

# Global Oven Controlled Crystal Oscillator (OCXO) Market Research Report 2012-2024

https://marketpublishers.com/r/G122B8898F5EN.html

Date: July 2019 Pages: 80 Price: US\$ 2,500.00 (Single User License) ID: G122B8898F5EN

# Abstracts

#### SUMMARY

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.

The global Oven Controlled Crystal Oscillator (OCXO) market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

SMD Shape

**PIN Shape** 

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:



NDK

Epson

Vectron

Microcrystal

Rakon

Bliley Technologies

KDS

Taitien

CTS

**Greenray Industries** 

NEL

IDT

Abracon

KVG

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

**Telecom Infrastructure** 

Military & Space

Industrial & Medical

Others



Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa



# Contents

### **1 MARKET OVERVIEW**

- 1.1 Objectives of Research
- 1.1.1 Definition
- 1.1.2 Specifications
- 1.2 Market Segment
- 1.2.1 by Type
  - 1.2.1.1 SMD Shape
  - 1.2.1.2 PIN Shape
- 1.2.2 by Application
  - 1.2.2.1 Telecom Infrastructure
  - 1.2.2.2 Military & Space
- 1.2.2.3 Industrial & Medical
- 1.2.2.4 Others
- 1.2.3 by Regions

### **2 INDUSTRY CHAIN**

2.1 Industry Chain Structure2.2 Upstream2.3 Market2.3.1 SWOT2.3.2 Dynamics

#### **3 ENVIRONMENTAL ANALYSIS**

- 3.1 Policy
- 3.2 Economic
- 3.3 Technology
- 3.4 Market Entry

#### **4 MARKET SEGMENTATION BY TYPE**

- 4.1 Market Size
  - 4.1.1 SMD Shape Market, 2013-2018
- 4.1.2 PIN Shape Market, 2013-2018
- 4.2 Market Forecast

Global Oven Controlled Crystal Oscillator (OCXO) Market Research Report 2012-2024



- 4.2.1 SMD Shape Market Forecast, 2019-2024
- 4.2.2 PIN Shape Market Forecast, 2019-2024

### **5 MARKET SEGMENTATION BY APPLICATION**

#### 5.1 Market Size

- 5.1.1 Telecom Infrastructure Market, 2013-2018
- 5.1.2 Military & Space Market, 2013-2018
- 5.1.3 Industrial & Medical Market, 2013-2018
- 5.1.4 Others Market, 2013-2018
- 5.2 Market Forecast
  - 5.2.1 Telecom Infrastructure Market Forecast, 2019-2024
  - 5.2.2 Military & Space Market Forecast, 2019-2024
  - 5.2.3 Industrial & Medical Market Forecast, 2019-2024
  - 5.2.4 Others Market Forecast, 2019-2024

## **6 MARKET SEGMENTATION BY REGION**

- 6.1 Market Size
  - 6.1.1 Asia-Pacific
    - 6.1.1.1 Asia-Pacific Market, 2012-2018
    - 6.1.1.2 Asia-Pacific Market by Type
    - 6.1.1.3 Asia-Pacific Market by Application

6.1.2 North America

- 6.1.2.1 North America Market, 2012-2018
- 6.1.2.2 North America Market by Type
- 6.1.2.3 North America Market by Application
- 6.1.3 Europe
- 6.1.3.1 Europe Market, 2012-2018
- 6.1.3.2 Europe Market by Type
- 6.1.3.3 Europe Market by Application
- 6.1.4 South America
- 6.1.4.1 South America Market, 2012-2018
- 6.1.4.2 South America Market by Type
- 6.1.4.3 South America Market by Application
- 6.1.5 Middle East & Africa
  - 6.1.5.1 Middle East & Africa Market, 2012-2018
  - 6.1.5.2 Middle East & Africa Market by Type
  - 6.1.5.3 Middle East & Africa Market by Application



#### 6.2 Market Forecast

- 6.2.1 Asia-Pacific Market Forecast, 2019-2024
- 6.2.2 North America Market Forecast, 2019-2024
- 6.2.3 Europe Market Forecast, 2019-2024
- 6.2.4 South America Market Forecast, 2019-2024
- 6.2.5 Middle East & Africa Market Forecast, 2019-2024

