

Global Crystal Oscillator ICs Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G3E6A8D6A015EN.html>

Date: April 2023

Pages: 109

Price: US\$ 4,480.00 (Single User License)

ID: G3E6A8D6A015EN

Abstracts

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

Oscillators convert DC signal to periodic AC signals which can be used to set frequency, be used for audio applications, or used as a clock signal. All microcontrollers and microprocessors require an oscillator to set the clock signal in order to function.

This report studies the global Crystal Oscillator ICs production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Crystal Oscillator ICs, 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 Crystal Oscillator ICs that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Crystal Oscillator ICs total production and demand, 2018-2029, (K Units)

Global Crystal Oscillator ICs total production value, 2018-2029, (USD Million)

Global Crystal Oscillator ICs production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Crystal Oscillator ICs consumption by region & country, CAGR, 2018-2029 & (K

Units)

U.S. VS China: Crystal Oscillator ICs domestic production, consumption, key domestic manufacturers and share

Global Crystal Oscillator ICs production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Crystal Oscillator ICs production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Crystal Oscillator ICs production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Crystal Oscillator ICs 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 SEIKO, Rakon, Panasonic, Microchip Technology, Nisshinbo Micro Devices, TOREX SEMICONDUCTOR, Swatch Group, Micro Analog Systems and Renesas Electronics, 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 Crystal Oscillator ICs 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 Crystal Oscillator ICs Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Crystal Oscillator ICs Market, Segmentation by Type

MHz Crystal Oscillator

KHz Crystal Oscillator

Global Crystal Oscillator ICs Market, Segmentation by Application

Car Audio

Home Audio

Portable Audio

USB DAC

Others

Companies Profiled:

SEIKO

Rakon

Panasonic

Microchip Technology

Nisshinbo Micro Devices

TOREX SEMICONDUCTOR

Swatch Group

Micro Analog Systems

Renesas Electronics

Diodes Incorporated)

ECS

RIVER ELETEC

Key Questions Answered

1. How big is the global Crystal Oscillator ICs market?
2. What is the demand of the global Crystal Oscillator ICs market?
3. What is the year over year growth of the global Crystal Oscillator ICs market?
4. What is the production and production value of the global Crystal Oscillator ICs market?
5. Who are the key producers in the global Crystal Oscillator ICs market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Crystal Oscillator ICs Introduction
- 1.2 World Crystal Oscillator ICs Supply & Forecast
 - 1.2.1 World Crystal Oscillator ICs Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Crystal Oscillator ICs Production (2018-2029)
 - 1.2.3 World Crystal Oscillator ICs Pricing Trends (2018-2029)
- 1.3 World Crystal Oscillator ICs Production by Region (Based on Production Site)
 - 1.3.1 World Crystal Oscillator ICs Production Value by Region (2018-2029)
 - 1.3.2 World Crystal Oscillator ICs Production by Region (2018-2029)
 - 1.3.3 World Crystal Oscillator ICs Average Price by Region (2018-2029)
 - 1.3.4 North America Crystal Oscillator ICs Production (2018-2029)
 - 1.3.5 Europe Crystal Oscillator ICs Production (2018-2029)
 - 1.3.6 China Crystal Oscillator ICs Production (2018-2029)
 - 1.3.7 Japan Crystal Oscillator ICs Production (2018-2029)
 - 1.3.8 South Korea Crystal Oscillator ICs Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Crystal Oscillator ICs Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Crystal Oscillator ICs 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 Crystal Oscillator ICs Demand (2018-2029)
- 2.2 World Crystal Oscillator ICs Consumption by Region
 - 2.2.1 World Crystal Oscillator ICs Consumption by Region (2018-2023)
 - 2.2.2 World Crystal Oscillator ICs Consumption Forecast by Region (2024-2029)
- 2.3 United States Crystal Oscillator ICs Consumption (2018-2029)
- 2.4 China Crystal Oscillator ICs Consumption (2018-2029)
- 2.5 Europe Crystal Oscillator ICs Consumption (2018-2029)
- 2.6 Japan Crystal Oscillator ICs Consumption (2018-2029)
- 2.7 South Korea Crystal Oscillator ICs Consumption (2018-2029)
- 2.8 ASEAN Crystal Oscillator ICs Consumption (2018-2029)
- 2.9 India Crystal Oscillator ICs Consumption (2018-2029)

