

Global MEMS Oscillators Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G75F4F6CBC9EN.html>

Date: January 2024

Pages: 160

Price: US\$ 3,480.00 (Single User License)

ID: G75F4F6CBC9EN

Abstracts

According to our (Global Info Research) latest study, the global MEMS Oscillators market size was valued at USD 3329.2 million in 2023 and is forecast to a readjusted size of USD 6197.3 million by 2030 with a CAGR of 9.3% during review period.

An electronic oscillator is an electronic circuit that produces a periodic, oscillating electronic signal, often a sine wave or a square wave.

Japan is the largest MEMS Oscillators market with about 47% market share. North America is follower, accounting for about 22% market share. The key manufacturers are Microchip, SiTime(Mega), NXP, Epson, Murata, Kyocera Corporation, TXC Corporation, NDK America Inc., ON Semiconductor, Rakon, Abracon, Taitien, Crystek, CTS, Silicon Laboratories, AVX, IDT (Renesas), Bliley Technologies, IQD Frequency Products, NEL Frequency Controls Inc., Pletronics, Ecliptek etc. Top 3 companies occupied about 17% market share.

The Global Info Research report includes an overview of the development of the MEMS Oscillators industry chain, the market status of Consumer Electronics (Crystal Oscillator, MEMS Oscillator), Automobile (Crystal Oscillator, MEMS Oscillator), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of MEMS Oscillators.

Regionally, the report analyzes the MEMS Oscillators markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global MEMS Oscillators market, with robust domestic demand, supportive policies, and a

strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the MEMS Oscillators market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the MEMS Oscillators industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (M Units), revenue generated, and market share of different by Type (e.g., Crystal Oscillator, MEMS Oscillator).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the MEMS Oscillators market.

Regional Analysis: The report involves examining the MEMS Oscillators market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the MEMS Oscillators market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to MEMS Oscillators:

Company Analysis: Report covers individual MEMS Oscillators manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards MEMS Oscillators This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Electronics,

Automobile).

Technology Analysis: Report covers specific technologies relevant to MEMS Oscillators. It assesses the current state, advancements, and potential future developments in MEMS Oscillators areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the MEMS Oscillators market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

MEMS Oscillators market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Crystal Oscillator

MEMS Oscillator

Market segment by Application

Consumer Electronics

Automobile

Communication Equipment

Industrial

Wearable Equipment

Others

Major players covered

Microchip

SiTime(Mega)

NXP

Epson

Murata

Kyocera Corporation

TXC Corporation

NDK America Inc.

ON Semiconductor

Rakon

Abracon

Taitien

Crystek

CTS

Silicon Laboratories

AVX

IDT (Renesas)

Bliley Technologies

IQD Frequency Products

NEL Frequency Controls Inc.

Pletronics

Ecliptek

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe MEMS Oscillators product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of MEMS Oscillators, with price, sales, revenue and global market share of MEMS Oscillators from 2019 to 2024.

Chapter 3, the MEMS Oscillators competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the MEMS Oscillators breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and MEMS Oscillators market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of MEMS Oscillators.

Chapter 14 and 15, to describe MEMS Oscillators sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of MEMS Oscillators
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global MEMS Oscillators Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Crystal Oscillator
 - 1.3.3 MEMS Oscillator
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global MEMS Oscillators Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Consumer Electronics
 - 1.4.3 Automobile
 - 1.4.4 Communication Equipment
 - 1.4.5 Industrial
 - 1.4.6 Wearable Equipment
 - 1.4.7 Others
- 1.5 Global MEMS Oscillators Market Size & Forecast
 - 1.5.1 Global MEMS Oscillators Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global MEMS Oscillators Sales Quantity (2019-2030)
 - 1.5.3 Global MEMS Oscillators Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Microchip
 - 2.1.1 Microchip Details
 - 2.1.2 Microchip Major Business
 - 2.1.3 Microchip MEMS Oscillators Product and Services
 - 2.1.4 Microchip MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Microchip Recent Developments/Updates
- 2.2 SiTime(Mega)
 - 2.2.1 SiTime(Mega) Details
 - 2.2.2 SiTime(Mega) Major Business
 - 2.2.3 SiTime(Mega) MEMS Oscillators Product and Services
 - 2.2.4 SiTime(Mega) MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2019-2024)

