

# United States VCO (Voltage Controlled Oscillator) Market by Manufacturers, States, Type and Application, Forecast to 2022

<https://marketpublishers.com/r/U671B8771F7EN.html>

Date: February 2017

Pages: 118

Price: US\$ 4,480.00 (Single User License)

ID: U671B8771F7EN

## Abstracts

A voltage-controlled oscillator or VCO is an electronic oscillator whose oscillation frequency is controlled by a voltage input. The applied input voltage determines the instantaneous oscillation frequency. Consequently, modulating signals applied to control input may cause frequency modulation (FM) or phase modulation (PM). A VCO may also be part of a phase-locked loop.

Scope of the Report:

This report focuses on the VCO (Voltage Controlled Oscillator) in United States market, to split the market based on manufacturers, states, type and application.

Market Segment by Manufacturers, this report covers

SiTime

Epson

TXC

KDS Daishinku

KYOCERA Crystal Device

Silicon Labs

Fox Enterprises

Interquip

Fronter Electronics

JTC

SJK

ON Semiconductor

Z-Communications

MACOM

Crystek

MARUWA

FUJITSU

Analog Devices

Semtech

Linear Technology

RFMD

Synergy Microwave

BOWEI

Seekon Microwave

New Chengshi Electronic

Market Segment by States, covering

California

Texas

New York

Florida

Illinois

Market Segment by Type, covers

Quartz Oscillator

Silicon Oscillator

Market Segment by Applications, can be divided into

Consumer Electronics

Networking & Telecom

Industrial

There are 17 Chapters to deeply display the United States VCO (Voltage Controlled Oscillator) market.

Chapter 1, to describe VCO (Voltage Controlled Oscillator) Introduction, product type and application, market overview, market analysis by States, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of VCO (Voltage Controlled Oscillator), with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the United States market by States, covering California, New York, Texas, Illinois and Florida, with sales, price, revenue and market share of VCO (Voltage Controlled Oscillator), for each state, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8, 9, 10 and 11, to analyze the key States by Type and Application, covering California, New York, Texas, Illinois and Florida, with sales, revenue and market share by types and applications;

Chapter 12, VCO (Voltage Controlled Oscillator) market forecast, by States, type and application, with sales, price, revenue and growth rate forecast, from 2017 to 2022;

Chapter 13, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 14, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 15, to describe sales channel, distributors, traders, dealers etc.

Chapter 16 and 17, to describe VCO (Voltage Controlled Oscillator) Research Findings and Conclusion, Appendix, methodology and data source.

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