3 WORLD CRYSTAL OSCILLATOR ICS MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Crystal Oscillator ICs Production Value by Manufacturer (2018-2023)
- 3.2 World Crystal Oscillator ICs Production by Manufacturer (2018-2023)
- 3.3 World Crystal Oscillator ICs Average Price by Manufacturer (2018-2023)
- 3.4 Crystal Oscillator ICs Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Crystal Oscillator ICs Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Crystal Oscillator ICs in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Crystal Oscillator ICs in 2022
- 3.6 Crystal Oscillator ICs Market: Overall Company Footprint Analysis
 - 3.6.1 Crystal Oscillator ICs Market: Region Footprint
 - 3.6.2 Crystal Oscillator ICs Market: Company Product Type Footprint
 - 3.6.3 Crystal Oscillator ICs 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: Crystal Oscillator ICs Production Value Comparison
 - 4.1.1 United States VS China: Crystal Oscillator ICs Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Crystal Oscillator ICs Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Crystal Oscillator ICs Production Comparison
 - 4.2.1 United States VS China: Crystal Oscillator ICs Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Crystal Oscillator ICs Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Crystal Oscillator ICs Consumption Comparison
 - 4.3.1 United States VS China: Crystal Oscillator ICs Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Crystal Oscillator ICs Consumption Market Share

Comparison (2018 & 2022 & 2029)

4.4 United States Based Crystal Oscillator ICs Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Crystal Oscillator ICs Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Crystal Oscillator ICs Production Value (2018-2023)

4.4.3 United States Based Manufacturers Crystal Oscillator ICs Production (2018-2023)

4.5 China Based Crystal Oscillator ICs Manufacturers and Market Share

4.5.1 China Based Crystal Oscillator ICs Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Crystal Oscillator ICs Production Value (2018-2023)

4.5.3 China Based Manufacturers Crystal Oscillator ICs Production (2018-2023)

4.6 Rest of World Based Crystal Oscillator ICs Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Crystal Oscillator ICs Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Crystal Oscillator ICs Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Crystal Oscillator ICs Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Crystal Oscillator ICs Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 MHz Crystal Oscillator

5.2.2 KHz Crystal Oscillator

5.3 Market Segment by Type

5.3.1 World Crystal Oscillator ICs Production by Type (2018-2029)

5.3.2 World Crystal Oscillator ICs Production Value by Type (2018-2029)

5.3.3 World Crystal Oscillator ICs Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Crystal Oscillator ICs Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Car Audio

6.2.2 Home Audio

6.2.3 Portable Audio

6.2.4 USB DAC

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World Crystal Oscillator ICs Production by Application (2018-2029)

