

Global Crystal and MEMS Oscillators Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Crystal and MEMS Oscillators market size is expected to reach \$ 3998.2 million by 2029, rising at a market growth of 12.4% CAGR during the forecast period (2023-2029).

Crystal oscillators operate on the principle of inverse piezoelectric effect in which an alternating voltage applied across the crystal surfaces causes it to vibrate at its natural frequency. It is these vibrations which eventually get converted into oscillations. A MEMS oscillator uses a silicon resonator as the oscillating source and requires a PLL circuit to correct the frequency for manufacturing tolerances and temperature coefficient.

This report studies the global Crystal and MEMS Oscillators production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Crystal and MEMS Oscillators total production and demand, 2018-2029, (M Pcs)

Global Crystal and MEMS Oscillators total production value, 2018-2029, (USD Million)

Global Crystal and MEMS Oscillators production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Pcs)

Global Crystal and MEMS Oscillators consumption by region & country, CAGR, 2018-2029 & (M Pcs)

U.S. VS China: Crystal and MEMS Oscillators domestic production, consumption, key domestic manufacturers and share

Global Crystal and MEMS Oscillators production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Pcs)

Global Crystal and MEMS Oscillators production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Pcs)

Global Crystal and MEMS Oscillators production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Pcs).

This reports profiles key players in the global Crystal and MEMS Oscillators 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 TXC, Seiko Epson, Nihon Dempa Kogyo (NDK), Kyocera Crystal Device (KCD), SiTime, Daishinku Corp (KDS), Microchip, Rakon and Hosonic Electronic, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Crystal and MEMS Oscillators market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Pcs) and average price (US\$/K Pcs) 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 and MEMS Oscillators Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Crystal and MEMS Oscillators Market, Segmentation by Type

kHz Device

MHz Device

Global Crystal and MEMS Oscillators Market, Segmentation by Application

Consumer Electronics

Automotive

Home Appliance

IT & Telecommunication

Medical Equipment

Aerospace & Defense

Others

Companies Profiled:

TXC

Seiko Epson

Nihon Dempa Kogyo (NDK)

Kyocera Crystal Device (KCD)

SiTime

Daishinku Corp (KDS)

Microchip

Rakon

Hosonic Electronic

Murata/TEW

Siward Crystal Technology

Micro Crystal

Diodes Incorporated

Tai-Saw Technology

Harmony Electronics Corp (H.ELE.)

Taitien

Failong Crystal Technologies

River Eletec

ShenZhen Yangxing Technology (YXC)

Abracon

NSK (JenJaan Quartek Corporation)

Aker Technology

Key Questions Answered

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

Contents

1 SUPPLY SUMMARY

- 1.1 Crystal and MEMS Oscillators Introduction
- 1.2 World Crystal and MEMS Oscillators Supply & Forecast
 - 1.2.1 World Crystal and MEMS Oscillators Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Crystal and MEMS Oscillators Production (2018-2029)
 - 1.2.3 World Crystal and MEMS Oscillators Pricing Trends (2018-2029)
- 1.3 World Crystal and MEMS Oscillators Production by Region (Based on Production Site)
 - 1.3.1 World Crystal and MEMS Oscillators Production Value by Region (2018-2029)
 - 1.3.2 World Crystal and MEMS Oscillators Production by Region (2018-2029)
 - 1.3.3 World Crystal and MEMS Oscillators Average Price by Region (2018-2029)
 - 1.3.4 North America Crystal and MEMS Oscillators Production (2018-2029)
 - 1.3.5 Europe Crystal and MEMS Oscillators Production (2018-2029)
 - 1.3.6 China Crystal and MEMS Oscillators Production (2018-2029)
 - 1.3.7 Japan Crystal and MEMS Oscillators Production (2018-2029)
 - 1.3.8 South Korea Crystal and MEMS Oscillators Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Crystal and MEMS Oscillators Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Crystal and MEMS Oscillators Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Crystal and MEMS Oscillators Demand (2018-2029)
- 2.2 World Crystal and MEMS Oscillators Consumption by Region
 - 2.2.1 World Crystal and MEMS Oscillators Consumption by Region (2018-2023)
 - 2.2.2 World Crystal and MEMS Oscillators Consumption Forecast by Region (2024-2029)
- 2.3 United States Crystal and MEMS Oscillators Consumption (2018-2029)
- 2.4 China Crystal and MEMS Oscillators Consumption (2018-2029)
- 2.5 Europe Crystal and MEMS Oscillators Consumption (2018-2029)
- 2.6 Japan Crystal and MEMS Oscillators Consumption (2018-2029)
- 2.7 South Korea Crystal and MEMS Oscillators Consumption (2018-2029)
- 2.8 ASEAN Crystal and MEMS Oscillators Consumption (2018-2029)
- 2.9 India Crystal and MEMS Oscillators Consumption (2018-2029)

