

Global Quartz Voltage-Controlled Crystal and Oscillators Market Growth 2024-2030

<https://marketpublishers.com/r/G595CD06F16FEN.html>

Date: July 2024

Pages: 221

Price: US\$ 3,660.00 (Single User License)

ID: G595CD06F16FEN

Abstracts

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

The global Quartz Voltage-Controlled Crystal and Oscillators market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Quartz Voltage-Controlled Crystal and Oscillators Industry Forecast” looks at past sales and reviews total world Quartz Voltage-Controlled Crystal and Oscillators sales in 2023, providing a comprehensive analysis by region and market sector of projected Quartz Voltage-Controlled Crystal and Oscillators sales for 2024 through 2030. With Quartz Voltage-Controlled Crystal and Oscillators sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Quartz Voltage-Controlled Crystal and Oscillators industry.

This Insight Report provides a comprehensive analysis of the global Quartz Voltage-Controlled Crystal and Oscillators landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Quartz Voltage-Controlled Crystal and Oscillators portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Quartz Voltage-Controlled Crystal and Oscillators market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Quartz Voltage-Controlled Crystal and Oscillators and

breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Quartz Voltage-Controlled Crystal and Oscillators.

United States market for Quartz Voltage-Controlled Crystal and Oscillators is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Quartz Voltage-Controlled Crystal and Oscillators is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Quartz Voltage-Controlled Crystal and Oscillators is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Quartz Voltage-Controlled Crystal and Oscillators players cover Seiko Epson Corp, TXC Corporation, NDK, KCD, KDS, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Quartz Voltage-Controlled Crystal and Oscillators market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Through-Hole

Surface Mount

Segmentation by Application:

Telecom & Networking

Military & Aerospace

Industrial

Medical

Consumer Electronics

Research & Measurement

Automotive

Others

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

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Seiko Epson Corp

TXC Corporation

NDK

KCD

KDS

Microchip

SiTime

TKD Science

Rakon

Murata Manufacturing

Harmony

Hosonic Electronic

Siward Crystal Technology

Micro Crystal

Failong Crystal Technologies

Taitien

River Eletec Corporation

ZheJiang East Crystal

Guoxin Micro

Diode-Pericom/Saronix

CONNOR-WINFIELD

MTRON PTI

IDT (Formerly FOX)

MTI

Q-TECH

Bliley Technologies

Raltron

NEL FREQUENCY

CRYSTEK

WENZEL

CTS

GREENRAY

STATEK

MORION

KVG

Key Questions Addressed in this Report

What is the 10-year outlook for the global Quartz Voltage-Controlled Crystal and Oscillators market?

What factors are driving Quartz Voltage-Controlled Crystal and Oscillators market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Quartz Voltage-Controlled Crystal and Oscillators market opportunities vary by end market size?

How does Quartz Voltage-Controlled Crystal and Oscillators break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Quartz Voltage-Controlled Crystal and Oscillators Annual Sales 2019-2030

- 2.1.2 World Current & Future Analysis for Quartz Voltage-Controlled Crystal and Oscillators by Geographic Region, 2019, 2023 & 2030

- 2.1.3 World Current & Future Analysis for Quartz Voltage-Controlled Crystal and Oscillators by Country/Region, 2019, 2023 & 2030

2.2 Quartz Voltage-Controlled Crystal and Oscillators Segment by Type

- 2.2.1 Through-Hole

- 2.2.2 Surface Mount

2.3 Quartz Voltage-Controlled Crystal and Oscillators Sales by Type

- 2.3.1 Global Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Type (2019-2024)

- 2.3.2 Global Quartz Voltage-Controlled Crystal and Oscillators Revenue and Market Share by Type (2019-2024)

- 2.3.3 Global Quartz Voltage-Controlled Crystal and Oscillators Sale Price by Type (2019-2024)