2.2.5 SiTime(Mega) Recent Developments/Updates

2.3 NXP

2.3.1 NXP Details

2.3.2 NXP Major Business

2.3.3 NXP MEMS Oscillators Product and Services

2.3.4 NXP MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 NXP Recent Developments/Updates

2.4 Epson

2.4.1 Epson Details

2.4.2 Epson Major Business

2.4.3 Epson MEMS Oscillators Product and Services

2.4.4 Epson MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Epson Recent Developments/Updates

2.5 Murata

2.5.1 Murata Details

2.5.2 Murata Major Business

2.5.3 Murata MEMS Oscillators Product and Services

2.5.4 Murata MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Murata Recent Developments/Updates

2.6 Kyocera Corporation

2.6.1 Kyocera Corporation Details

2.6.2 Kyocera Corporation Major Business

2.6.3 Kyocera Corporation MEMS Oscillators Product and Services

2.6.4 Kyocera Corporation MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Kyocera Corporation Recent Developments/Updates

2.7 TXC Corporation

2.7.1 TXC Corporation Details

2.7.2 TXC Corporation Major Business

2.7.3 TXC Corporation MEMS Oscillators Product and Services

2.7.4 TXC Corporation MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 TXC Corporation Recent Developments/Updates

2.8 NDK America Inc.

2.8.1 NDK America Inc. Details

- 2.8.2 NDK America Inc. Major Business
- 2.8.3 NDK America Inc. MEMS Oscillators Product and Services
- 2.8.4 NDK America Inc. MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 NDK America Inc. Recent Developments/Updates
- 2.9 ON Semiconductor
 - 2.9.1 ON Semiconductor Details
 - 2.9.2 ON Semiconductor Major Business
 - 2.9.3 ON Semiconductor MEMS Oscillators Product and Services
 - 2.9.4 ON Semiconductor MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 ON Semiconductor Recent Developments/Updates
- 2.10 Rakon
 - 2.10.1 Rakon Details
 - 2.10.2 Rakon Major Business
 - 2.10.3 Rakon MEMS Oscillators Product and Services
 - 2.10.4 Rakon MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Rakon Recent Developments/Updates
- 2.11 Abracon
 - 2.11.1 Abracon Details
 - 2.11.2 Abracon Major Business
 - 2.11.3 Abracon MEMS Oscillators Product and Services
 - 2.11.4 Abracon MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 Abracon Recent Developments/Updates
- 2.12 Taitien
 - 2.12.1 Taitien Details
 - 2.12.2 Taitien Major Business
 - 2.12.3 Taitien MEMS Oscillators Product and Services
 - 2.12.4 Taitien MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.12.5 Taitien Recent Developments/Updates
- 2.13 Crystek
 - 2.13.1 Crystek Details
 - 2.13.2 Crystek Major Business
 - 2.13.3 Crystek MEMS Oscillators Product and Services
 - 2.13.4 Crystek MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.13.5 Crystek Recent Developments/Updates
- 2.14 CTS
 - 2.14.1 CTS Details
 - 2.14.2 CTS Major Business
 - 2.14.3 CTS MEMS Oscillators Product and Services
 - 2.14.4 CTS MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.14.5 CTS Recent Developments/Updates
- 2.15 Silicon Laboratories
 - 2.15.1 Silicon Laboratories Details
 - 2.15.2 Silicon Laboratories Major Business
 - 2.15.3 Silicon Laboratories MEMS Oscillators Product and Services
 - 2.15.4 Silicon Laboratories MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.15.5 Silicon Laboratories Recent Developments/Updates
- 2.16 AVX
 - 2.16.1 AVX Details
 - 2.16.2 AVX Major Business
 - 2.16.3 AVX MEMS Oscillators Product and Services
 - 2.16.4 AVX MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.16.5 AVX Recent Developments/Updates
- 2.17 IDT (Renesas)
 - 2.17.1 IDT (Renesas) Details
 - 2.17.2 IDT (Renesas) Major Business
 - 2.17.3 IDT (Renesas) MEMS Oscillators Product and Services
 - 2.17.4 IDT (Renesas) MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.17.5 IDT (Renesas) Recent Developments/Updates
- 2.18 Bliley Technologies
 - 2.18.1 Bliley Technologies Details
 - 2.18.2 Bliley Technologies Major Business
 - 2.18.3 Bliley Technologies MEMS Oscillators Product and Services
 - 2.18.4 Bliley Technologies MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.18.5 Bliley Technologies Recent Developments/Updates
- 2.19 IQD Frequency Products
 - 2.19.1 IQD Frequency Products Details
 - 2.19.2 IQD Frequency Products Major Business