3 WORLD CRYSTAL AND MEMS OSCILLATORS MANUFACTURERS COMPETITIVE ANALYSIS

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

Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Crystal and MEMS Oscillators Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Crystal and MEMS Oscillators Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Crystal and MEMS Oscillators Production Value (2018-2023)

4.4.3 United States Based Manufacturers Crystal and MEMS Oscillators Production (2018-2023)

4.5 China Based Crystal and MEMS Oscillators Manufacturers and Market Share

4.5.1 China Based Crystal and MEMS Oscillators Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Crystal and MEMS Oscillators Production Value (2018-2023)

4.5.3 China Based Manufacturers Crystal and MEMS Oscillators Production (2018-2023)

4.6 Rest of World Based Crystal and MEMS Oscillators Manufacturers and Market Share, 2018-2023

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

4.6.2 Rest of World Based Manufacturers Crystal and MEMS Oscillators Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Crystal and MEMS Oscillators Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Crystal and MEMS Oscillators Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 kHz Device

5.2.2 MHz Device

5.3 Market Segment by Type

5.3.1 World Crystal and MEMS Oscillators Production by Type (2018-2029)

5.3.2 World Crystal and MEMS Oscillators Production Value by Type (2018-2029)

5.3.3 World Crystal and MEMS Oscillators Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Crystal and MEMS Oscillators Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Consumer Electronics

6.2.2 Automotive

6.2.3 Home Appliance

6.2.4 IT & Telecommunication

6.2.5 Medical Equipment

6.2.6 Aerospace & Defense

6.2.7 Others

6.3 Market Segment by Application

6.3.1 World Crystal and MEMS Oscillators Production by Application (2018-2029)

6.3.2 World Crystal and MEMS Oscillators Production Value by Application (2018-2029)

6.3.3 World Crystal and MEMS Oscillators Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 TXC

7.1.1 TXC Details

7.1.2 TXC Major Business

7.1.3 TXC Crystal and MEMS Oscillators Product and Services

7.1.4 TXC Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 TXC Recent Developments/Updates

7.1.6 TXC Competitive Strengths & Weaknesses

7.2 Seiko Epson

7.2.1 Seiko Epson Details

7.2.2 Seiko Epson Major Business

7.2.3 Seiko Epson Crystal and MEMS Oscillators Product and Services

7.2.4 Seiko Epson Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Seiko Epson Recent Developments/Updates

7.2.6 Seiko Epson Competitive Strengths & Weaknesses

7.3 Nihon Dempa Kogyo (NDK)

7.3.1 Nihon Dempa Kogyo (NDK) Details

7.3.2 Nihon Dempa Kogyo (NDK) Major Business

7.3.3 Nihon Dempa Kogyo (NDK) Crystal and MEMS Oscillators Product and Services

7.3.4 Nihon Dempa Kogyo (NDK) Crystal and MEMS Oscillators Production, Price,

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

7.3.5 Nihon Dempa Kogyo (NDK) Recent Developments/Updates

7.3.6 Nihon Dempa Kogyo (NDK) Competitive Strengths & Weaknesses

7.4 Kyocera Crystal Device (KCD)

7.4.1 Kyocera Crystal Device (KCD) Details

7.4.2 Kyocera Crystal Device (KCD) Major Business

7.4.3 Kyocera Crystal Device (KCD) Crystal and MEMS Oscillators Product and Services

7.4.4 Kyocera Crystal Device (KCD) Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Kyocera Crystal Device (KCD) Recent Developments/Updates