2.4 Quartz Voltage-Controlled Crystal and Oscillators Segment by Application

- 2.4.1 Telecom & Networking

- 2.4.2 Military & Aerospace

- 2.4.3 Industrial

- 2.4.4 Medical

- 2.4.5 Consumer Electronics

- 2.4.6 Research & Measurement

2.4.7 Automotive

2.4.8 Others

2.5 Quartz Voltage-Controlled Crystal and Oscillators Sales by Application

2.5.1 Global Quartz Voltage-Controlled Crystal and Oscillators Sale Market Share by Application (2019-2024)

2.5.2 Global Quartz Voltage-Controlled Crystal and Oscillators Revenue and Market Share by Application (2019-2024)

2.5.3 Global Quartz Voltage-Controlled Crystal and Oscillators Sale Price by Application (2019-2024)

3 GLOBAL BY COMPANY

3.1 Global Quartz Voltage-Controlled Crystal and Oscillators Breakdown Data by Company

3.1.1 Global Quartz Voltage-Controlled Crystal and Oscillators Annual Sales by Company (2019-2024)

3.1.2 Global Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Company (2019-2024)

3.2 Global Quartz Voltage-Controlled Crystal and Oscillators Annual Revenue by Company (2019-2024)

3.2.1 Global Quartz Voltage-Controlled Crystal and Oscillators Revenue by Company (2019-2024)

3.2.2 Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Company (2019-2024)

3.3 Global Quartz Voltage-Controlled Crystal and Oscillators Sale Price by Company

3.4 Key Manufacturers Quartz Voltage-Controlled Crystal and Oscillators Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Quartz Voltage-Controlled Crystal and Oscillators Product Location Distribution

3.4.2 Players Quartz Voltage-Controlled Crystal and Oscillators Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR QUARTZ VOLTAGE-CONTROLLED CRYSTAL AND OSCILLATORS BY GEOGRAPHIC REGION

4.1 World Historic Quartz Voltage-Controlled Crystal and Oscillators Market Size by Geographic Region (2019-2024)

4.1.1 Global Quartz Voltage-Controlled Crystal and Oscillators Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Quartz Voltage-Controlled Crystal and Oscillators Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Quartz Voltage-Controlled Crystal and Oscillators Market Size by Country/Region (2019-2024)

4.2.1 Global Quartz Voltage-Controlled Crystal and Oscillators Annual Sales by Country/Region (2019-2024)

4.2.2 Global Quartz Voltage-Controlled Crystal and Oscillators Annual Revenue by Country/Region (2019-2024)

4.3 Americas Quartz Voltage-Controlled Crystal and Oscillators Sales Growth

4.4 APAC Quartz Voltage-Controlled Crystal and Oscillators Sales Growth

4.5 Europe Quartz Voltage-Controlled Crystal and Oscillators Sales Growth

4.6 Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Sales Growth

5 AMERICAS

5.1 Americas Quartz Voltage-Controlled Crystal and Oscillators Sales by Country

5.1.1 Americas Quartz Voltage-Controlled Crystal and Oscillators Sales by Country (2019-2024)

5.1.2 Americas Quartz Voltage-Controlled Crystal and Oscillators Revenue by Country (2019-2024)

5.2 Americas Quartz Voltage-Controlled Crystal and Oscillators Sales by Type (2019-2024)

5.3 Americas Quartz Voltage-Controlled Crystal and Oscillators Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Quartz Voltage-Controlled Crystal and Oscillators Sales by Region

6.1.1 APAC Quartz Voltage-Controlled Crystal and Oscillators Sales by Region (2019-2024)

6.1.2 APAC Quartz Voltage-Controlled Crystal and Oscillators Revenue by Region (2019-2024)

6.2 APAC Quartz Voltage-Controlled Crystal and Oscillators Sales by Type (2019-2024)

6.3 APAC Quartz Voltage-Controlled Crystal and Oscillators Sales by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Quartz Voltage-Controlled Crystal and Oscillators by Country

7.1.1 Europe Quartz Voltage-Controlled Crystal and Oscillators Sales by Country (2019-2024)

7.1.2 Europe Quartz Voltage-Controlled Crystal and Oscillators Revenue by Country (2019-2024)

7.2 Europe Quartz Voltage-Controlled Crystal and Oscillators Sales by Type (2019-2024)

7.3 Europe Quartz Voltage-Controlled Crystal and Oscillators Sales by Application (2019-2024)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators by Country

8.1.1 Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Sales by Country (2019-2024)

8.1.2 Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Revenue by Country (2019-2024)

8.2 Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Sales by Type (2019-2024)

8.3 Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Sales by Application (2019-2024)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Quartz Voltage-Controlled Crystal and Oscillators

10.3 Manufacturing Process Analysis of Quartz Voltage-Controlled Crystal and Oscillators

10.4 Industry Chain Structure of Quartz Voltage-Controlled Crystal and Oscillators

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Quartz Voltage-Controlled Crystal and Oscillators Distributors

