

Global Crystal Oscillators Market Size Study, By Mounting Scheme (Thru-Hole and Surface Mount), By Crystal Cut (BT, AT, and SC), By General Circuitry (VCXO, SPXO, FCXO, OCXO, and TCXO), By Application, and Regional (North America, Europe, Asia Pacific, Latin America, and Rest of the World) Forecasts, 2018-2025

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Abstracts

Global Crystal Oscillators Market to reach USD 3.83 billion by 2025.

Global Crystal Oscillators Market valued approximately USD 2.57 billion in 2016 is anticipated to grow with a healthy growth rate of more than 4.52% over the forecast period 2018-2025. The major factors speculated to augment the market are mainstream adoption of 4G /LTE networks, growing application of quartz-based consumer electronic products including radios, computers, and clocks, rising demand for advanced equipment from the healthcare industry, and increasing need for connected devices and smartphones. A crystal oscillator, particularly one made of quartz crystal, works by being distorted by an electric field when voltage is applied to an electrode near or on the crystal. This property is known as electrostriction or inverse piezoelectricity. When the field is removed, the quartz - which oscillates in a precise frequency - generates an electric field as it returns to its previous shape, and this can generate a voltage. The result is that a quartz crystal behaves like an RLC circuit.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also

caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Mounting Scheme:

Thru-Hole

Surface Mount

By General Circuitry:

VCXO

SPXO

FCXO

OCXO

TCXO

By Application:

Consumer Electronics

Industrial

Medical Equipment

IT and Telecom

Military and Aerospace

Automotive

Research and Measurement

Others

By Regions:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2015, 2016

Base year – 2017

Forecast period – 2018 to 2025

The industry is seeming to be fairly competitive. Some of the leading market players include Apple Inc., Miyazaki Epson Corp., Nihon Dempa Kogyo Co. Ltd., Samsung Electronics Co. Ltd., TXC Corp., LG Electronics Inc., Daishinku Corp., Texas Instruments Inc., Sony Corp., and Vectron International. New product launches and continuous technological innovations are also few of the key strategies adopted by the major players. Acquisitions & effective mergers are some of the strategies adopted by the key manufacturers.

Target Audience of the Crystal Oscillators Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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