Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Single Board Microcontroller Production Comparison

4.2.1 United States VS China: Single Board Microcontroller Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Single Board Microcontroller Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Single Board Microcontroller Consumption Comparison4.3.1 United States VS China: Single Board Microcontroller Consumption Comparison



(2018 & 2022 & 2029)

4.3.2 United States VS China: Single Board Microcontroller Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Single Board Microcontroller Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Single Board Microcontroller Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Single Board Microcontroller Production Value (2018-2023)

4.4.3 United States Based Manufacturers Single Board Microcontroller Production (2018-2023)

4.5 China Based Single Board Microcontroller Manufacturers and Market Share

4.5.1 China Based Single Board Microcontroller Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Single Board Microcontroller Production Value (2018-2023)

4.5.3 China Based Manufacturers Single Board Microcontroller Production (2018-2023)

4.6 Rest of World Based Single Board Microcontroller Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Single Board Microcontroller Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Single Board Microcontroller Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Single Board Microcontroller Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Single Board Microcontroller Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

- 5.2.1 4-Bit Single-Board Microcontroller
- 5.2.2 8-Bit Single-Board Microcontroller
- 5.2.3 16-Bit Single-Board Microcontroller
- 5.2.4 32-Bit Single-Board Microcontroller

5.3 Market Segment by Type

5.3.1 World Single Board Microcontroller Production by Type (2018-2029)

5.3.2 World Single Board Microcontroller Production Value by Type (2018-2029)



5.3.3 World Single Board Microcontroller Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Single Board Microcontroller Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

- 6.2.1 Automotive Electronics
- 6.2.2 Smart Home
- 6.2.3 IoT Projects
- 6.2.4 Video Game
- 6.2.5 Other
- 6.3 Market Segment by Application
 - 6.3.1 World Single Board Microcontroller Production by Application (2018-2029)
 - 6.3.2 World Single Board Microcontroller Production Value by Application (2018-2029)
 - 6.3.3 World Single Board Microcontroller Average Price by Application (2018-2029)

7 COMPANY PROFILES

- 7.1 Microchip Technology Incorporated
 - 7.1.1 Microchip Technology Incorporated Details
 - 7.1.2 Microchip Technology Incorporated Major Business
- 7.1.3 Microchip Technology Incorporated Single Board Microcontroller Product and Services
- 7.1.4 Microchip Technology Incorporated Single Board Microcontroller Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Microchip Technology Incorporated Recent Developments/Updates
- 7.1.6 Microchip Technology Incorporated Competitive Strengths & Weaknesses 7.2 STMicroelectronics
 - 7.2.1 STMicroelectronics Details
 - 7.2.2 STMicroelectronics Major Business
 - 7.2.3 STMicroelectronics Single Board Microcontroller Product and Services

7.2.4 STMicroelectronics Single Board Microcontroller Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.2.5 STMicroelectronics Recent Developments/Updates
- 7.2.6 STMicroelectronics Competitive Strengths & Weaknesses

7.3 Espressif Systems

- 7.3.1 Espressif Systems Details
- 7.3.2 Espressif Systems Major Business



7.3.3 Espressif Systems Single Board Microcontroller Product and Services

7.3.4 Espressif Systems Single Board Microcontroller Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Espressif Systems Recent Developments/Updates

7.3.6 Espressif Systems Competitive Strengths & Weaknesses

7.4 NXP Semiconductors

7.4.1 NXP Semiconductors Details

7.4.2 NXP Semiconductors Major Business

7.4.3 NXP Semiconductors Single Board Microcontroller Product and Services

7.4.4 NXP Semiconductors Single Board Microcontroller Production, Price, Value,

Gross Margin and Market Share (2018-2023)

7.4.5 NXP Semiconductors Recent Developments/Updates

7.4.6 NXP Semiconductors Competitive Strengths & Weaknesses

7.5 Texas Instruments

7.5.1 Texas Instruments Details

7.5.2 Texas Instruments Major Business

7.5.3 Texas Instruments Single Board Microcontroller Product and Services

7.5.4 Texas Instruments Single Board Microcontroller Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Texas Instruments Recent Developments/Updates

7.5.6 Texas Instruments Competitive Strengths & Weaknesses

7.6 Atmel

7.6.1 Atmel Details

7.6.2 Atmel Major Business

7.6.3 Atmel Single Board Microcontroller Product and Services

7.6.4 Atmel Single Board Microcontroller Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Atmel Recent Developments/Updates