11.3 Quartz Voltage-Controlled Crystal and Oscillators Customer

12 WORLD FORECAST REVIEW FOR QUARTZ VOLTAGE-CONTROLLED CRYSTAL AND OSCILLATORS BY GEOGRAPHIC REGION

12.1 Global Quartz Voltage-Controlled Crystal and Oscillators Market Size Forecast by Region

12.1.1 Global Quartz Voltage-Controlled Crystal and Oscillators Forecast by Region (2025-2030)

12.1.2 Global Quartz Voltage-Controlled Crystal and Oscillators Annual Revenue

Forecast by Region (2025-2030)

12.2 Americas Forecast by Country (2025-2030)

12.3 APAC Forecast by Region (2025-2030)

12.4 Europe Forecast by Country (2025-2030)

12.5 Middle East & Africa Forecast by Country (2025-2030)

12.6 Global Quartz Voltage-Controlled Crystal and Oscillators Forecast by Type (2025-2030)

12.7 Global Quartz Voltage-Controlled Crystal and Oscillators Forecast by Application (2025-2030)

13 KEY PLAYERS ANALYSIS

13.1 Seiko Epson Corp

13.1.1 Seiko Epson Corp Company Information

13.1.2 Seiko Epson Corp Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.1.3 Seiko Epson Corp Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Seiko Epson Corp Main Business Overview

13.1.5 Seiko Epson Corp Latest Developments

13.2 TXC Corporation

13.2.1 TXC Corporation Company Information

13.2.2 TXC Corporation Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.2.3 TXC Corporation Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 TXC Corporation Main Business Overview

13.2.5 TXC Corporation Latest Developments

13.3 NDK

13.3.1 NDK Company Information

13.3.2 NDK Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.3.3 NDK Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 NDK Main Business Overview

13.3.5 NDK Latest Developments

13.4 KCD

13.4.1 KCD Company Information

13.4.2 KCD Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and

Specifications

13.4.3 KCD Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 KCD Main Business Overview

13.4.5 KCD Latest Developments

13.5 KDS

13.5.1 KDS Company Information

13.5.2 KDS Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.5.3 KDS Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 KDS Main Business Overview

13.5.5 KDS Latest Developments

13.6 Microchip

13.6.1 Microchip Company Information

13.6.2 Microchip Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.6.3 Microchip Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Microchip Main Business Overview

13.6.5 Microchip Latest Developments

13.7 SiTime

13.7.1 SiTime Company Information

13.7.2 SiTime Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.7.3 SiTime Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 SiTime Main Business Overview

13.7.5 SiTime Latest Developments

13.8 TKD Science

13.8.1 TKD Science Company Information

13.8.2 TKD Science Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.8.3 TKD Science Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 TKD Science Main Business Overview

13.8.5 TKD Science Latest Developments

13.9 Rakon

13.9.1 Rakon Company Information

13.9.2 Rakon Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.9.3 Rakon Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 Rakon Main Business Overview

13.9.5 Rakon Latest Developments

13.10 Murata Manufacturing

13.10.1 Murata Manufacturing Company Information

13.10.2 Murata Manufacturing Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.10.3 Murata Manufacturing Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Murata Manufacturing Main Business Overview

13.10.5 Murata Manufacturing Latest Developments

13.11 Harmony

13.11.1 Harmony Company Information

13.11.2 Harmony Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.11.3 Harmony Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Harmony Main Business Overview

13.11.5 Harmony Latest Developments

13.12 Hosonic Electronic

13.12.1 Hosonic Electronic Company Information

13.12.2 Hosonic Electronic Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.12.3 Hosonic Electronic Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 Hosonic Electronic Main Business Overview

13.12.5 Hosonic Electronic Latest Developments

13.13 Siward Crystal Technology

13.13.1 Siward Crystal Technology Company Information

13.13.2 Siward Crystal Technology Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.13.3 Siward Crystal Technology Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Siward Crystal Technology Main Business Overview