- 2.19.3 IQD Frequency Products MEMS Oscillators Product and Services
- 2.19.4 IQD Frequency Products MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.19.5 IQD Frequency Products Recent Developments/Updates
- 2.20 NEL Frequency Controls Inc.
 - 2.20.1 NEL Frequency Controls Inc. Details
 - 2.20.2 NEL Frequency Controls Inc. Major Business
 - 2.20.3 NEL Frequency Controls Inc. MEMS Oscillators Product and Services
 - 2.20.4 NEL Frequency Controls Inc. MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.20.5 NEL Frequency Controls Inc. Recent Developments/Updates
- 2.21 Pletronics
 - 2.21.1 Pletronics Details
 - 2.21.2 Pletronics Major Business
 - 2.21.3 Pletronics MEMS Oscillators Product and Services
 - 2.21.4 Pletronics MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.21.5 Pletronics Recent Developments/Updates
- 2.22 Ecliptek
 - 2.22.1 Ecliptek Details
 - 2.22.2 Ecliptek Major Business
 - 2.22.3 Ecliptek MEMS Oscillators Product and Services
 - 2.22.4 Ecliptek MEMS Oscillators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.22.5 Ecliptek Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: MEMS OSCILLATORS BY MANUFACTURER

- 3.1 Global MEMS Oscillators Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global MEMS Oscillators Revenue by Manufacturer (2019-2024)
- 3.3 Global MEMS Oscillators Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of MEMS Oscillators by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 MEMS Oscillators Manufacturer Market Share in 2023
 - 3.4.2 Top 6 MEMS Oscillators Manufacturer Market Share in 2023
- 3.5 MEMS Oscillators Market: Overall Company Footprint Analysis
 - 3.5.1 MEMS Oscillators Market: Region Footprint
 - 3.5.2 MEMS Oscillators Market: Company Product Type Footprint

- 3.5.3 MEMS Oscillators Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global MEMS Oscillators Market Size by Region
 - 4.1.1 Global MEMS Oscillators Sales Quantity by Region (2019-2030)
 - 4.1.2 Global MEMS Oscillators Consumption Value by Region (2019-2030)
 - 4.1.3 Global MEMS Oscillators Average Price by Region (2019-2030)
- 4.2 North America MEMS Oscillators Consumption Value (2019-2030)
- 4.3 Europe MEMS Oscillators Consumption Value (2019-2030)
- 4.4 Asia-Pacific MEMS Oscillators Consumption Value (2019-2030)
- 4.5 South America MEMS Oscillators Consumption Value (2019-2030)
- 4.6 Middle East and Africa MEMS Oscillators Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global MEMS Oscillators Sales Quantity by Type (2019-2030)
- 5.2 Global MEMS Oscillators Consumption Value by Type (2019-2030)
- 5.3 Global MEMS Oscillators Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global MEMS Oscillators Sales Quantity by Application (2019-2030)
- 6.2 Global MEMS Oscillators Consumption Value by Application (2019-2030)
- 6.3 Global MEMS Oscillators Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America MEMS Oscillators Sales Quantity by Type (2019-2030)
- 7.2 North America MEMS Oscillators Sales Quantity by Application (2019-2030)
- 7.3 North America MEMS Oscillators Market Size by Country
 - 7.3.1 North America MEMS Oscillators Sales Quantity by Country (2019-2030)
 - 7.3.2 North America MEMS Oscillators Consumption Value by Country (2019-2030)
 - 7.3.3 United States Market Size and Forecast (2019-2030)
 - 7.3.4 Canada Market Size and Forecast (2019-2030)
 - 7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