7.6.6 Atmel Competitive Strengths & Weaknesses

7.7 Renesas Electronics

7.7.1 Renesas Electronics Details

7.7.2 Renesas Electronics Major Business

7.7.3 Renesas Electronics Single Board Microcontroller Product and Services

7.7.4 Renesas Electronics Single Board Microcontroller Production, Price, Value,

Gross Margin and Market Share (2018-2023)

7.7.5 Renesas Electronics Recent Developments/Updates

7.7.6 Renesas Electronics Competitive Strengths & Weaknesses

7.8 Silicon Labs

7.8.1 Silicon Labs Details



7.8.2 Silicon Labs Major Business

7.8.3 Silicon Labs Single Board Microcontroller Product and Services

7.8.4 Silicon Labs Single Board Microcontroller Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Silicon Labs Recent Developments/Updates

7.8.6 Silicon Labs Competitive Strengths & Weaknesses

7.9 Nordic Semiconductor

7.9.1 Nordic Semiconductor Details

7.9.2 Nordic Semiconductor Major Business

7.9.3 Nordic Semiconductor Single Board Microcontroller Product and Services

7.9.4 Nordic Semiconductor Single Board Microcontroller Production, Price, Value,

Gross Margin and Market Share (2018-2023)

7.9.5 Nordic Semiconductor Recent Developments/Updates

7.9.6 Nordic Semiconductor Competitive Strengths & Weaknesses

7.10 Toshiba

7.10.1 Toshiba Details

7.10.2 Toshiba Major Business

7.10.3 Toshiba Single Board Microcontroller Product and Services

7.10.4 Toshiba Single Board Microcontroller Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Toshiba Recent Developments/Updates

7.10.6 Toshiba Competitive Strengths & Weaknesses

7.11 Infineon Technologies

7.11.1 Infineon Technologies Details

7.11.2 Infineon Technologies Major Business

7.11.3 Infineon Technologies Single Board Microcontroller Product and Services

7.11.4 Infineon Technologies Single Board Microcontroller Production, Price, Value,

Gross Margin and Market Share (2018-2023)

7.11.5 Infineon Technologies Recent Developments/Updates

7.11.6 Infineon Technologies Competitive Strengths & Weaknesses

7.12 Cypress Semiconductor

7.12.1 Cypress Semiconductor Details

7.12.2 Cypress Semiconductor Major Business

7.12.3 Cypress Semiconductor Single Board Microcontroller Product and Services

7.12.4 Cypress Semiconductor Single Board Microcontroller Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Cypress Semiconductor Recent Developments/Updates

7.12.6 Cypress Semiconductor Competitive Strengths & Weaknesses

7.13 Analog Devices



7.13.1 Analog Devices Details

- 7.13.2 Analog Devices Major Business
- 7.13.3 Analog Devices Single Board Microcontroller Product and Services

7.13.4 Analog Devices Single Board Microcontroller Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Analog Devices Recent Developments/Updates

7.13.6 Analog Devices Competitive Strengths & Weaknesses

7.14 Samsung Electronics

7.14.1 Samsung Electronics Details

7.14.2 Samsung Electronics Major Business

7.14.3 Samsung Electronics Single Board Microcontroller Product and Services

7.14.4 Samsung Electronics Single Board Microcontroller Production, Price, Value,

Gross Margin and Market Share (2018-2023)

7.14.5 Samsung Electronics Recent Developments/Updates

7.14.6 Samsung Electronics Competitive Strengths & Weaknesses

7.15 GigaDevice

7.15.1 GigaDevice Details

7.15.2 GigaDevice Major Business

7.15.3 GigaDevice Single Board Microcontroller Product and Services

7.15.4 GigaDevice Single Board Microcontroller Production, Price, Value, Gross

Margin and Market Share (2018-2023)

7.15.5 GigaDevice Recent Developments/Updates

7.15.6 GigaDevice Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Single Board Microcontroller Industry Chain

8.2 Single Board Microcontroller Upstream Analysis

8.2.1 Single Board Microcontroller Core Raw Materials

8.2.2 Main Manufacturers of Single Board Microcontroller Core Raw Materials

- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Single Board Microcontroller Production Mode
- 8.6 Single Board Microcontroller Procurement Model
- 8.7 Single Board Microcontroller Industry Sales Model and Sales Channels
 - 8.7.1 Single Board Microcontroller Sales Model
 - 8.7.2 Single Board Microcontroller Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION



10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. World Single Board Microcontroller Production Value by Region (2018, 2022) and 2029) & (USD Million) Table 2. World Single Board Microcontroller Production Value by Region (2018-2023) & (USD Million) Table 3. World Single Board Microcontroller Production Value by Region (2024-2029) & (USD Million) Table 4. World Single Board Microcontroller Production Value Market Share by Region (2018 - 2023)Table 5. World Single Board Microcontroller Production Value Market Share by Region (2024-2029)Table 6. World Single Board Microcontroller Production by Region (2018-2023) & (K Units) Table 7. World Single Board Microcontroller Production by Region (2024-2029) & (K Units) Table 8. World Single Board Microcontroller Production Market Share by Region (2018-2023)Table 9. World Single Board Microcontroller Production Market Share by Region (2024-2029)Table 10. World Single Board Microcontroller Average Price by Region (2018-2023) & (US\$/Unit) Table 11. World Single Board Microcontroller Average Price by Region (2024-2029) & (US\$/Unit) Table 12. Single Board Microcontroller Major Market Trends Table 13. World Single Board Microcontroller Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units) Table 14. World Single Board Microcontroller Consumption by Region (2018-2023) & (K Units) Table 15. World Single Board Microcontroller Consumption Forecast by Region (2024-2029) & (K Units) Table 16. World Single Board Microcontroller Production Value by Manufacturer (2018-2023) & (USD Million) Table 17. Production Value Market Share of Key Single Board Microcontroller Producers in 2022 Table 18. World Single Board Microcontroller Production by Manufacturer (2018-2023) & (K Units)



Table 19. Production Market Share of Key Single Board Microcontroller Producers in2022

Table 20. World Single Board Microcontroller Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Single Board Microcontroller Company Evaluation Quadrant

Table 22. World Single Board Microcontroller Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Single Board Microcontroller Production Site of Key Manufacturer

Table 24. Single Board Microcontroller Market: Company Product Type Footprint

Table 25. Single Board Microcontroller Market: Company Product Application Footprint

Table 26. Single Board Microcontroller Competitive Factors

Table 27. Single Board Microcontroller New Entrant and Capacity Expansion Plans

Table 28. Single Board Microcontroller Mergers & Acquisitions Activity

Table 29. United States VS China Single Board Microcontroller Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Single Board Microcontroller Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Single Board Microcontroller Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Single Board Microcontroller Manufacturers,

Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Single Board Microcontroller Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Single Board Microcontroller Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Single Board Microcontroller Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Single Board Microcontroller ProductionMarket Share (2018-2023)

Table 37. China Based Single Board Microcontroller Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Single Board Microcontroller Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Single Board Microcontroller Production ValueMarket Share (2018-2023)

Table 40. China Based Manufacturers Single Board Microcontroller Production(2018-2023) & (K Units)

Table 41. China Based Manufacturers Single Board Microcontroller Production Market



Share (2018-2023)

Table 42. Rest of World Based Single Board Microcontroller Manufacturers,

Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Single Board Microcontroller Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Single Board Microcontroller Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Single Board Microcontroller Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Single Board Microcontroller Production Market Share (2018-2023)

Table 47. World Single Board Microcontroller Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Single Board Microcontroller Production by Type (2018-2023) & (K Units)

Table 49. World Single Board Microcontroller Production by Type (2024-2029) & (K Units)

Table 50. World Single Board Microcontroller Production Value by Type (2018-2023) & (USD Million)

Table 51. World Single Board Microcontroller Production Value by Type (2024-2029) & (USD Million)

Table 52. World Single Board Microcontroller Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Single Board Microcontroller Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Single Board Microcontroller Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Single Board Microcontroller Production by Application (2018-2023) & (K Units)

Table 56. World Single Board Microcontroller Production by Application (2024-2029) & (K Units)

Table 57. World Single Board Microcontroller Production Value by Application (2018-2023) & (USD Million)

Table 58. World Single Board Microcontroller Production Value by Application(2024-2029) & (USD Million)

Table 59. World Single Board Microcontroller Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Single Board Microcontroller Average Price by Application (2024-2029) & (US\$/Unit)



Table 61. Microchip Technology Incorporated Basic Information, Manufacturing Base and Competitors

Table 62. Microchip Technology Incorporated Major Business

Table 63. Microchip Technology Incorporated Single Board Microcontroller Product and Services

Table 64. Microchip Technology Incorporated Single Board Microcontroller Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Microchip Technology Incorporated Recent Developments/Updates

Table 66. Microchip Technology Incorporated Competitive Strengths & Weaknesses

Table 67. STMicroelectronics Basic Information, Manufacturing Base and Competitors