13.13.5 Siward Crystal Technology Latest Developments

13.14 Micro Crystal

- 13.14.1 Micro Crystal Company Information
- 13.14.2 Micro Crystal Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
- 13.14.3 Micro Crystal Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.14.4 Micro Crystal Main Business Overview
- 13.14.5 Micro Crystal Latest Developments
- 13.15 Failong Crystal Technologies
 - 13.15.1 Failong Crystal Technologies Company Information
 - 13.15.2 Failong Crystal Technologies Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.15.3 Failong Crystal Technologies Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.15.4 Failong Crystal Technologies Main Business Overview
 - 13.15.5 Failong Crystal Technologies Latest Developments
- 13.16 Taitien
 - 13.16.1 Taitien Company Information
 - 13.16.2 Taitien Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.16.3 Taitien Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.16.4 Taitien Main Business Overview
 - 13.16.5 Taitien Latest Developments
- 13.17 River Eletec Corporation
 - 13.17.1 River Eletec Corporation Company Information
 - 13.17.2 River Eletec Corporation Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.17.3 River Eletec Corporation Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.17.4 River Eletec Corporation Main Business Overview
 - 13.17.5 River Eletec Corporation Latest Developments
- 13.18 ZheJiang East Crystal
 - 13.18.1 ZheJiang East Crystal Company Information
 - 13.18.2 ZheJiang East Crystal Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.18.3 ZheJiang East Crystal Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.18.4 ZheJiang East Crystal Main Business Overview
 - 13.18.5 ZheJiang East Crystal Latest Developments

13.19 Guoxin Micro

13.19.1 Guoxin Micro Company Information

13.19.2 Guoxin Micro Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.19.3 Guoxin Micro Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.19.4 Guoxin Micro Main Business Overview

13.19.5 Guoxin Micro Latest Developments

13.20 Diode-Pericom/Saronix

13.20.1 Diode-Pericom/Saronix Company Information

13.20.2 Diode-Pericom/Saronix Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.20.3 Diode-Pericom/Saronix Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.20.4 Diode-Pericom/Saronix Main Business Overview

13.20.5 Diode-Pericom/Saronix Latest Developments

13.21 CONNOR-WINFIELD

13.21.1 CONNOR-WINFIELD Company Information

13.21.2 CONNOR-WINFIELD Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.21.3 CONNOR-WINFIELD Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.21.4 CONNOR-WINFIELD Main Business Overview

13.21.5 CONNOR-WINFIELD Latest Developments

13.22 MTRON PTI

13.22.1 MTRON PTI Company Information

13.22.2 MTRON PTI Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.22.3 MTRON PTI Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.22.4 MTRON PTI Main Business Overview

13.22.5 MTRON PTI Latest Developments

13.23 IDT (Formerly FOX)

13.23.1 IDT (Formerly FOX) Company Information

13.23.2 IDT (Formerly FOX) Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.23.3 IDT (Formerly FOX) Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.23.4 IDT (Formerly FOX) Main Business Overview

- 13.23.5 IDT (Formerly FOX) Latest Developments
- 13.24 MTI
 - 13.24.1 MTI Company Information
 - 13.24.2 MTI Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.24.3 MTI Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.24.4 MTI Main Business Overview
 - 13.24.5 MTI Latest Developments
- 13.25 Q-TECH
 - 13.25.1 Q-TECH Company Information
 - 13.25.2 Q-TECH Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.25.3 Q-TECH Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.25.4 Q-TECH Main Business Overview
 - 13.25.5 Q-TECH Latest Developments
- 13.26 Bliley Technologies
 - 13.26.1 Bliley Technologies Company Information
 - 13.26.2 Bliley Technologies Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.26.3 Bliley Technologies Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.26.4 Bliley Technologies Main Business Overview
 - 13.26.5 Bliley Technologies Latest Developments
- 13.27 Raltron
 - 13.27.1 Raltron Company Information
 - 13.27.2 Raltron Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.27.3 Raltron Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.27.4 Raltron Main Business Overview
 - 13.27.5 Raltron Latest Developments
- 13.28 NEL FREQUENCY
 - 13.28.1 NEL FREQUENCY Company Information
 - 13.28.2 NEL FREQUENCY Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.28.3 NEL FREQUENCY Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.28.4 NEL FREQUENCY Main Business Overview
- 13.28.5 NEL FREQUENCY Latest Developments
- 13.29 CRYSTEK
 - 13.29.1 CRYSTEK Company Information
 - 13.29.2 CRYSTEK Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.29.3 CRYSTEK Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.29.4 CRYSTEK Main Business Overview
 - 13.29.5 CRYSTEK Latest Developments
- 13.30 WENZEL
 - 13.30.1 WENZEL Company Information
 - 13.30.2 WENZEL Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.30.3 WENZEL Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.30.4 WENZEL Main Business Overview
 - 13.30.5 WENZEL Latest Developments
- 13.31 CTS
 - 13.31.1 CTS Company Information
 - 13.31.2 CTS Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.31.3 CTS Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.31.4 CTS Main Business Overview
 - 13.31.5 CTS Latest Developments
- 13.32 GREENRAY
 - 13.32.1 GREENRAY Company Information
 - 13.32.2 GREENRAY Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.32.3 GREENRAY Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.32.4 GREENRAY Main Business Overview
 - 13.32.5 GREENRAY Latest Developments
- 13.33 STATEK
 - 13.33.1 STATEK Company Information
 - 13.33.2 STATEK Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications
 - 13.33.3 STATEK Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue,