7.4.6 Kyocera Crystal Device (KCD) Competitive Strengths & Weaknesses

7.5 SiTime

7.5.1 SiTime Details

7.5.2 SiTime Major Business

7.5.3 SiTime Crystal and MEMS Oscillators Product and Services

7.5.4 SiTime Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 SiTime Recent Developments/Updates

7.5.6 SiTime Competitive Strengths & Weaknesses

7.6 Daishinku Corp (KDS)

7.6.1 Daishinku Corp (KDS) Details

7.6.2 Daishinku Corp (KDS) Major Business

7.6.3 Daishinku Corp (KDS) Crystal and MEMS Oscillators Product and Services

7.6.4 Daishinku Corp (KDS) Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Daishinku Corp (KDS) Recent Developments/Updates

7.6.6 Daishinku Corp (KDS) Competitive Strengths & Weaknesses

7.7 Microchip

7.7.1 Microchip Details

7.7.2 Microchip Major Business

7.7.3 Microchip Crystal and MEMS Oscillators Product and Services

7.7.4 Microchip Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Microchip Recent Developments/Updates

7.7.6 Microchip Competitive Strengths & Weaknesses

7.8 Rakon

7.8.1 Rakon Details

7.8.2 Rakon Major Business

- 7.8.3 Rakon Crystal and MEMS Oscillators Product and Services
- 7.8.4 Rakon Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.8.5 Rakon Recent Developments/Updates
- 7.8.6 Rakon Competitive Strengths & Weaknesses
- 7.9 Hosonic Electronic
 - 7.9.1 Hosonic Electronic Details
 - 7.9.2 Hosonic Electronic Major Business
 - 7.9.3 Hosonic Electronic Crystal and MEMS Oscillators Product and Services
 - 7.9.4 Hosonic Electronic Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 Hosonic Electronic Recent Developments/Updates
 - 7.9.6 Hosonic Electronic Competitive Strengths & Weaknesses
- 7.10 Murata/TEW
 - 7.10.1 Murata/TEW Details
 - 7.10.2 Murata/TEW Major Business
 - 7.10.3 Murata/TEW Crystal and MEMS Oscillators Product and Services
 - 7.10.4 Murata/TEW Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Murata/TEW Recent Developments/Updates
 - 7.10.6 Murata/TEW Competitive Strengths & Weaknesses
- 7.11 Siward Crystal Technology
 - 7.11.1 Siward Crystal Technology Details
 - 7.11.2 Siward Crystal Technology Major Business
 - 7.11.3 Siward Crystal Technology Crystal and MEMS Oscillators Product and Services
 - 7.11.4 Siward Crystal Technology Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Siward Crystal Technology Recent Developments/Updates
 - 7.11.6 Siward Crystal Technology Competitive Strengths & Weaknesses
- 7.12 Micro Crystal
 - 7.12.1 Micro Crystal Details
 - 7.12.2 Micro Crystal Major Business
 - 7.12.3 Micro Crystal Crystal and MEMS Oscillators Product and Services
 - 7.12.4 Micro Crystal Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Micro Crystal Recent Developments/Updates
 - 7.12.6 Micro Crystal Competitive Strengths & Weaknesses
- 7.13 Diodes Incorporated
 - 7.13.1 Diodes Incorporated Details

- 7.13.2 Diodes Incorporated Major Business
- 7.13.3 Diodes Incorporated Crystal and MEMS Oscillators Product and Services
- 7.13.4 Diodes Incorporated Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.13.5 Diodes Incorporated Recent Developments/Updates
- 7.13.6 Diodes Incorporated Competitive Strengths & Weaknesses
- 7.14 Tai-Saw Technology
 - 7.14.1 Tai-Saw Technology Details
 - 7.14.2 Tai-Saw Technology Major Business
 - 7.14.3 Tai-Saw Technology Crystal and MEMS Oscillators Product and Services
 - 7.14.4 Tai-Saw Technology Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.14.5 Tai-Saw Technology Recent Developments/Updates
 - 7.14.6 Tai-Saw Technology Competitive Strengths & Weaknesses
- 7.15 Harmony Electronics Corp (H.ELE.)
 - 7.15.1 Harmony Electronics Corp (H.ELE.) Details
 - 7.15.2 Harmony Electronics Corp (H.ELE.) Major Business
 - 7.15.3 Harmony Electronics Corp (H.ELE.) Crystal and MEMS Oscillators Product and Services
 - 7.15.4 Harmony Electronics Corp (H.ELE.) Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.15.5 Harmony Electronics Corp (H.ELE.) Recent Developments/Updates
 - 7.15.6 Harmony Electronics Corp (H.ELE.) Competitive Strengths & Weaknesses
- 7.16 Taitien
 - 7.16.1 Taitien Details
 - 7.16.2 Taitien Major Business
 - 7.16.3 Taitien Crystal and MEMS Oscillators Product and Services
 - 7.16.4 Taitien Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.16.5 Taitien Recent Developments/Updates
 - 7.16.6 Taitien Competitive Strengths & Weaknesses
- 7.17 Failong Crystal Technologies
 - 7.17.1 Failong Crystal Technologies Details
 - 7.17.2 Failong Crystal Technologies Major Business
 - 7.17.3 Failong Crystal Technologies Crystal and MEMS Oscillators Product and Services
 - 7.17.4 Failong Crystal Technologies Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.17.5 Failong Crystal Technologies Recent Developments/Updates