- 8.1 Europe MEMS Oscillators Sales Quantity by Type (2019-2030)
- 8.2 Europe MEMS Oscillators Sales Quantity by Application (2019-2030)
- 8.3 Europe MEMS Oscillators Market Size by Country
 - 8.3.1 Europe MEMS Oscillators Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe MEMS Oscillators Consumption Value by Country (2019-2030)
 - 8.3.3 Germany Market Size and Forecast (2019-2030)
 - 8.3.4 France Market Size and Forecast (2019-2030)
 - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
 - 8.3.6 Russia Market Size and Forecast (2019-2030)
 - 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific MEMS Oscillators Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific MEMS Oscillators Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific MEMS Oscillators Market Size by Region
 - 9.3.1 Asia-Pacific MEMS Oscillators Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific MEMS Oscillators Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America MEMS Oscillators Sales Quantity by Type (2019-2030)
- 10.2 South America MEMS Oscillators Sales Quantity by Application (2019-2030)
- 10.3 South America MEMS Oscillators Market Size by Country
 - 10.3.1 South America MEMS Oscillators Sales Quantity by Country (2019-2030)
 - 10.3.2 South America MEMS Oscillators Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa MEMS Oscillators Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa MEMS Oscillators Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa MEMS Oscillators Market Size by Country
 - 11.3.1 Middle East & Africa MEMS Oscillators Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa MEMS Oscillators Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
 - 11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 MEMS Oscillators Market Drivers
- 12.2 MEMS Oscillators Market Restraints
- 12.3 MEMS Oscillators Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of MEMS Oscillators and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of MEMS Oscillators
- 13.3 MEMS Oscillators Production Process
- 13.4 MEMS Oscillators Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 MEMS Oscillators Typical Distributors
- 14.3 MEMS Oscillators Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global MEMS Oscillators Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global MEMS Oscillators Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Microchip Basic Information, Manufacturing Base and Competitors

Table 4. Microchip Major Business

Table 5. Microchip MEMS Oscillators Product and Services

Table 6. Microchip MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Microchip Recent Developments/Updates

Table 8. SiTime(Mega) Basic Information, Manufacturing Base and Competitors

Table 9. SiTime(Mega) Major Business

Table 10. SiTime(Mega) MEMS Oscillators Product and Services

Table 11. SiTime(Mega) MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. SiTime(Mega) Recent Developments/Updates

Table 13. NXP Basic Information, Manufacturing Base and Competitors

Table 14. NXP Major Business

Table 15. NXP MEMS Oscillators Product and Services

Table 16. NXP MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. NXP Recent Developments/Updates

Table 18. Epson Basic Information, Manufacturing Base and Competitors

Table 19. Epson Major Business

Table 20. Epson MEMS Oscillators Product and Services

Table 21. Epson MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Epson Recent Developments/Updates

Table 23. Murata Basic Information, Manufacturing Base and Competitors

Table 24. Murata Major Business

Table 25. Murata MEMS Oscillators Product and Services

Table 26. Murata MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Murata Recent Developments/Updates

Table 28. Kyocera Corporation Basic Information, Manufacturing Base and Competitors

Table 29. Kyocera Corporation Major Business

Table 30. Kyocera Corporation MEMS Oscillators Product and Services

Table 31. Kyocera Corporation MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Kyocera Corporation Recent Developments/Updates

Table 33. TXC Corporation Basic Information, Manufacturing Base and Competitors

Table 34. TXC Corporation Major Business

Table 35. TXC Corporation MEMS Oscillators Product and Services

Table 36. TXC Corporation MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. TXC Corporation Recent Developments/Updates

Table 38. NDK America Inc. Basic Information, Manufacturing Base and Competitors

Table 39. NDK America Inc. Major Business

Table 40. NDK America Inc. MEMS Oscillators Product and Services

Table 41. NDK America Inc. MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. NDK America Inc. Recent Developments/Updates