Price and Gross Margin (2019-2024)

13.33.4 STATEK Main Business Overview

13.33.5 STATEK Latest Developments

13.34 MORION

13.34.1 MORION Company Information

13.34.2 MORION Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.34.3 MORION Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.34.4 MORION Main Business Overview

13.34.5 MORION Latest Developments

13.35 KVG

13.35.1 KVG Company Information

13.35.2 KVG Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

13.35.3 KVG Quartz Voltage-Controlled Crystal and Oscillators Sales, Revenue, Price and Gross Margin (2019-2024)

13.35.4 KVG Main Business Overview

13.35.5 KVG Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Quartz Voltage-Controlled Crystal and Oscillators Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Quartz Voltage-Controlled Crystal and Oscillators Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Through-Hole

Table 4. Major Players of Surface Mount

Table 5. Global Quartz Voltage-Controlled Crystal and Oscillators Sales by Type (2019-2024) & (K Units)

Table 6. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Type (2019-2024)

Table 7. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue by Type (2019-2024) & (\$ million)

Table 8. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Type (2019-2024)

Table 9. Global Quartz Voltage-Controlled Crystal and Oscillators Sale Price by Type (2019-2024) & (US\$/Unit)

Table 10. Global Quartz Voltage-Controlled Crystal and Oscillators Sale by Application (2019-2024) & (K Units)

Table 11. Global Quartz Voltage-Controlled Crystal and Oscillators Sale Market Share by Application (2019-2024)

Table 12. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue by Application (2019-2024) & (\$ million)

Table 13. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Application (2019-2024)

Table 14. Global Quartz Voltage-Controlled Crystal and Oscillators Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global Quartz Voltage-Controlled Crystal and Oscillators Sales by Company (2019-2024) & (K Units)

Table 16. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Company (2019-2024)

Table 17. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue by Company (2019-2024) & (\$ millions)

Table 18. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Company (2019-2024)

Table 19. Global Quartz Voltage-Controlled Crystal and Oscillators Sale Price by

Company (2019-2024) & (US\$/Unit)

Table 20. Key Manufacturers Quartz Voltage-Controlled Crystal and Oscillators Producing Area Distribution and Sales Area

Table 21. Players Quartz Voltage-Controlled Crystal and Oscillators Products Offered

Table 22. Quartz Voltage-Controlled Crystal and Oscillators Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Quartz Voltage-Controlled Crystal and Oscillators Sales by Geographic Region (2019-2024) & (K Units)

Table 26. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share Geographic Region (2019-2024)

Table 27. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Quartz Voltage-Controlled Crystal and Oscillators Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Country/Region (2019-2024)

Table 31. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Quartz Voltage-Controlled Crystal and Oscillators Sales by Country (2019-2024) & (K Units)

Table 34. Americas Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Country (2019-2024)

Table 35. Americas Quartz Voltage-Controlled Crystal and Oscillators Revenue by Country (2019-2024) & (\$ millions)

Table 36. Americas Quartz Voltage-Controlled Crystal and Oscillators Sales by Type (2019-2024) & (K Units)

Table 37. Americas Quartz Voltage-Controlled Crystal and Oscillators Sales by Application (2019-2024) & (K Units)

Table 38. APAC Quartz Voltage-Controlled Crystal and Oscillators Sales by Region (2019-2024) & (K Units)

Table 39. APAC Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Region (2019-2024)

Table 40. APAC Quartz Voltage-Controlled Crystal and Oscillators Revenue by Region

(2019-2024) & (\$ millions)

Table 41. APAC Quartz Voltage-Controlled Crystal and Oscillators Sales by Type (2019-2024) & (K Units)

Table 42. APAC Quartz Voltage-Controlled Crystal and Oscillators Sales by Application (2019-2024) & (K Units)

Table 43. Europe Quartz Voltage-Controlled Crystal and Oscillators Sales by Country (2019-2024) & (K Units)

Table 44. Europe Quartz Voltage-Controlled Crystal and Oscillators Revenue by Country (2019-2024) & (\$ millions)

Table 45. Europe Quartz Voltage-Controlled Crystal and Oscillators Sales by Type (2019-2024) & (K Units)