- 7.17.6 Failong Crystal Technologies Competitive Strengths & Weaknesses
- 7.18 River Eletec
 - 7.18.1 River Eletec Details
 - 7.18.2 River Eletec Major Business
 - 7.18.3 River Eletec Crystal and MEMS Oscillators Product and Services
 - 7.18.4 River Eletec Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.18.5 River Eletec Recent Developments/Updates
 - 7.18.6 River Eletec Competitive Strengths & Weaknesses
- 7.19 ShenZhen Yangxing Technology (YXC)
 - 7.19.1 ShenZhen Yangxing Technology (YXC) Details
 - 7.19.2 ShenZhen Yangxing Technology (YXC) Major Business
 - 7.19.3 ShenZhen Yangxing Technology (YXC) Crystal and MEMS Oscillators Product and Services
 - 7.19.4 ShenZhen Yangxing Technology (YXC) Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.19.5 ShenZhen Yangxing Technology (YXC) Recent Developments/Updates
 - 7.19.6 ShenZhen Yangxing Technology (YXC) Competitive Strengths & Weaknesses
- 7.20 Abracon
 - 7.20.1 Abracon Details
 - 7.20.2 Abracon Major Business
 - 7.20.3 Abracon Crystal and MEMS Oscillators Product and Services
 - 7.20.4 Abracon Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.20.5 Abracon Recent Developments/Updates
 - 7.20.6 Abracon Competitive Strengths & Weaknesses
- 7.21 NSK (JenJaan Quartek Corporation)
 - 7.21.1 NSK (JenJaan Quartek Corporation) Details
 - 7.21.2 NSK (JenJaan Quartek Corporation) Major Business
 - 7.21.3 NSK (JenJaan Quartek Corporation) Crystal and MEMS Oscillators Product and Services
 - 7.21.4 NSK (JenJaan Quartek Corporation) Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.21.5 NSK (JenJaan Quartek Corporation) Recent Developments/Updates
 - 7.21.6 NSK (JenJaan Quartek Corporation) Competitive Strengths & Weaknesses
- 7.22 Aker Technology
 - 7.22.1 Aker Technology Details
 - 7.22.2 Aker Technology Major Business
 - 7.22.3 Aker Technology Crystal and MEMS Oscillators Product and Services

7.22.4 Aker Technology Crystal and MEMS Oscillators Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.22.5 Aker Technology Recent Developments/Updates

7.22.6 Aker Technology Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Crystal and MEMS Oscillators Industry Chain

8.2 Crystal and MEMS Oscillators Upstream Analysis

8.2.1 Crystal and MEMS Oscillators Core Raw Materials

8.2.2 Main Manufacturers of Crystal and MEMS Oscillators Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Crystal and MEMS Oscillators Production Mode

8.6 Crystal and MEMS Oscillators Procurement Model

8.7 Crystal and MEMS Oscillators Industry Sales Model and Sales Channels

8.7.1 Crystal and MEMS Oscillators Sales Model

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

Table 2. World Crystal and MEMS Oscillators Production Value by Region (2018-2023) & (USD Million)

Table 3. World Crystal and MEMS Oscillators Production Value by Region (2024-2029) & (USD Million)

Table 4. World Crystal and MEMS Oscillators Production Value Market Share by Region (2018-2023)

Table 5. World Crystal and MEMS Oscillators Production Value Market Share by Region (2024-2029)

Table 6. World Crystal and MEMS Oscillators Production by Region (2018-2023) & (M Pcs)

Table 7. World Crystal and MEMS Oscillators Production by Region (2024-2029) & (M Pcs)