Table 43. ON Semiconductor Basic Information, Manufacturing Base and Competitors

Table 44. ON Semiconductor Major Business

Table 45. ON Semiconductor MEMS Oscillators Product and Services

Table 46. ON Semiconductor MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. ON Semiconductor Recent Developments/Updates

Table 48. Rakon Basic Information, Manufacturing Base and Competitors

Table 49. Rakon Major Business

Table 50. Rakon MEMS Oscillators Product and Services

Table 51. Rakon MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Rakon Recent Developments/Updates

Table 53. Abracon Basic Information, Manufacturing Base and Competitors

Table 54. Abracon Major Business

Table 55. Abracon MEMS Oscillators Product and Services

Table 56. Abracon MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Abracon Recent Developments/Updates

Table 58. Taitien Basic Information, Manufacturing Base and Competitors

Table 59. Taitien Major Business

Table 60. Taitien MEMS Oscillators Product and Services

Table 61. Taitien MEMS Oscillators Sales Quantity (M Units), Average Price

(USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Taitien Recent Developments/Updates

Table 63. Crystek Basic Information, Manufacturing Base and Competitors

Table 64. Crystek Major Business

Table 65. Crystek MEMS Oscillators Product and Services

Table 66. Crystek MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. Crystek Recent Developments/Updates

Table 68. CTS Basic Information, Manufacturing Base and Competitors

Table 69. CTS Major Business

Table 70. CTS MEMS Oscillators Product and Services

Table 71. CTS MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. CTS Recent Developments/Updates

Table 73. Silicon Laboratories Basic Information, Manufacturing Base and Competitors

Table 74. Silicon Laboratories Major Business

Table 75. Silicon Laboratories MEMS Oscillators Product and Services

Table 76. Silicon Laboratories MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Silicon Laboratories Recent Developments/Updates

Table 78. AVX Basic Information, Manufacturing Base and Competitors

Table 79. AVX Major Business

Table 80. AVX MEMS Oscillators Product and Services

Table 81. AVX MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 82. AVX Recent Developments/Updates

Table 83. IDT (Renesas) Basic Information, Manufacturing Base and Competitors

Table 84. IDT (Renesas) Major Business

Table 85. IDT (Renesas) MEMS Oscillators Product and Services

Table 86. IDT (Renesas) MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 87. IDT (Renesas) Recent Developments/Updates

Table 88. Bliley Technologies Basic Information, Manufacturing Base and Competitors

Table 89. Bliley Technologies Major Business

Table 90. Bliley Technologies MEMS Oscillators Product and Services

Table 91. Bliley Technologies MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 92. Bliley Technologies Recent Developments/Updates

Table 93. IQD Frequency Products Basic Information, Manufacturing Base and

Competitors

Table 94. IQD Frequency Products Major Business

Table 95. IQD Frequency Products MEMS Oscillators Product and Services

Table 96. IQD Frequency Products MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 97. IQD Frequency Products Recent Developments/Updates

Table 98. NEL Frequency Controls Inc. Basic Information, Manufacturing Base and Competitors

Table 99. NEL Frequency Controls Inc. Major Business

Table 100. NEL Frequency Controls Inc. MEMS Oscillators Product and Services

Table 101. NEL Frequency Controls Inc. MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 102. NEL Frequency Controls Inc. Recent Developments/Updates

Table 103. Pletronics Basic Information, Manufacturing Base and Competitors

Table 104. Pletronics Major Business

Table 105. Pletronics MEMS Oscillators Product and Services

Table 106. Pletronics MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 107. Pletronics Recent Developments/Updates

Table 108. Ecliptek Basic Information, Manufacturing Base and Competitors

Table 109. Ecliptek Major Business

Table 110. Ecliptek MEMS Oscillators Product and Services

Table 111. Ecliptek MEMS Oscillators Sales Quantity (M Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 112. Ecliptek Recent Developments/Updates

Table 113. Global MEMS Oscillators Sales Quantity by Manufacturer (2019-2024) & (M Units)

Table 114. Global MEMS Oscillators Revenue by Manufacturer (2019-2024) & (USD Million)