 Table 68. STMicroelectronics Major Business

 Table 69. STMicroelectronics Single Board Microcontroller Product and Services

Table 70. STMicroelectronics Single Board Microcontroller Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. STMicroelectronics Recent Developments/Updates

 Table 72. STMicroelectronics Competitive Strengths & Weaknesses

 Table 73. Espressif Systems Basic Information, Manufacturing Base and Competitors

 Table 74. Espressif Systems Major Business

 Table 75. Espressif Systems Single Board Microcontroller Product and Services

Table 76. Espressif Systems Single Board Microcontroller Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Espressif Systems Recent Developments/Updates

Table 78. Espressif Systems Competitive Strengths & Weaknesses

Table 79. NXP Semiconductors Basic Information, Manufacturing Base and Competitors

Table 80. NXP Semiconductors Major Business

Table 81. NXP Semiconductors Single Board Microcontroller Product and Services

Table 82. NXP Semiconductors Single Board Microcontroller Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. NXP Semiconductors Recent Developments/Updates

Table 84. NXP Semiconductors Competitive Strengths & Weaknesses

 Table 85. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 86. Texas Instruments Major Business

Table 87. Texas Instruments Single Board Microcontroller Product and Services

Table 88. Texas Instruments Single Board Microcontroller Production (K Units), Price



(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018 - 2023)Table 89. Texas Instruments Recent Developments/Updates Table 90. Texas Instruments Competitive Strengths & Weaknesses Table 91. Atmel Basic Information, Manufacturing Base and Competitors Table 92. Atmel Major Business Table 93. Atmel Single Board Microcontroller Product and Services Table 94. Atmel Single Board Microcontroller Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023) Table 95. Atmel Recent Developments/Updates Table 96. Atmel Competitive Strengths & Weaknesses Table 97. Renesas Electronics Basic Information, Manufacturing Base and Competitors Table 98. Renesas Electronics Major Business Table 99. Renesas Electronics Single Board Microcontroller Product and Services Table 100. Renesas Electronics Single Board Microcontroller Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018 - 2023)Table 101. Renesas Electronics Recent Developments/Updates Table 102. Renesas Electronics Competitive Strengths & Weaknesses Table 103. Silicon Labs Basic Information, Manufacturing Base and Competitors Table 104. Silicon Labs Major Business Table 105. Silicon Labs Single Board Microcontroller Product and Services Table 106. Silicon Labs Single Board Microcontroller Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018 - 2023)Table 107. Silicon Labs Recent Developments/Updates Table 108. Silicon Labs Competitive Strengths & Weaknesses Table 109. Nordic Semiconductor Basic Information, Manufacturing Base and Competitors Table 110. Nordic Semiconductor Major Business Table 111. Nordic Semiconductor Single Board Microcontroller Product and Services Table 112. Nordic Semiconductor Single Board Microcontroller Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018 - 2023)Table 113. Nordic Semiconductor Recent Developments/Updates Table 114. Nordic Semiconductor Competitive Strengths & Weaknesses Table 115. Toshiba Basic Information, Manufacturing Base and Competitors

Table 116. Toshiba Major Business

Table 117. Toshiba Single Board Microcontroller Product and Services



Table 118. Toshiba Single Board Microcontroller Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Toshiba Recent Developments/Updates

Table 120. Toshiba Competitive Strengths & Weaknesses

Table 121. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 122. Infineon Technologies Major Business

Table 123. Infineon Technologies Single Board Microcontroller Product and Services Table 124. Infineon Technologies Single Board Microcontroller Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

 Table 125. Infineon Technologies Recent Developments/Updates

Table 126. Infineon Technologies Competitive Strengths & Weaknesses

Table 127. Cypress Semiconductor Basic Information, Manufacturing Base andCompetitors

Table 128. Cypress Semiconductor Major Business

Table 129. Cypress Semiconductor Single Board Microcontroller Product and Services

Table 130. Cypress Semiconductor Single Board Microcontroller Production (K Units),

Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Cypress Semiconductor Recent Developments/Updates

Table 132. Cypress Semiconductor Competitive Strengths & Weaknesses

Table 133. Analog Devices Basic Information, Manufacturing Base and Competitors

Table 134. Analog Devices Major Business

 Table 135. Analog Devices Single Board Microcontroller Product and Services

Table 136. Analog Devices Single Board Microcontroller Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Analog Devices Recent Developments/Updates

Table 138. Analog Devices Competitive Strengths & Weaknesses

Table 139. Samsung Electronics Basic Information, Manufacturing Base andCompetitors