### **7 MARKET COMPETITIVE**

- 7.1 Global Market by Vendors
- 7.2 Market Concentration
- 7.3 Price & Factors
- 7.4 Marketing Channel

#### **8 MAJOR VENDORS**

- 8.1 NDK
- 8.2 Epson
- 8.3 Vectron
- 8.4 Microcrystal
- 8.5 Rakon
- 8.6 Bliley Technologies
- 8.7 KDS
- 8.8 Taitien
- 8.9 CTS
- 8.10 Greenray Industries
- 8.11 NEL
- 8.12 IDT
- 8.13 Abracon
- 8.14 KVG

#### 9 CONCLUSION



# **List Of Tables**

# LIST OF TABLES

Table Product Specifications of Oven Controlled Crystal Oscillator (OCXO)

Table Products Segment of Oven Controlled Crystal Oscillator (OCXO)

Table SMD Shape Overview

Table PIN Shape Overview

Table Global Oven Controlled Crystal Oscillator (OCXO) Market by Type, 2011-2022 (USD Million)

Table Application Segment of Oven Controlled Crystal Oscillator (OCXO)

Table Telecom Infrastructure Overview

Table Military & Space Overview

Table Industrial & Medical Overview

Table Others Overview

Table Global Oven Controlled Crystal Oscillator (OCXO) Market by Application,

2011-2022 (USD Million)

Table Global Oven Controlled Crystal Oscillator (OCXO) Market by Region, 2011-2022 (USD Million)

Table Cost of Oven Controlled Crystal Oscillator (OCXO)

Table Market Dynamics

Table Policy of Oven Controlled Crystal Oscillator (OCXO)

Table GDP of Major Countries

Table SMD Shape CAGR by Revenue and Volume, 2012-2018

Table PIN Shape CAGR by Revenue and Volume, 2012-2018

Table SMD Shape CAGR by Revenue and Volume, 2012-2024

Table PIN Shape CAGR by Revenue and Volume, 2012-2024

Table Telecom Infrastructure CAGR by Revenue and Volume, 2012-2018

Table Military & Space CAGR by Revenue and Volume, 2012-2018

Table Industrial & Medical CAGR by Revenue and Volume, 2012-2018

Table Others CAGR by Revenue and Volume, 2012-2018

Table Global Oven Controlled Crystal Oscillator (OCXO) Market by Vendors, 2012-2018 (USD Million)

Table Global Oven Controlled Crystal Oscillator (OCXO) Market by Vendors, 2012-2018 (in Volume)

Table Global Oven Controlled Crystal Oscillator (OCXO) Market Share by Vendors, 2012-2018 (USD Million)

Table Global Oven Controlled Crystal Oscillator (OCXO) Market Share by Vendors, 2012-2018 (in Volume)



**Table Price Factors List** Table NDK Profile List Table Microecological Modulator Operating Data of NDK (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Epson Profile List Table Microecological Modulator Operating Data of Epson (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Vectron Profile List Table Microecological Modulator Operating Data of Vectron (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Microcrystal Profile List Table Microecological Modulator Operating Data of Microcrystal (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Rakon Profile List Table Microecological Modulator Operating Data of Rakon (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Bliley Technologies Profile List Table Microecological Modulator Operating Data of Bliley Technologies (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table KDS Profile List Table Microecological Modulator Operating Data of KDS (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) **Table Taitien Profile List** Table Microecological Modulator Operating Data of Taitien (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table CTS Profile List Table Microecological Modulator Operating Data of CTS (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table Greenray Industries Profile List Table Microecological Modulator Operating Data of Greenray Industries (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table NEL Profile List Table Microecological Modulator Operating Data of NEL (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) Table IDT Profile List Table Microecological Modulator Operating Data of IDT (Sales Revenue, Sales Volume, Price, Cost, Gross Margin) **Table Abracon Profile List** Table Microecological Modulator Operating Data of Abracon (Sales Revenue, Sales