6.3.2 World Crystal Oscillator ICs Production Value by Application (2018-2029)

6.3.3 World Crystal Oscillator ICs Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 SEIKO

7.1.1 SEIKO Details

7.1.2 SEIKO Major Business

7.1.3 SEIKO Crystal Oscillator ICs Product and Services

7.1.4 SEIKO Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 SEIKO Recent Developments/Updates

7.1.6 SEIKO Competitive Strengths & Weaknesses

7.2 Rakon

7.2.1 Rakon Details

7.2.2 Rakon Major Business

7.2.3 Rakon Crystal Oscillator ICs Product and Services

7.2.4 Rakon Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Rakon Recent Developments/Updates

7.2.6 Rakon Competitive Strengths & Weaknesses

7.3 Panasonic

7.3.1 Panasonic Details

7.3.2 Panasonic Major Business

7.3.3 Panasonic Crystal Oscillator ICs Product and Services

7.3.4 Panasonic Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Panasonic Recent Developments/Updates

7.3.6 Panasonic Competitive Strengths & Weaknesses

7.4 Microchip Technology

7.4.1 Microchip Technology Details

7.4.2 Microchip Technology Major Business

- 7.4.3 Microchip Technology Crystal Oscillator ICs Product and Services
- 7.4.4 Microchip Technology Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 Microchip Technology Recent Developments/Updates
- 7.4.6 Microchip Technology Competitive Strengths & Weaknesses
- 7.5 Nisshinbo Micro Devices
 - 7.5.1 Nisshinbo Micro Devices Details
 - 7.5.2 Nisshinbo Micro Devices Major Business
 - 7.5.3 Nisshinbo Micro Devices Crystal Oscillator ICs Product and Services
 - 7.5.4 Nisshinbo Micro Devices Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Nisshinbo Micro Devices Recent Developments/Updates
 - 7.5.6 Nisshinbo Micro Devices Competitive Strengths & Weaknesses
- 7.6 TOREX SEMICONDUCTOR
 - 7.6.1 TOREX SEMICONDUCTOR Details
 - 7.6.2 TOREX SEMICONDUCTOR Major Business
 - 7.6.3 TOREX SEMICONDUCTOR Crystal Oscillator ICs Product and Services
 - 7.6.4 TOREX SEMICONDUCTOR Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 TOREX SEMICONDUCTOR Recent Developments/Updates
 - 7.6.6 TOREX SEMICONDUCTOR Competitive Strengths & Weaknesses
- 7.7 Swatch Group
 - 7.7.1 Swatch Group Details
 - 7.7.2 Swatch Group Major Business
 - 7.7.3 Swatch Group Crystal Oscillator ICs Product and Services
 - 7.7.4 Swatch Group Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Swatch Group Recent Developments/Updates
 - 7.7.6 Swatch Group Competitive Strengths & Weaknesses
- 7.8 Micro Analog Systems
 - 7.8.1 Micro Analog Systems Details
 - 7.8.2 Micro Analog Systems Major Business
 - 7.8.3 Micro Analog Systems Crystal Oscillator ICs Product and Services
 - 7.8.4 Micro Analog Systems Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Micro Analog Systems Recent Developments/Updates
 - 7.8.6 Micro Analog Systems Competitive Strengths & Weaknesses
- 7.9 Renesas Electronics
 - 7.9.1 Renesas Electronics Details

- 7.9.2 Renesas Electronics Major Business
- 7.9.3 Renesas Electronics Crystal Oscillator ICs Product and Services
- 7.9.4 Renesas Electronics Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 Renesas Electronics Recent Developments/Updates
- 7.9.6 Renesas Electronics Competitive Strengths & Weaknesses
- 7.10 Diodes Incorporated)
- 7.10.1 Diodes Incorporated) Details
- 7.10.2 Diodes Incorporated) Major Business
- 7.10.3 Diodes Incorporated) Crystal Oscillator ICs Product and Services
- 7.10.4 Diodes Incorporated) Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.10.5 Diodes Incorporated) Recent Developments/Updates
- 7.10.6 Diodes Incorporated) Competitive Strengths & Weaknesses
- 7.11 ECS
- 7.11.1 ECS Details
- 7.11.2 ECS Major Business
- 7.11.3 ECS Crystal Oscillator ICs Product and Services
- 7.11.4 ECS Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.11.5 ECS Recent Developments/Updates
- 7.11.6 ECS Competitive Strengths & Weaknesses
- 7.12 RIVER ELETEC
- 7.12.1 RIVER ELETEC Details
- 7.12.2 RIVER ELETEC Major Business
- 7.12.3 RIVER ELETEC Crystal Oscillator ICs Product and Services
- 7.12.4 RIVER ELETEC Crystal Oscillator ICs Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.12.5 RIVER ELETEC Recent Developments/Updates
- 7.12.6 RIVER ELETEC Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Crystal Oscillator ICs Industry Chain
- 8.2 Crystal Oscillator ICs Upstream Analysis
 - 8.2.1 Crystal Oscillator ICs Core Raw Materials
 - 8.2.2 Main Manufacturers of Crystal Oscillator ICs Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis

8.5 Crystal Oscillator ICs Production Mode

8.6 Crystal Oscillator ICs Procurement Model

8.7 Crystal Oscillator ICs Industry Sales Model and Sales Channels

8.7.1 Crystal Oscillator ICs Sales Model

8.7.2 Crystal Oscillator ICs 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 Crystal Oscillator ICs Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Crystal Oscillator ICs Production Value by Region (2018-2023) & (USD Million)

Table 3. World Crystal Oscillator ICs Production Value by Region (2024-2029) & (USD Million)

Table 4. World Crystal Oscillator ICs Production Value Market Share by Region (2018-2023)

Table 5. World Crystal Oscillator ICs Production Value Market Share by Region (2024-2029)

Table 6. World Crystal Oscillator ICs Production by Region (2018-2023) & (K Units)

Table 7. World Crystal Oscillator ICs Production by Region (2024-2029) & (K Units)

Table 8. World Crystal Oscillator ICs Production Market Share by Region (2018-2023)

Table 9. World Crystal Oscillator ICs Production Market Share by Region (2024-2029)

Table 10. World Crystal Oscillator ICs Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Crystal Oscillator ICs Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Crystal Oscillator ICs Major Market Trends

Table 13. World Crystal Oscillator ICs Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Crystal Oscillator ICs Consumption by Region (2018-2023) & (K Units)

Table 15. World Crystal Oscillator ICs Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Crystal Oscillator ICs Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Crystal Oscillator ICs Producers in 2022

Table 18. World Crystal Oscillator ICs Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Crystal Oscillator ICs Producers in 2022

Table 20. World Crystal Oscillator ICs Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Crystal Oscillator ICs Company Evaluation Quadrant

Table 22. World Crystal Oscillator ICs Industry Rank of Major Manufacturers, Based on

Production Value in 2022

Table 23. Head Office and Crystal Oscillator ICs Production Site of Key Manufacturer

Table 24. Crystal Oscillator ICs Market: Company Product Type Footprint

Table 25. Crystal Oscillator ICs Market: Company Product Application Footprint

Table 26. Crystal Oscillator ICs Competitive Factors

Table 27. Crystal Oscillator ICs New Entrant and Capacity Expansion Plans

Table 28. Crystal Oscillator ICs Mergers & Acquisitions Activity

Table 29. United States VS China Crystal Oscillator ICs Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Crystal Oscillator ICs Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Crystal Oscillator ICs Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Crystal Oscillator ICs Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Crystal Oscillator ICs Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Crystal Oscillator ICs Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Crystal Oscillator ICs Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Crystal Oscillator ICs Production Market Share (2018-2023)

Table 37. China Based Crystal Oscillator ICs Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Crystal Oscillator ICs Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Crystal Oscillator ICs Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Crystal Oscillator ICs Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Crystal Oscillator ICs Production Market Share (2018-2023)

Table 42. Rest of World Based Crystal Oscillator ICs Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Crystal Oscillator ICs Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Crystal Oscillator ICs Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Crystal Oscillator ICs Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Crystal Oscillator ICs Production Market Share (2018-2023)

Table 47. World Crystal Oscillator ICs Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Crystal Oscillator ICs Production by Type (2018-2023) & (K Units)

Table 49. World Crystal Oscillator ICs Production by Type (2024-2029) & (K Units)

Table 50. World Crystal Oscillator ICs Production Value by Type (2018-2023) & (USD Million)

Table 51. World Crystal Oscillator ICs Production Value by Type (2024-2029) & (USD Million)

Table 52. World Crystal Oscillator ICs Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Crystal Oscillator ICs Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Crystal Oscillator ICs Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Crystal Oscillator ICs Production by Application (2018-2023) & (K Units)

Table 56. World Crystal Oscillator ICs Production by Application (2024-2029) & (K Units)

Table 57. World Crystal Oscillator ICs Production Value by Application (2018-2023) & (USD Million)