 Table 140. Samsung Electronics Major Business

 Table 141. Samsung Electronics Single Board Microcontroller Product and Services

Table 142. Samsung Electronics Single Board Microcontroller Production (K Units),

Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

 Table 143. Samsung Electronics Recent Developments/Updates

 Table 144. GigaDevice Basic Information, Manufacturing Base and Competitors



Table 145. GigaDevice Major Business

Table 146. GigaDevice Single Board Microcontroller Product and Services

Table 147. GigaDevice Single Board Microcontroller Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 148. Global Key Players of Single Board Microcontroller Upstream (Raw Materials)

Table 149. Single Board Microcontroller Typical Customers

Table 150. Single Board Microcontroller Typical Distributors



List Of Figures

LIST OF FIGURES

Figure 1. Single Board Microcontroller Picture

Figure 2. World Single Board Microcontroller Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Single Board Microcontroller Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Single Board Microcontroller Production (2018-2029) & (K Units)

Figure 5. World Single Board Microcontroller Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Single Board Microcontroller Production Value Market Share by Region (2018-2029)

Figure 7. World Single Board Microcontroller Production Market Share by Region (2018-2029)

Figure 8. North America Single Board Microcontroller Production (2018-2029) & (K Units)

Figure 9. Europe Single Board Microcontroller Production (2018-2029) & (K Units)

Figure 10. China Single Board Microcontroller Production (2018-2029) & (K Units)

Figure 11. Japan Single Board Microcontroller Production (2018-2029) & (K Units)

Figure 12. South Korea Single Board Microcontroller Production (2018-2029) & (K Units)

Figure 13. Single Board Microcontroller Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Single Board Microcontroller Consumption (2018-2029) & (K Units)

Figure 16. World Single Board Microcontroller Consumption Market Share by Region (2018-2029)

Figure 17. United States Single Board Microcontroller Consumption (2018-2029) & (K Units)

Figure 18. China Single Board Microcontroller Consumption (2018-2029) & (K Units)

Figure 19. Europe Single Board Microcontroller Consumption (2018-2029) & (K Units)

Figure 20. Japan Single Board Microcontroller Consumption (2018-2029) & (K Units)

Figure 21. South Korea Single Board Microcontroller Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Single Board Microcontroller Consumption (2018-2029) & (K Units)

Figure 23. India Single Board Microcontroller Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Single Board Microcontroller by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Single Board Microcontroller



Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Single Board Microcontroller Markets in 2022

Figure 27. United States VS China: Single Board Microcontroller Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Single Board Microcontroller Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Single Board Microcontroller Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Single Board Microcontroller Production Market Share 2022

Figure 31. China Based Manufacturers Single Board Microcontroller Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Single Board Microcontroller Production Market Share 2022

Figure 33. World Single Board Microcontroller Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Single Board Microcontroller Production Value Market Share by Type in 2022

Figure 35. 4-Bit Single-Board Microcontroller

Figure 36. 8-Bit Single-Board Microcontroller

Figure 37. 16-Bit Single-Board Microcontroller

Figure 38. 32-Bit Single-Board Microcontroller

Figure 39. World Single Board Microcontroller Production Market Share by Type (2018-2029)

Figure 40. World Single Board Microcontroller Production Value Market Share by Type (2018-2029)

Figure 41. World Single Board Microcontroller Average Price by Type (2018-2029) & (US\$/Unit)

Figure 42. World Single Board Microcontroller Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 43. World Single Board Microcontroller Production Value Market Share by Application in 2022

Figure 44. Automotive Electronics

Figure 45. Smart Home

Figure 46. IoT Projects

Figure 47. Video Game

Figure 48. Other

Figure 49. World Single Board Microcontroller Production Market Share by Application



(2018-2029)

Figure 50. World Single Board Microcontroller Production Value Market Share by Application (2018-2029)

Figure 51. World Single Board Microcontroller Average Price by Application

(2018-2029) & (US\$/Unit)

Figure 52. Single Board Microcontroller Industry Chain

Figure 53. Single Board Microcontroller Procurement Model

Figure 54. Single Board Microcontroller Sales Model

Figure 55. Single Board Microcontroller Sales Channels, Direct Sales, and Distribution

Figure 56. Methodology

Figure 57. Research Process and Data Source



I would like to order

Product name: Global Single Board Microcontroller Supply, Demand and Key Producers, 2023-2029 Product link: <u>https://marketpublishers.com/r/G67A2C51044BEN.html</u>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G67A2C51044BEN.html</u>