Table 115. Global MEMS Oscillators Average Price by Manufacturer (2019-2024) & (USD/Unit)

Table 116. Market Position of Manufacturers in MEMS Oscillators, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 117. Head Office and MEMS Oscillators Production Site of Key Manufacturer

Table 118. MEMS Oscillators Market: Company Product Type Footprint

Table 119. MEMS Oscillators Market: Company Product Application Footprint

Table 120. MEMS Oscillators New Market Entrants and Barriers to Market Entry

Table 121. MEMS Oscillators Mergers, Acquisition, Agreements, and Collaborations

Table 122. Global MEMS Oscillators Sales Quantity by Region (2019-2024) & (M Units)

Table 123. Global MEMS Oscillators Sales Quantity by Region (2025-2030) & (M Units)

Table 124. Global MEMS Oscillators Consumption Value by Region (2019-2024) & (USD Million)

Table 125. Global MEMS Oscillators Consumption Value by Region (2025-2030) & (USD Million)

Table 126. Global MEMS Oscillators Average Price by Region (2019-2024) & (USD/Unit)

Table 127. Global MEMS Oscillators Average Price by Region (2025-2030) & (USD/Unit)

Table 128. Global MEMS Oscillators Sales Quantity by Type (2019-2024) & (M Units)

Table 129. Global MEMS Oscillators Sales Quantity by Type (2025-2030) & (M Units)

Table 130. Global MEMS Oscillators Consumption Value by Type (2019-2024) & (USD Million)

Table 131. Global MEMS Oscillators Consumption Value by Type (2025-2030) & (USD Million)

Table 132. Global MEMS Oscillators Average Price by Type (2019-2024) & (USD/Unit)

Table 133. Global MEMS Oscillators Average Price by Type (2025-2030) & (USD/Unit)

Table 134. Global MEMS Oscillators Sales Quantity by Application (2019-2024) & (M Units)

Table 135. Global MEMS Oscillators Sales Quantity by Application (2025-2030) & (M Units)

Table 136. Global MEMS Oscillators Consumption Value by Application (2019-2024) & (USD Million)

Table 137. Global MEMS Oscillators Consumption Value by Application (2025-2030) & (USD Million)

Table 138. Global MEMS Oscillators Average Price by Application (2019-2024) & (USD/Unit)

Table 139. Global MEMS Oscillators Average Price by Application (2025-2030) & (USD/Unit)

Table 140. North America MEMS Oscillators Sales Quantity by Type (2019-2024) & (M Units)

Table 141. North America MEMS Oscillators Sales Quantity by Type (2025-2030) & (M Units)

Table 142. North America MEMS Oscillators Sales Quantity by Application (2019-2024) & (M Units)

Table 143. North America MEMS Oscillators Sales Quantity by Application (2025-2030) & (M Units)

Table 144. North America MEMS Oscillators Sales Quantity by Country (2019-2024) & (M Units)

Table 145. North America MEMS Oscillators Sales Quantity by Country (2025-2030) & (M Units)

Table 146. North America MEMS Oscillators Consumption Value by Country (2019-2024) & (USD Million)

Table 147. North America MEMS Oscillators Consumption Value by Country (2025-2030) & (USD Million)

Table 148. Europe MEMS Oscillators Sales Quantity by Type (2019-2024) & (M Units)

Table 149. Europe MEMS Oscillators Sales Quantity by Type (2025-2030) & (M Units)

Table 150. Europe MEMS Oscillators Sales Quantity by Application (2019-2024) & (M Units)

Table 151. Europe MEMS Oscillators Sales Quantity by Application (2025-2030) & (M Units)

Table 152. Europe MEMS Oscillators Sales Quantity by Country (2019-2024) & (M Units)

Table 153. Europe MEMS Oscillators Sales Quantity by Country (2025-2030) & (M Units)

Table 154. Europe MEMS Oscillators Consumption Value by Country (2019-2024) & (USD Million)

Table 155. Europe MEMS Oscillators Consumption Value by Country (2025-2030) & (USD Million)

Table 156. Asia-Pacific MEMS Oscillators Sales Quantity by Type (2019-2024) & (M Units)