Table 8. World Crystal and MEMS Oscillators Production Market Share by Region (2018-2023)

Table 9. World Crystal and MEMS Oscillators Production Market Share by Region (2024-2029)

Table 10. World Crystal and MEMS Oscillators Average Price by Region (2018-2023) & (US\$/K Pcs)

Table 11. World Crystal and MEMS Oscillators Average Price by Region (2024-2029) & (US\$/K Pcs)

Table 12. Crystal and MEMS Oscillators Major Market Trends

Table 13. World Crystal and MEMS Oscillators Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (M Pcs)

Table 14. World Crystal and MEMS Oscillators Consumption by Region (2018-2023) & (M Pcs)

Table 15. World Crystal and MEMS Oscillators Consumption Forecast by Region (2024-2029) & (M Pcs)

Table 16. World Crystal and MEMS Oscillators Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Crystal and MEMS Oscillators Producers in 2022

Table 18. World Crystal and MEMS Oscillators Production by Manufacturer (2018-2023) & (M Pcs)

Table 19. Production Market Share of Key Crystal and MEMS Oscillators Producers in 2022

Table 20. World Crystal and MEMS Oscillators Average Price by Manufacturer (2018-2023) & (US\$/K Pcs)

Table 21. Global Crystal and MEMS Oscillators Company Evaluation Quadrant

Table 22. World Crystal and MEMS Oscillators Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Crystal and MEMS Oscillators Production Site of Key Manufacturer

Table 24. Crystal and MEMS Oscillators Market: Company Product Type Footprint

Table 25. Crystal and MEMS Oscillators Market: Company Product Application Footprint

Table 26. Crystal and MEMS Oscillators Competitive Factors

Table 27. Crystal and MEMS Oscillators New Entrant and Capacity Expansion Plans

Table 28. Crystal and MEMS Oscillators Mergers & Acquisitions Activity

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

Table 30. United States VS China Crystal and MEMS Oscillators Production Comparison, (2018 & 2022 & 2029) & (M Pcs)

Table 31. United States VS China Crystal and MEMS Oscillators Consumption Comparison, (2018 & 2022 & 2029) & (M Pcs)

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

Table 33. United States Based Manufacturers Crystal and MEMS Oscillators Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Crystal and MEMS Oscillators Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Crystal and MEMS Oscillators Production (2018-2023) & (M Pcs)

Table 36. United States Based Manufacturers Crystal and MEMS Oscillators Production Market Share (2018-2023)

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

Table 38. China Based Manufacturers Crystal and MEMS Oscillators Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Crystal and MEMS Oscillators Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Crystal and MEMS Oscillators Production (2018-2023) & (M Pcs)

Table 41. China Based Manufacturers Crystal and MEMS Oscillators Production Market Share (2018-2023)

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

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

Table 44. Rest of World Based Manufacturers Crystal and MEMS Oscillators Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Crystal and MEMS Oscillators Production (2018-2023) & (M Pcs)

Table 46. Rest of World Based Manufacturers Crystal and MEMS Oscillators Production Market Share (2018-2023)

Table 47. World Crystal and MEMS Oscillators Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Crystal and MEMS Oscillators Production by Type (2018-2023) & (M Pcs)

Table 49. World Crystal and MEMS Oscillators Production by Type (2024-2029) & (M Pcs)

Table 50. World Crystal and MEMS Oscillators Production Value by Type (2018-2023) & (USD Million)

Table 51. World Crystal and MEMS Oscillators Production Value by Type (2024-2029) & (USD Million)

Table 52. World Crystal and MEMS Oscillators Average Price by Type (2018-2023) & (US\$/K Pcs)

Table 53. World Crystal and MEMS Oscillators Average Price by Type (2024-2029) & (US\$/K Pcs)

Table 54. World Crystal and MEMS Oscillators Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Crystal and MEMS Oscillators Production by Application (2018-2023) & (M Pcs)

Table 56. World Crystal and MEMS Oscillators Production by Application (2024-2029) & (M Pcs)

Table 57. World Crystal and MEMS Oscillators Production Value by Application (2018-2023) & (USD Million)

Table 58. World Crystal and MEMS Oscillators Production Value by Application (2024-2029) & (USD Million)

Table 59. World Crystal and MEMS Oscillators Average Price by Application (2018-2023) & (US\$/K Pcs)