Table 46. Europe Quartz Voltage-Controlled Crystal and Oscillators Sales by Application (2019-2024) & (K Units)

Table 47. Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Sales by Country (2019-2024) & (K Units)

Table 48. Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Country (2019-2024)

Table 49. Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Sales by Type (2019-2024) & (K Units)

Table 50. Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Sales by Application (2019-2024) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Quartz Voltage-Controlled Crystal and Oscillators

Table 52. Key Market Challenges & Risks of Quartz Voltage-Controlled Crystal and Oscillators

Table 53. Key Industry Trends of Quartz Voltage-Controlled Crystal and Oscillators

Table 54. Quartz Voltage-Controlled Crystal and Oscillators Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Quartz Voltage-Controlled Crystal and Oscillators Distributors List

Table 57. Quartz Voltage-Controlled Crystal and Oscillators Customer List

Table 58. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Forecast by Region (2025-2030) & (K Units)

Table 59. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 60. Americas Quartz Voltage-Controlled Crystal and Oscillators Sales Forecast by Country (2025-2030) & (K Units)

Table 61. Americas Quartz Voltage-Controlled Crystal and Oscillators Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 62. APAC Quartz Voltage-Controlled Crystal and Oscillators Sales Forecast by

Region (2025-2030) & (K Units)

Table 63. APAC Quartz Voltage-Controlled Crystal and Oscillators Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 64. Europe Quartz Voltage-Controlled Crystal and Oscillators Sales Forecast by Country (2025-2030) & (K Units)

Table 65. Europe Quartz Voltage-Controlled Crystal and Oscillators Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 66. Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Sales Forecast by Country (2025-2030) & (K Units)

Table 67. Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Forecast by Type (2025-2030) & (K Units)

Table 69. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 70. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Forecast by Application (2025-2030) & (K Units)

Table 71. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 72. Seiko Epson Corp Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 73. Seiko Epson Corp Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 74. Seiko Epson Corp Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 75. Seiko Epson Corp Main Business

Table 76. Seiko Epson Corp Latest Developments

Table 77. TXC Corporation Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 78. TXC Corporation Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 79. TXC Corporation Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 80. TXC Corporation Main Business

Table 81. TXC Corporation Latest Developments

Table 82. NDK Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 83. NDK Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 84. NDK Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 85. NDK Main Business

Table 86. NDK Latest Developments

Table 87. KCD Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 88. KCD Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 89. KCD Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 90. KCD Main Business

Table 91. KCD Latest Developments

Table 92. KDS Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 93. KDS Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 94. KDS Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 95. KDS Main Business

Table 96. KDS Latest Developments

Table 97. Microchip Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 98. Microchip Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 99. Microchip Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 100. Microchip Main Business

Table 101. Microchip Latest Developments

Table 102. SiTime Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 103. SiTime Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 104. SiTime Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 105. SiTime Main Business

Table 106. SiTime Latest Developments

Table 107. TKD Science Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 108. TKD Science Quartz Voltage-Controlled Crystal and Oscillators Product

Portfolios and Specifications

Table 109. TKD Science Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 110. TKD Science Main Business

Table 111. TKD Science Latest Developments

Table 112. Rakon Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 113. Rakon Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 114. Rakon Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 115. Rakon Main Business

Table 116. Rakon Latest Developments

Table 117. Murata Manufacturing Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 118. Murata Manufacturing Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 119. Murata Manufacturing Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 120. Murata Manufacturing Main Business

Table 121. Murata Manufacturing Latest Developments

Table 122. Harmony Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 123. Harmony Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 124. Harmony Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 125. Harmony Main Business

Table 126. Harmony Latest Developments

Table 127. Hosonic Electronic Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 128. Hosonic Electronic Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 129. Hosonic Electronic Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 130. Hosonic Electronic Main Business

Table 131. Hosonic Electronic Latest Developments

Table 132. Siward Crystal Technology Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 133. Siward Crystal Technology Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 134. Siward Crystal Technology Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 135. Siward Crystal Technology Main Business

Table 136. Siward Crystal Technology Latest Developments

Table 137. Micro Crystal Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 138. Micro Crystal Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 139. Micro Crystal Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 140. Micro Crystal Main Business

Table 141. Micro Crystal Latest Developments

Table 142. Failong Crystal Technologies Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 143. Failong Crystal Technologies Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 144. Failong Crystal Technologies Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 145. Failong Crystal Technologies Main Business

Table 146. Failong Crystal Technologies Latest Developments

Table 147. Taitien Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 148. Taitien Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 149. Taitien Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 150. Taitien Main Business

