

2018-2023 Global Oven Controlled Crystal Oscillator (OCXO) Consumption Market Report

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Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Oven Controlled Crystal Oscillator (OCXO) market for 2018-2023.

The OCXO is an oscillator which is temperature controlled (ovenized crystal controlled oscillator). This type of oscillator has a temperature controlling circuit to maintain the crystal and key components at a constant temperature. OCXOs are typically used when temperature stabilities on the order of $\pm 1 \times 10^{-8}$ or better are required. While this type of oscillator has a tenfold improvement over a TCXO for temperature stability, the OCXO tends to be higher in price and consumes more power. Typical power at +25°C ambient is 1.5 Watts to 2.0 Watts in a steady state condition.

After several months of survey and research, research group obtains the following conclusions:

With the development of science and technology, the market of oven controlled crystal oscillator is great. And in the high-technology ecosystem, the oven controlled crystal oscillator industry offers many benefits to the world, especially to the undeveloped countries.

There are two kinds of oven controlled crystal oscillator (SMD Shape, PIN Shape), Report data showed that 71.86% of the SMD Shape market demand in OCXO, 28.14% in PIN Shape in 2017.

Over the next five years, LPI(LP Information) projects that Oven Controlled Crystal Oscillator (OCXO) will register a 4.6% CAGR in terms of revenue, reach US\$ 180 million by 2023, from US\$ 130 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Oven Controlled Crystal Oscillator (OCXO) market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

SMD Shape

PIN Shape

Segmentation by application:

Telecom Infrastructure

Military & Space

Industrial & Medical

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

NDK

Epson

Vectron

Microcrystal

Rakon

Bliley Technologies

KDS

Taitien

CTS

Greenray Industries

NEL

IDT

Abracon

KVG

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Oven Controlled Crystal Oscillator (OCXO) consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Oven Controlled Crystal Oscillator (OCXO) market by identifying its various subsegments.

Focuses on the key global Oven Controlled Crystal Oscillator (OCXO) manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Oven Controlled Crystal Oscillator (OCXO) with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Oven Controlled Crystal Oscillator (OCXO) submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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