Table 157. Asia-Pacific MEMS Oscillators Sales Quantity by Type (2025-2030) & (M Units)

Table 158. Asia-Pacific MEMS Oscillators Sales Quantity by Application (2019-2024) & (M Units)

Table 159. Asia-Pacific MEMS Oscillators Sales Quantity by Application (2025-2030) & (M Units)

Table 160. Asia-Pacific MEMS Oscillators Sales Quantity by Region (2019-2024) & (M Units)

Table 161. Asia-Pacific MEMS Oscillators Sales Quantity by Region (2025-2030) & (M Units)

Table 162. Asia-Pacific MEMS Oscillators Consumption Value by Region (2019-2024) & (USD Million)

Table 163. Asia-Pacific MEMS Oscillators Consumption Value by Region (2025-2030) & (USD Million)

Table 164. South America MEMS Oscillators Sales Quantity by Type (2019-2024) & (M

Units)

Table 165. South America MEMS Oscillators Sales Quantity by Type (2025-2030) & (M Units)

Table 166. South America MEMS Oscillators Sales Quantity by Application (2019-2024) & (M Units)

Table 167. South America MEMS Oscillators Sales Quantity by Application (2025-2030) & (M Units)

Table 168. South America MEMS Oscillators Sales Quantity by Country (2019-2024) & (M Units)

Table 169. South America MEMS Oscillators Sales Quantity by Country (2025-2030) & (M Units)

Table 170. South America MEMS Oscillators Consumption Value by Country (2019-2024) & (USD Million)

Table 171. South America MEMS Oscillators Consumption Value by Country (2025-2030) & (USD Million)

Table 172. Middle East & Africa MEMS Oscillators Sales Quantity by Type (2019-2024) & (M Units)

Table 173. Middle East & Africa MEMS Oscillators Sales Quantity by Type (2025-2030) & (M Units)

Table 174. Middle East & Africa MEMS Oscillators Sales Quantity by Application (2019-2024) & (M Units)

Table 175. Middle East & Africa MEMS Oscillators Sales Quantity by Application (2025-2030) & (M Units)

Table 176. Middle East & Africa MEMS Oscillators Sales Quantity by Region (2019-2024) & (M Units)

Table 177. Middle East & Africa MEMS Oscillators Sales Quantity by Region (2025-2030) & (M Units)

Table 178. Middle East & Africa MEMS Oscillators Consumption Value by Region (2019-2024) & (USD Million)

Table 179. Middle East & Africa MEMS Oscillators Consumption Value by Region (2025-2030) & (USD Million)

Table 180. MEMS Oscillators Raw Material

Table 181. Key Manufacturers of MEMS Oscillators Raw Materials

Table 182. MEMS Oscillators Typical Distributors

Table 183. MEMS Oscillators Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. MEMS Oscillators Picture

Figure 2. Global MEMS Oscillators Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global MEMS Oscillators Consumption Value Market Share by Type in 2023

Figure 4. Crystal Oscillator Examples

Figure 5. MEMS Oscillator Examples

Figure 6. Global MEMS Oscillators Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. Global MEMS Oscillators Consumption Value Market Share by Application in 2023

Figure 8. Consumer Electronics Examples

Figure 9. Automobile Examples

Figure 10. Communication Equipment Examples

Figure 11. Industrial Examples

Figure 12. Wearable Equipment Examples

Figure 13. Others Examples

Figure 14. Global MEMS Oscillators Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 15. Global MEMS Oscillators Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 16. Global MEMS Oscillators Sales Quantity (2019-2030) & (M Units)

Figure 17. Global MEMS Oscillators Average Price (2019-2030) & (USD/Unit)

Figure 18. Global MEMS Oscillators Sales Quantity Market Share by Manufacturer in 2023

Figure 19. Global MEMS Oscillators Consumption Value Market Share by Manufacturer in 2023

Figure 20. Producer Shipments of MEMS Oscillators by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 21. Top 3 MEMS Oscillators Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Top 6 MEMS Oscillators Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Global MEMS Oscillators Sales Quantity Market Share by Region (2019-2030)