Table 151. Taitien Latest Developments

Table 152. River Eletec Corporation Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 153. River Eletec Corporation Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 154. River Eletec Corporation Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 155. River Eletec Corporation Main Business

Table 156. River Eletec Corporation Latest Developments

Table 157. ZheJiang East Crystal Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 158. ZheJiang East Crystal Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 159. ZheJiang East Crystal Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 160. ZheJiang East Crystal Main Business

Table 161. ZheJiang East Crystal Latest Developments

Table 162. Guoxin Micro Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 163. Guoxin Micro Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 164. Guoxin Micro Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 165. Guoxin Micro Main Business

Table 166. Guoxin Micro Latest Developments

Table 167. Diode-Pericom/Saronix Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 168. Diode-Pericom/Saronix Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 169. Diode-Pericom/Saronix Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 170. Diode-Pericom/Saronix Main Business

Table 171. Diode-Pericom/Saronix Latest Developments

Table 172. CONNOR-WINFIELD Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 173. CONNOR-WINFIELD Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 174. CONNOR-WINFIELD Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 175. CONNOR-WINFIELD Main Business

Table 176. CONNOR-WINFIELD Latest Developments

Table 177. MTRON PTI Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 178. MTRON PTI Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 179. MTRON PTI Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 180. MTRON PTI Main Business

Table 181. MTRON PTI Latest Developments

Table 182. IDT (Formerly FOX) Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 183. IDT (Formerly FOX) Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 184. IDT (Formerly FOX) Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 185. IDT (Formerly FOX) Main Business

Table 186. IDT (Formerly FOX) Latest Developments

Table 187. MTI Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 188. MTI Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 189. MTI Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 190. MTI Main Business

Table 191. MTI Latest Developments

Table 192. Q-TECH Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 193. Q-TECH Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 194. Q-TECH Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 195. Q-TECH Main Business

Table 196. Q-TECH Latest Developments

Table 197. Bliley Technologies Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 198. Bliley Technologies Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 199. Bliley Technologies Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 200. Bliley Technologies Main Business

Table 201. Bliley Technologies Latest Developments

Table 202. Raltron Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 203. Raltron Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 204. Raltron Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 205. Raltron Main Business

Table 206. Raltron Latest Developments

Table 207. NEL FREQUENCY Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 208. NEL FREQUENCY Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 209. NEL FREQUENCY Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 210. NEL FREQUENCY Main Business

Table 211. NEL FREQUENCY Latest Developments

Table 212. CRYSTEK Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 213. CRYSTEK Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 214. CRYSTEK Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 215. CRYSTEK Main Business

Table 216. CRYSTEK Latest Developments

Table 217. WENZEL Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 218. WENZEL Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 219. WENZEL Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 220. WENZEL Main Business

Table 221. WENZEL Latest Developments

Table 222. CTS Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 223. CTS Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 224. CTS Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 225. CTS Main Business

Table 226. CTS Latest Developments

Table 227. GREENRAY Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 228. GREENRAY Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 229. GREENRAY Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 230. GREENRAY Main Business

Table 231. GREENRAY Latest Developments

Table 232. STATEK Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 233. STATEK Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 234. STATEK Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 235. STATEK Main Business

Table 236. STATEK Latest Developments

Table 237. MORION Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 238. MORION Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 239. MORION Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 240. MORION Main Business

Table 241. MORION Latest Developments

Table 242. KVG Basic Information, Quartz Voltage-Controlled Crystal and Oscillators Manufacturing Base, Sales Area and Its Competitors

Table 243. KVG Quartz Voltage-Controlled Crystal and Oscillators Product Portfolios and Specifications

Table 244. KVG Quartz Voltage-Controlled Crystal and Oscillators Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 245. KVG Main Business

Table 246. KVG Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Quartz Voltage-Controlled Crystal and Oscillators

Figure 2. Quartz Voltage-Controlled Crystal and Oscillators Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Growth Rate 2019-2030 (K Units)

Figure 7. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth Rate 2019-2030 (\$ millions)

Figure 8. Quartz Voltage-Controlled Crystal and Oscillators Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Figure 9. Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Country/Region (2023)

Figure 10. Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Country/Region (2019, 2023 & 2030)

Figure 11. Product Picture of Through-Hole

Figure 12. Product Picture of Surface Mount

Figure 13. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Type in 2023

Figure 14. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Type (2019-2024)

Figure 15. Quartz Voltage-Controlled Crystal and Oscillators Consumed in Telecom & Networking

Figure 16. Global Quartz Voltage-Controlled Crystal and Oscillators Market: Telecom & Networking (2019-2024) & (K Units)