Table 58. World Crystal Oscillator ICs Production Value by Application (2024-2029) & (USD Million)

Table 59. World Crystal Oscillator ICs Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Crystal Oscillator ICs Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. SEIKO Basic Information, Manufacturing Base and Competitors

Table 62. SEIKO Major Business

Table 63. SEIKO Crystal Oscillator ICs Product and Services

Table 64. SEIKO Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. SEIKO Recent Developments/Updates

Table 66. SEIKO Competitive Strengths & Weaknesses

Table 67. Rakon Basic Information, Manufacturing Base and Competitors

Table 68. Rakon Major Business

Table 69. Rakon Crystal Oscillator ICs Product and Services

Table 70. Rakon Crystal Oscillator ICs Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Rakon Recent Developments/Updates

Table 72. Rakon Competitive Strengths & Weaknesses

Table 73. Panasonic Basic Information, Manufacturing Base and Competitors

Table 74. Panasonic Major Business

Table 75. Panasonic Crystal Oscillator ICs Product and Services

Table 76. Panasonic Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Panasonic Recent Developments/Updates

Table 78. Panasonic Competitive Strengths & Weaknesses

Table 79. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 80. Microchip Technology Major Business

Table 81. Microchip Technology Crystal Oscillator ICs Product and Services

Table 82. Microchip Technology Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Microchip Technology Recent Developments/Updates

Table 84. Microchip Technology Competitive Strengths & Weaknesses

Table 85. Nisshinbo Micro Devices Basic Information, Manufacturing Base and Competitors

Table 86. Nisshinbo Micro Devices Major Business

Table 87. Nisshinbo Micro Devices Crystal Oscillator ICs Product and Services

Table 88. Nisshinbo Micro Devices Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Nisshinbo Micro Devices Recent Developments/Updates

Table 90. Nisshinbo Micro Devices Competitive Strengths & Weaknesses

Table 91. TOREX SEMICONDUCTOR Basic Information, Manufacturing Base and Competitors

Table 92. TOREX SEMICONDUCTOR Major Business

Table 93. TOREX SEMICONDUCTOR Crystal Oscillator ICs Product and Services

Table 94. TOREX SEMICONDUCTOR Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. TOREX SEMICONDUCTOR Recent Developments/Updates

Table 96. TOREX SEMICONDUCTOR Competitive Strengths & Weaknesses

Table 97. Swatch Group Basic Information, Manufacturing Base and Competitors

Table 98. Swatch Group Major Business

- Table 99. Swatch Group Crystal Oscillator ICs Product and Services
- Table 100. Swatch Group Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Swatch Group Recent Developments/Updates
- Table 102. Swatch Group Competitive Strengths & Weaknesses
- Table 103. Micro Analog Systems Basic Information, Manufacturing Base and Competitors
- Table 104. Micro Analog Systems Major Business
- Table 105. Micro Analog Systems Crystal Oscillator ICs Product and Services
- Table 106. Micro Analog Systems Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Micro Analog Systems Recent Developments/Updates
- Table 108. Micro Analog Systems Competitive Strengths & Weaknesses
- Table 109. Renesas Electronics Basic Information, Manufacturing Base and Competitors
- Table 110. Renesas Electronics Major Business
- Table 111. Renesas Electronics Crystal Oscillator ICs Product and Services
- Table 112. Renesas Electronics Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Renesas Electronics Recent Developments/Updates
- Table 114. Renesas Electronics Competitive Strengths & Weaknesses
- Table 115. Diodes Incorporated) Basic Information, Manufacturing Base and Competitors
- Table 116. Diodes Incorporated) Major Business
- Table 117. Diodes Incorporated) Crystal Oscillator ICs Product and Services
- Table 118. Diodes Incorporated) Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Diodes Incorporated) Recent Developments/Updates
- Table 120. Diodes Incorporated) Competitive Strengths & Weaknesses
- Table 121. ECS Basic Information, Manufacturing Base and Competitors
- Table 122. ECS Major Business
- Table 123. ECS Crystal Oscillator ICs Product and Services
- Table 124. ECS Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. ECS Recent Developments/Updates
- Table 126. RIVER ELETEC Basic Information, Manufacturing Base and Competitors