Table 60. World Crystal and MEMS Oscillators Average Price by Application

(2024-2029) & (US\$/K Pcs)

Table 61. TXC Basic Information, Manufacturing Base and Competitors

Table 62. TXC Major Business

Table 63. TXC Crystal and MEMS Oscillators Product and Services

Table 64. TXC Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. TXC Recent Developments/Updates

Table 66. TXC Competitive Strengths & Weaknesses

Table 67. Seiko Epson Basic Information, Manufacturing Base and Competitors

Table 68. Seiko Epson Major Business

Table 69. Seiko Epson Crystal and MEMS Oscillators Product and Services

Table 70. Seiko Epson Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Seiko Epson Recent Developments/Updates

Table 72. Seiko Epson Competitive Strengths & Weaknesses

Table 73. Nihon Dempa Kogyo (NDK) Basic Information, Manufacturing Base and Competitors

Table 74. Nihon Dempa Kogyo (NDK) Major Business

Table 75. Nihon Dempa Kogyo (NDK) Crystal and MEMS Oscillators Product and Services

Table 76. Nihon Dempa Kogyo (NDK) Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Nihon Dempa Kogyo (NDK) Recent Developments/Updates

Table 78. Nihon Dempa Kogyo (NDK) Competitive Strengths & Weaknesses

Table 79. Kyocera Crystal Device (KCD) Basic Information, Manufacturing Base and Competitors

Table 80. Kyocera Crystal Device (KCD) Major Business

Table 81. Kyocera Crystal Device (KCD) Crystal and MEMS Oscillators Product and Services

Table 82. Kyocera Crystal Device (KCD) Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Kyocera Crystal Device (KCD) Recent Developments/Updates

Table 84. Kyocera Crystal Device (KCD) Competitive Strengths & Weaknesses

Table 85. SiTime Basic Information, Manufacturing Base and Competitors

Table 86. SiTime Major Business

Table 87. SiTime Crystal and MEMS Oscillators Product and Services

Table 88. SiTime Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs),

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

Table 89. SiTime Recent Developments/Updates

Table 90. SiTime Competitive Strengths & Weaknesses

Table 91. Daishinku Corp (KDS) Basic Information, Manufacturing Base and Competitors

Table 92. Daishinku Corp (KDS) Major Business

Table 93. Daishinku Corp (KDS) Crystal and MEMS Oscillators Product and Services

Table 94. Daishinku Corp (KDS) Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Daishinku Corp (KDS) Recent Developments/Updates

Table 96. Daishinku Corp (KDS) Competitive Strengths & Weaknesses

Table 97. Microchip Basic Information, Manufacturing Base and Competitors

Table 98. Microchip Major Business

Table 99. Microchip Crystal and MEMS Oscillators Product and Services

Table 100. Microchip Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Microchip Recent Developments/Updates

Table 102. Microchip Competitive Strengths & Weaknesses

Table 103. Rakon Basic Information, Manufacturing Base and Competitors

Table 104. Rakon Major Business

Table 105. Rakon Crystal and MEMS Oscillators Product and Services

Table 106. Rakon Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Rakon Recent Developments/Updates

Table 108. Rakon Competitive Strengths & Weaknesses

Table 109. Hosonic Electronic Basic Information, Manufacturing Base and Competitors

Table 110. Hosonic Electronic Major Business

Table 111. Hosonic Electronic Crystal and MEMS Oscillators Product and Services

Table 112. Hosonic Electronic Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Hosonic Electronic Recent Developments/Updates

Table 114. Hosonic Electronic Competitive Strengths & Weaknesses

Table 115. Murata/TEW Basic Information, Manufacturing Base and Competitors

Table 116. Murata/TEW Major Business

Table 117. Murata/TEW Crystal and MEMS Oscillators Product and Services

Table 118. Murata/TEW Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 119. Murata/TEW Recent Developments/Updates

Table 120. Murata/TEW Competitive Strengths & Weaknesses

Table 121. Siward Crystal Technology Basic Information, Manufacturing Base and Competitors

Table 122. Siward Crystal Technology Major Business

Table 123. Siward Crystal Technology Crystal and MEMS Oscillators Product and Services

Table 124. Siward Crystal Technology Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Siward Crystal Technology Recent Developments/Updates