Figure 17. Quartz Voltage-Controlled Crystal and Oscillators Consumed in Military & Aerospace

Figure 18. Global Quartz Voltage-Controlled Crystal and Oscillators Market: Military & Aerospace (2019-2024) & (K Units)

Figure 19. Quartz Voltage-Controlled Crystal and Oscillators Consumed in Industrial

Figure 20. Global Quartz Voltage-Controlled Crystal and Oscillators Market: Industrial (2019-2024) & (K Units)

Figure 21. Quartz Voltage-Controlled Crystal and Oscillators Consumed in Medical

Figure 22. Global Quartz Voltage-Controlled Crystal and Oscillators Market: Medical (2019-2024) & (K Units)

Figure 23. Quartz Voltage-Controlled Crystal and Oscillators Consumed in Consumer Electronics

Figure 24. Global Quartz Voltage-Controlled Crystal and Oscillators Market: Consumer Electronics (2019-2024) & (K Units)

Figure 25. Quartz Voltage-Controlled Crystal and Oscillators Consumed in Research & Measurement

Figure 26. Global Quartz Voltage-Controlled Crystal and Oscillators Market: Research & Measurement (2019-2024) & (K Units)

Figure 27. Quartz Voltage-Controlled Crystal and Oscillators Consumed in Automotive

Figure 28. Global Quartz Voltage-Controlled Crystal and Oscillators Market: Automotive (2019-2024) & (K Units)

Figure 29. Quartz Voltage-Controlled Crystal and Oscillators Consumed in Others

Figure 30. Global Quartz Voltage-Controlled Crystal and Oscillators Market: Others (2019-2024) & (K Units)

Figure 31. Global Quartz Voltage-Controlled Crystal and Oscillators Sale Market Share by Application (2023)

Figure 32. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Application in 2023

Figure 33. Quartz Voltage-Controlled Crystal and Oscillators Sales by Company in 2023 (K Units)

Figure 34. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Company in 2023

Figure 35. Quartz Voltage-Controlled Crystal and Oscillators Revenue by Company in 2023 (\$ millions)

Figure 36. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Company in 2023

Figure 37. Global Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Geographic Region (2019-2024)

Figure 38. Global Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Geographic Region in 2023

Figure 39. Americas Quartz Voltage-Controlled Crystal and Oscillators Sales 2019-2024 (K Units)

Figure 40. Americas Quartz Voltage-Controlled Crystal and Oscillators Revenue 2019-2024 (\$ millions)

Figure 41. APAC Quartz Voltage-Controlled Crystal and Oscillators Sales 2019-2024 (K Units)

Figure 42. APAC Quartz Voltage-Controlled Crystal and Oscillators Revenue 2019-2024 (\$ millions)

Figure 43. Europe Quartz Voltage-Controlled Crystal and Oscillators Sales 2019-2024

(K Units)

Figure 44. Europe Quartz Voltage-Controlled Crystal and Oscillators Revenue 2019-2024 (\$ millions)

Figure 45. Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Sales 2019-2024 (K Units)

Figure 46. Middle East & Africa Quartz Voltage-Controlled Crystal and Oscillators Revenue 2019-2024 (\$ millions)

Figure 47. Americas Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Country in 2023

Figure 48. Americas Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Country (2019-2024)

Figure 49. Americas Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Type (2019-2024)

Figure 50. Americas Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Application (2019-2024)

Figure 51. United States Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 52. Canada Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 53. Mexico Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 54. Brazil Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 55. APAC Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Region in 2023

Figure 56. APAC Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Region (2019-2024)

Figure 57. APAC Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Type (2019-2024)

Figure 58. APAC Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Application (2019-2024)

Figure 59. China Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 60. Japan Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 61. South Korea Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 62. Southeast Asia Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 63. India Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 64. Australia Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 65. China Taiwan Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 66. Europe Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Country in 2023

Figure 67. Europe Quartz Voltage-Controlled Crystal and Oscillators Revenue Market Share by Country (2019-2024)

Figure 68. Europe Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Type (2019-2024)

Figure 69. Europe Quartz Voltage-Controlled Crystal and Oscillators Sales Market Share by Application (2019-2024)

Figure 70. Germany Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 71. France Quartz Voltage-Controlled Crystal and Oscillators Revenue Growth 2019-2024 (\$ millions)

Figure 72. UK Quartz Voltage-Controlled Crystal and

I would like to order

Product name: Global Quartz Voltage-Controlled Crystal and Oscillators Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/G595CD06F16FEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G595CD06F16FEN.html>

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**

Customer signature _____

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

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