

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

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Abstracts

The crystal oscillator refers to a slice (abbreviated as a wafer) from a quartz crystal at a certain azimuth angle, a quartz crystal resonator, which is simply referred to as a quartz crystal or a crystal, and a crystal oscillator; and a crystal element in which an IC constitutes an oscillation circuit is added inside the package is called Crystal oscillator. Its products are typically packaged in a metal case and are also available in glass, ceramic or plastic.

According to our (Global Info Research) latest study, the global Quartz Oscillators market size was valued at US\$ 1524 million in 2023 and is forecast to a readjusted size of USD 1456 million by 2030 with a CAGR of -0.7% during review period.

Global Quartz Oscillators key players include Miyazaki Epson, Nihon Dempa Kogyo (NDK), TXC, etc. Global top three manufacturers hold a share about 36%. China is the largest market, with a share about 41%, followed by Japan and North America, both hold a share about 32 percent. In terms of product type, TCXO is the largest segment, with a share about 45%. And in terms of application, the largest application is Automotive, with a share of 34%.

This report is a detailed and comprehensive analysis for global Quartz Oscillators market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Quartz Oscillators market size and forecasts, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2019-2030

Global Quartz Oscillators market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2019-2030

Global Quartz Oscillators market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2019-2030

Global Quartz Oscillators market shares of main players, shipments in revenue (\$ Million), sales quantity (M Units), and ASP (USD/Unit), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Quartz Oscillators

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Quartz Oscillators market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kyocera Crystal Device (KCD), Vectron (Microchip), Seiko Epson, Rakon, TXC, Daishinku Corp (KDS), Nihon Dempa Kogyo (NDK), Murata/TEW, Diodes Incorporated, Micro Crystal, etc.

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

Market Segmentation

Quartz 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. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

TCXO

VCXO

OCXO

Others

Market segment by Application

Aerospace

Automotive

Consumer Electronics

Medical Equipments

IT & Telecommunication

Others

Major players covered

Kyocera Crystal Device (KCD)

Vectron (Microchip)

Seiko Epson

Rakon

TXC

Daishinku Corp (KDS)

Nihon Dempa Kogyo (NDK)

Murata/TEW

Diodes Incorporated

Micro Crystal

Taitien

Hosonic Electronic

River Eletec

Harmony Electronics Corp (H.ELE.)

Siward Crystal Technology

Tai-Saw Technology

Failong Crystal Technologies

Abracon

NSK (JenJaan Quartek Corporation)

Aker Technology

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 Quartz Oscillators product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Quartz 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 by Application, with sales market share and growth rate by Type, by 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 2019 to 2024. and Quartz Oscillators market forecast, by regions, by Type, and by 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 Quartz Oscillators.

Chapter 14 and 15, to describe Quartz Oscillators sales channel, distributors,

customers, research findings and conclusion.

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