Table 126. Siward Crystal Technology Competitive Strengths & Weaknesses

Table 127. Micro Crystal Basic Information, Manufacturing Base and Competitors

Table 128. Micro Crystal Major Business

Table 129. Micro Crystal Crystal and MEMS Oscillators Product and Services

Table 130. Micro Crystal Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Micro Crystal Recent Developments/Updates

Table 132. Micro Crystal Competitive Strengths & Weaknesses

Table 133. Diodes Incorporated Basic Information, Manufacturing Base and Competitors

Table 134. Diodes Incorporated Major Business

Table 135. Diodes Incorporated Crystal and MEMS Oscillators Product and Services

Table 136. Diodes Incorporated Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Diodes Incorporated Recent Developments/Updates

Table 138. Diodes Incorporated Competitive Strengths & Weaknesses

Table 139. Tai-Saw Technology Basic Information, Manufacturing Base and Competitors

Table 140. Tai-Saw Technology Major Business

Table 141. Tai-Saw Technology Crystal and MEMS Oscillators Product and Services

Table 142. Tai-Saw Technology Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Tai-Saw Technology Recent Developments/Updates

Table 144. Tai-Saw Technology Competitive Strengths & Weaknesses

Table 145. Harmony Electronics Corp (H.ELE.) Basic Information, Manufacturing Base and Competitors

Table 146. Harmony Electronics Corp (H.ELE.) Major Business

Table 147. Harmony Electronics Corp (H.ELE.) Crystal and MEMS Oscillators Product and Services

Table 148. Harmony Electronics Corp (H.ELE.) Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. Harmony Electronics Corp (H.ELE.) Recent Developments/Updates

Table 150. Harmony Electronics Corp (H.ELE.) Competitive Strengths & Weaknesses

Table 151. Taitien Basic Information, Manufacturing Base and Competitors

Table 152. Taitien Major Business

Table 153. Taitien Crystal and MEMS Oscillators Product and Services

Table 154. Taitien Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. Taitien Recent Developments/Updates

Table 156. Taitien Competitive Strengths & Weaknesses

Table 157. Failong Crystal Technologies Basic Information, Manufacturing Base and Competitors

Table 158. Failong Crystal Technologies Major Business

Table 159. Failong Crystal Technologies Crystal and MEMS Oscillators Product and Services

Table 160. Failong Crystal Technologies Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. Failong Crystal Technologies Recent Developments/Updates

Table 162. Failong Crystal Technologies Competitive Strengths & Weaknesses

Table 163. River Eletec Basic Information, Manufacturing Base and Competitors

Table 164. River Eletec Major Business

Table 165. River Eletec Crystal and MEMS Oscillators Product and Services

Table 166. River Eletec Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 167. River Eletec Recent Developments/Updates

Table 168. River Eletec Competitive Strengths & Weaknesses

Table 169. ShenZhen Yangxing Technology (YXC) Basic Information, Manufacturing Base and Competitors

Table 170. ShenZhen Yangxing Technology (YXC) Major Business

Table 171. ShenZhen Yangxing Technology (YXC) Crystal and MEMS Oscillators

Product and Services

Table 172. ShenZhen Yangxing Technology (YXC) Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 173. ShenZhen Yangxing Technology (YXC) Recent Developments/Updates

Table 174. ShenZhen Yangxing Technology (YXC) Competitive Strengths & Weaknesses

Table 175. Abracon Basic Information, Manufacturing Base and Competitors

Table 176. Abracon Major Business

Table 177. Abracon Crystal and MEMS Oscillators Product and Services

Table 178. Abracon Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 179. Abracon Recent Developments/Updates

Table 180. Abracon Competitive Strengths & Weaknesses

Table 181. NSK (JenJaan Quartek Corporation) Basic Information, Manufacturing Base and Competitors

Table 182. NSK (JenJaan Quartek Corporation) Major Business

Table 183. NSK (JenJaan Quartek Corporation) Crystal and MEMS Oscillators Product and Services

Table 184. NSK (JenJaan Quartek Corporation) Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 185. NSK (JenJaan Quartek Corporation) Recent Developments/Updates

Table 186. Aker Technology Basic Information, Manufacturing Base and Competitors

Table 187. Aker Technology Major Business

Table 188. Aker Technology Crystal and MEMS Oscillators Product and Services

Table 189. Aker Technology Crystal and MEMS Oscillators Production (M Pcs), Price (US\$/K Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 190. Global Key Players of Crystal and MEMS Oscillators Upstream (Raw Materials)