Figure 24. Global MEMS Oscillators Consumption Value Market Share by Region

(2019-2030)

Figure 25. North America MEMS Oscillators Consumption Value (2019-2030) & (USD Million)

Figure 26. Europe MEMS Oscillators Consumption Value (2019-2030) & (USD Million)

Figure 27. Asia-Pacific MEMS Oscillators Consumption Value (2019-2030) & (USD Million)

Figure 28. South America MEMS Oscillators Consumption Value (2019-2030) & (USD Million)

Figure 29. Middle East & Africa MEMS Oscillators Consumption Value (2019-2030) & (USD Million)

Figure 30. Global MEMS Oscillators Sales Quantity Market Share by Type (2019-2030)

Figure 31. Global MEMS Oscillators Consumption Value Market Share by Type (2019-2030)

Figure 32. Global MEMS Oscillators Average Price by Type (2019-2030) & (USD/Unit)

Figure 33. Global MEMS Oscillators Sales Quantity Market Share by Application (2019-2030)

Figure 34. Global MEMS Oscillators Consumption Value Market Share by Application (2019-2030)

Figure 35. Global MEMS Oscillators Average Price by Application (2019-2030) & (USD/Unit)

Figure 36. North America MEMS Oscillators Sales Quantity Market Share by Type (2019-2030)

Figure 37. North America MEMS Oscillators Sales Quantity Market Share by Application (2019-2030)

Figure 38. North America MEMS Oscillators Sales Quantity Market Share by Country (2019-2030)

Figure 39. North America MEMS Oscillators Consumption Value Market Share by Country (2019-2030)

Figure 40. United States MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Canada MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Mexico MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Europe MEMS Oscillators Sales Quantity Market Share by Type (2019-2030)

Figure 44. Europe MEMS Oscillators Sales Quantity Market Share by Application (2019-2030)

Figure 45. Europe MEMS Oscillators Sales Quantity Market Share by Country (2019-2030)

Figure 46. Europe MEMS Oscillators Consumption Value Market Share by Country (2019-2030)

Figure 47. Germany MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. France MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. United Kingdom MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Russia MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Italy MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Asia-Pacific MEMS Oscillators Sales Quantity Market Share by Type (2019-2030)

Figure 53. Asia-Pacific MEMS Oscillators Sales Quantity Market Share by Application (2019-2030)

Figure 54. Asia-Pacific MEMS Oscillators Sales Quantity Market Share by Region (2019-2030)

Figure 55. Asia-Pacific MEMS Oscillators Consumption Value Market Share by Region (2019-2030)

Figure 56. China MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Japan MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Korea MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. India MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Southeast Asia MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Australia MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. South America MEMS Oscillators Sales Quantity Market Share by Type (2019-2030)

Figure 63. South America MEMS Oscillators Sales Quantity Market Share by Application (2019-2030)

Figure 64. South America MEMS Oscillators Sales Quantity Market Share by Country (2019-2030)

Figure 65. South America MEMS Oscillators Consumption Value Market Share by

Country (2019-2030)

Figure 66. Brazil MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Argentina MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 68. Middle East & Africa MEMS Oscillators Sales Quantity Market Share by Type (2019-2030)

Figure 69. Middle East & Africa MEMS Oscillators Sales Quantity Market Share by Application (2019-2030)

Figure 70. Middle East & Africa MEMS Oscillators Sales Quantity Market Share by Region (2019-2030)

Figure 71. Middle East & Africa MEMS Oscillators Consumption Value Market Share by Region (2019-2030)

Figure 72. Turkey MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Egypt MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Saudi Arabia MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. South Africa MEMS Oscillators Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. MEMS Oscillators Market Drivers

Figure 77. MEMS Oscillators Market Restraints

Figure 78. MEMS Oscillators Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of MEMS Oscillators in 2023

Figure 81. Manufacturing Process Analysis of MEMS Oscillators

Figure 82. MEMS Oscillators Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

I would like to order

Product name: Global MEMS Oscillators Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G75F4F6CBC9EN.html>

Price: US\$ 3,480.00 (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/G75F4F6CBC9EN.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

