

# Global Quartz Crystals and Oscillators Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Quartz Crystals and Oscillators market size is expected to reach \$ 8819.9 million by 2029, rising at a market growth of 11.6% CAGR during the forecast period (2023-2029).

Global quartz crystal oscillators companies include Seiko Epson, Nihon Dempa Kogyo (NDK), TXC, Kyocera Crystal Device (KCD) and Daishinku Corp (KDS), etc. Global top 5 companies hold a share over 43%. Japan is the largest producing area, with a share above 30%. In terms of type, the market share of quartz crystal is over 55%. In the application field, the market share of consumer electronics reaches more than 50%.

A crystal is a piece of piezoelectric material that generates an oscillating sinusoidal electric signal due to the mechanical vibration of its structure. Crystals vibrate at very precise frequencies, so they produce precisely tuned outputs. 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.

This report studies the global Quartz Crystals and Oscillators production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Quartz Crystals and Oscillators total production and demand, 2018-2029, (M Pcs)

Global Quartz Crystals and Oscillators total production value, 2018-2029, (USD Million)

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

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

U.S. VS China: Quartz Crystals and Oscillators domestic production, consumption, key domestic manufacturers and share

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

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

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

This reports profiles key players in the global Quartz Crystals and 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), Vectron (Microchip), TKD Science and Technology and Rakon, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Quartz Crystals and 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 Quartz Crystals and Oscillators Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Quartz Crystals and Oscillators Market, Segmentation by Type

SPXO

TCXO

VCXO

OCXO

Quartz Crystal

## Global Quartz Crystals and Oscillators Market, Segmentation by Application

Consumer Electronics

Automotive

Home Appliance

IT & Telecommunication

Medical Equipment

Others

### Companies Profiled:

TXC

Seiko Epson

Nihon Dempa Kogyo (NDK)

Kyocera Crystal Device (KCD)

SiTime

Daishinku Corp (KDS)

Vectron (Microchip)

TKD Science and Technology

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

AnHui Jing Sai Technology

ZheJiang East Crystal

Abracon

NSK (JenJaun Quartek Corporation)

Aker Technology

## Key Questions Answered

1. How big is the global Quartz Crystals and Oscillators market?
2. What is the demand of the global Quartz Crystals and Oscillators market?
3. What is the year over year growth of the global Quartz Crystals and Oscillators market?
4. What is the production and production value of the global Quartz Crystals and Oscillators market?

5. Who are the key producers in the global Quartz Crystals and Oscillators market?
6. What are the growth factors driving the market demand?

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