Table 191. Crystal and MEMS Oscillators Typical Customers

Table 192. Crystal and MEMS Oscillators Typical Distributors

List of Figure

Figure 1. Crystal and MEMS Oscillators Picture

Figure 2. World Crystal and MEMS Oscillators Production Value: 2018 & 2022 & 2029, (USD Million)

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

Figure 4. World Crystal and MEMS Oscillators Production (2018-2029) & (M Pcs)

Figure 5. World Crystal and MEMS Oscillators Average Price (2018-2029) & (US\$/K Pcs)

Figure 6. World Crystal and MEMS Oscillators Production Value Market Share by Region (2018-2029)

Figure 7. World Crystal and MEMS Oscillators Production Market Share by Region (2018-2029)

Figure 8. North America Crystal and MEMS Oscillators Production (2018-2029) & (M Pcs)

Figure 9. Europe Crystal and MEMS Oscillators Production (2018-2029) & (M Pcs)

Figure 10. China Crystal and MEMS Oscillators Production (2018-2029) & (M Pcs)

Figure 11. Japan Crystal and MEMS Oscillators Production (2018-2029) & (M Pcs)

Figure 12. South Korea Crystal and MEMS Oscillators Production (2018-2029) & (M Pcs)

Figure 13. Crystal and MEMS Oscillators Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Crystal and MEMS Oscillators Consumption (2018-2029) & (M Pcs)

Figure 16. World Crystal and MEMS Oscillators Consumption Market Share by Region (2018-2029)

Figure 17. United States Crystal and MEMS Oscillators Consumption (2018-2029) & (M Pcs)

Figure 18. China Crystal and MEMS Oscillators Consumption (2018-2029) & (M Pcs)

Figure 19. Europe Crystal and MEMS Oscillators Consumption (2018-2029) & (M Pcs)

Figure 20. Japan Crystal and MEMS Oscillators Consumption (2018-2029) & (M Pcs)

Figure 21. South Korea Crystal and MEMS Oscillators Consumption (2018-2029) & (M Pcs)

Figure 22. ASEAN Crystal and MEMS Oscillators Consumption (2018-2029) & (M Pcs)

Figure 23. India Crystal and MEMS Oscillators Consumption (2018-2029) & (M Pcs)

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

Figure 25. Global Four-firm Concentration Ratios (CR4) for Crystal and MEMS Oscillators Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Crystal and MEMS Oscillators Markets in 2022

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

Figure 28. United States VS China: Crystal and MEMS Oscillators Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Crystal and MEMS Oscillators Consumption Market

Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Crystal and MEMS Oscillators Production Market Share 2022

Figure 31. China Based Manufacturers Crystal and MEMS Oscillators Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Crystal and MEMS Oscillators Production Market Share 2022

Figure 33. World Crystal and MEMS Oscillators Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Crystal and MEMS Oscillators Production Value Market Share by Type in 2022

Figure 35. kHz Device

Figure 36. MHz Device

Figure 37. World Crystal and MEMS Oscillators Production Market Share by Type (2018-2029)

Figure 38. World Crystal and MEMS Oscillators Production Value Market Share by Type (2018-2029)

Figure 39. World Crystal and MEMS Oscillators Average Price by Type (2018-2029) & (US\$/K Pcs)

Figure 40. World Crystal and MEMS Oscillators Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Crystal and MEMS Oscillators Production Value Market Share by Application in 2022

Figure 42. Consumer Electronics

Figure 43. Automotive

Figure 44. Home Appliance

Figure 45. IT & Telecommunication

Figure 46. Medical Equipment

Figure 47. Aerospace & Defense

Figure 48. Others

Figure 49. World Crystal and MEMS Oscillators Production Market Share by Application (2018-2029)

Figure 50. World Crystal and MEMS Oscillators Production Value Market Share by Application (2018-2029)

Figure 51. World Crystal and MEMS Oscillators Average Price by Application (2018-2029) & (US\$/K Pcs)

Figure 52. Crystal and MEMS Oscillators Industry Chain

Figure 53. Crystal and MEMS Oscillators Procurement Model

Figure 54. Crystal and MEMS Oscillators Sales Model

Figure 55. Crystal and MEMS Oscillators Sales Channels, Direct Sales, and Distribution

Figure 56. Methodology

Figure 57. Research Process and Data Source

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