Table 127. RIVER ELETEC Major Business

Table 128. RIVER ELETEC Crystal Oscillator ICs Product and Services

Table 129. RIVER ELETEC Crystal Oscillator ICs Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 130. Global Key Players of Crystal Oscillator ICs Upstream (Raw Materials)

Table 131. Crystal Oscillator ICs Typical Customers

Table 132. Crystal Oscillator ICs Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Crystal Oscillator ICs Picture

Figure 2. World Crystal Oscillator ICs Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Crystal Oscillator ICs Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Crystal Oscillator ICs Production (2018-2029) & (K Units)

Figure 5. World Crystal Oscillator ICs Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Crystal Oscillator ICs Production Value Market Share by Region (2018-2029)

Figure 7. World Crystal Oscillator ICs Production Market Share by Region (2018-2029)

Figure 8. North America Crystal Oscillator ICs Production (2018-2029) & (K Units)

Figure 9. Europe Crystal Oscillator ICs Production (2018-2029) & (K Units)

Figure 10. China Crystal Oscillator ICs Production (2018-2029) & (K Units)

Figure 11. Japan Crystal Oscillator ICs Production (2018-2029) & (K Units)

Figure 12. South Korea Crystal Oscillator ICs Production (2018-2029) & (K Units)

Figure 13. Crystal Oscillator ICs Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Crystal Oscillator ICs Consumption (2018-2029) & (K Units)

Figure 16. World Crystal Oscillator ICs Consumption Market Share by Region (2018-2029)

Figure 17. United States Crystal Oscillator ICs Consumption (2018-2029) & (K Units)

Figure 18. China Crystal Oscillator ICs Consumption (2018-2029) & (K Units)

Figure 19. Europe Crystal Oscillator ICs Consumption (2018-2029) & (K Units)

Figure 20. Japan Crystal Oscillator ICs Consumption (2018-2029) & (K Units)

Figure 21. South Korea Crystal Oscillator ICs Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Crystal Oscillator ICs Consumption (2018-2029) & (K Units)

Figure 23. India Crystal Oscillator ICs Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Crystal Oscillator ICs by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Crystal Oscillator ICs Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Crystal Oscillator ICs Markets in 2022

Figure 27. United States VS China: Crystal Oscillator ICs Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Crystal Oscillator ICs Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Crystal Oscillator ICs Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Crystal Oscillator ICs Production Market Share 2022

Figure 31. China Based Manufacturers Crystal Oscillator ICs Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Crystal Oscillator ICs Production Market Share 2022

Figure 33. World Crystal Oscillator ICs Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Crystal Oscillator ICs Production Value Market Share by Type in 2022

Figure 35. MHz Crystal Oscillator

Figure 36. KHz Crystal Oscillator

Figure 37. World Crystal Oscillator ICs Production Market Share by Type (2018-2029)

Figure 38. World Crystal Oscillator ICs Production Value Market Share by Type (2018-2029)

Figure 39. World Crystal Oscillator ICs Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Crystal Oscillator ICs Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Crystal Oscillator ICs Production Value Market Share by Application in 2022

Figure 42. Car Audio

Figure 43. Home Audio

Figure 44. Portable Audio

Figure 45. USB DAC

Figure 46. Others

Figure 47. World Crystal Oscillator ICs Production Market Share by Application (2018-2029)

Figure 48. World Crystal Oscillator ICs Production Value Market Share by Application (2018-2029)

Figure 49. World Crystal Oscillator ICs Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. Crystal Oscillator ICs Industry Chain

Figure 51. Crystal Oscillator ICs Procurement Model

Figure 52. Crystal Oscillator ICs Sales Model

Figure 53. Crystal Oscillator ICs Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

I would like to order

Product name: Global Crystal Oscillator ICs Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G3E6A8D6A015EN.html>

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:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3E6A8D6A015EN.html>

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

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

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

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