Volume, Price, Cost, Gross Margin) Table KVG Profile List Table Microecological Modulator Operating Data of KVG (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)



# **List Of Figures**

#### LIST OF FIGURES

Figure Oven Controlled Crystal Oscillator (OCXO) Picture Figure Industry Chain Structure of Oven Controlled Crystal Oscillator (OCXO) Figure SWOT of Oven Controlled Crystal Oscillator (OCXO) Figure SMD Shape Market Size and Growth, 2012-2018 (USD Million) Figure SMD Shape Market Size and Growth, 2012-2018 (in Volume) Figure PIN Shape Market Size and Growth, 2012-2018 (USD Million) Figure PIN Shape Market Size and Growth, 2012-2018 (in Volume) Figure SMD Shape Market Estimates and Forecasts, 2019-2024 (USD Million) Figure SMD Shape Market Estimates and Forecasts, 2019-2024 (in Volume) Figure PIN Shape Market Estimates and Forecasts, 2019-2024 (USD Million) Figure PIN Shape Market Estimates and Forecasts, 2019-2024 (in Volume) Figure Telecom Infrastructure Market Size and Growth, 2012-2018 (USD Million) Figure Market Size and Growth, 2012-2018 (in Volume) Figure Military & Space Market Size and Growth, 2012-2018 (USD Million) Figure Market Size and Growth, 2012-2018 (in Volume) Figure Industrial & Medical Market Size and Growth, 2012-2018 (USD Million) Figure Market Size and Growth, 2012-2018 (in Volume) Figure Others Market Size and Growth, 2012-2018 (USD Million) Figure Market Size and Growth, 2012-2018 (in Volume) Figure Asia-Pacific Market Size and Growth, 2012-2018 (USD Million) Figure Asia-Pacific Market Size and Growth, 2012-2018 (in Volume) Figure Asia-Pacific Market Size by Type Figure Asia-Pacific Market Share by Type Figure Asia-Pacific Market Size by Application Figure Asia-Pacific Market Share by Application Figure North America Market Size and Growth, 2012-2018 (USD Million) Figure North America Market Size and Growth, 2012-2018 (in Volume) Figure North America Market Size by Type Figure North America Market Share by Type Figure North America Market Size by Application Figure North America Market Share by Application Figure Europe Market Size and Growth, 2012-2018 (USD Million) Figure Europe Market Size and Growth, 2012-2018 (in Volume) Figure Europe Market Size by Type Figure Europe Market Share by Type



Figure Europe Market Size by Application Figure Europe Market Share by Application Figure South America Market Size and Growth, 2012-2018 (USD Million) Figure South America Market Size and Growth, 2012-2018 (in Volume) Figure South America Market Size by Type Figure South America Market Share by Type Figure South America Market Size by Application Figure South America Market Share by Application Figure Middle East & Africa Market Size and Growth, 2012-2018 (USD Million) Figure Middle East & Africa Market Size and Growth, 2012-2018 (in Volume) Figure Middle East & Africa Market Size by Type Figure Middle East & Africa Market Share by Type Figure Middle East & Africa Market Size by Application Figure Middle East & Africa Market Share by Application Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (USD Million) Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (in Volume) Figure North America Market Estimates and Forecasts, 2019-2024 (USD Million) Figure North America Market Estimates and Forecasts, 2019-2024 (in Volume) Figure Europe Market Estimates and Forecasts, 2019-2024 (USD Million) Figure Europe Market Estimates and Forecasts, 2019-2024 (in Volume) Figure South America Market Estimates and Forecasts, 2019-2024 (USD Million) Figure South America Market Estimates and Forecasts, 2019-2024 (in Volume) Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (USD Million) Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (in Volume) Figure Oven Controlled Crystal Oscillator (OCXO) Market Concentration by Region Figure Marketing Channels Overview



#### I would like to order

Product name: Global Oven Controlled Crystal Oscillator (OCXO) Market Research Report 2012-2024 Product link: <u>https://marketpublishers.com/r/G122B8898F5EN.html</u>

Price: US\$ 2,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G122B8898F5EN.html</u>

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

Custumer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

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