

# Global SMT VCO Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G961B3CC2A3BEN.html>

Date: September 2023

Pages: 131

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

ID: G961B3CC2A3BEN

## Abstracts

The global SMT VCO market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The characteristics of the SMT VCO: adjustable frequency, high stability, small size, low power consumption, and wide application. When selecting and using an SMT VCO, factors such as frequency range, stability, power consumption, and size should be considered according to specific application requirements.

The SMT VCO is an electronic component used to generate a stable frequency signal. It adopts surface mount technology and can be easily integrated into various circuit boards and systems.

This report studies the global SMT VCO production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for SMT VCO, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of SMT VCO that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global SMT VCO total production and demand, 2018-2029, (Units)

Global SMT VCO total production value, 2018-2029, (USD Million)

Global SMT VCO production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global SMT VCO consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: SMT VCO domestic production, consumption, key domestic manufacturers and share

Global SMT VCO production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global SMT VCO production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global SMT VCO production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global SMT VCO market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Z-Communications, NDK, Pasternack Enterprises, KDS Daishinku, Analog Devices, Linear Technology, Crystek, MARUWA and Fujitsu, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World SMT VCO market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global SMT VCO Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global SMT VCO Market, Segmentation by Type

Quartz

Silicon

#### Global SMT VCO Market, Segmentation by Application

Industrial

Communication

Electronics

Aerospace

Others

#### Companies Profiled:

Z-Communications

NDK

Pasternack Enterprises

KDS Daishinku

Analog Devices

Linear Technology

Crystek

MARUWA

Fujitsu

Semtech

Onsemi

Synergy Microwave

SiTime

Epson

Rakon

Vectron International

Micro Crystal

Bliley Technologies

Greenray Industries

CTS Corporation

Taitien

NEL

Lixin Microelectron

Shenzhen Jiatai Crystal Technology

### Key Questions Answered

1. How big is the global SMT VCO market?
2. What is the demand of the global SMT VCO market?
3. What is the year over year growth of the global SMT VCO market?
4. What is the production and production value of the global SMT VCO market?
5. Who are the key producers in the global SMT VCO market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 SMT VCO Introduction
- 1.2 World SMT VCO Supply & Forecast
  - 1.2.1 World SMT VCO Production Value (2018 & 2022 & 2029)
  - 1.2.2 World SMT VCO Production (2018-2029)
  - 1.2.3 World SMT VCO Pricing Trends (2018-2029)
- 1.3 World SMT VCO Production by Region (Based on Production Site)
  - 1.3.1 World SMT VCO Production Value by Region (2018-2029)
  - 1.3.2 World SMT VCO Production by Region (2018-2029)
  - 1.3.3 World SMT VCO Average Price by Region (2018-2029)
  - 1.3.4 North America SMT VCO Production (2018-2029)
  - 1.3.5 Europe SMT VCO Production (2018-2029)
  - 1.3.6 China SMT VCO Production (2018-2029)
  - 1.3.7 Japan SMT VCO Production (2018-2029)
  - 1.3.8 South Korea SMT VCO Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 SMT VCO Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 SMT VCO Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World SMT VCO Demand (2018-2029)
- 2.2 World SMT VCO Consumption by Region
  - 2.2.1 World SMT VCO Consumption by Region (2018-2023)
  - 2.2.2 World SMT VCO Consumption Forecast by Region (2024-2029)
- 2.3 United States SMT VCO Consumption (2018-2029)
- 2.4 China SMT VCO Consumption (2018-2029)
- 2.5 Europe SMT VCO Consumption (2018-2029)
- 2.6 Japan SMT VCO Consumption (2018-2029)
- 2.7 South Korea SMT VCO Consumption (2018-2029)
- 2.8 ASEAN SMT VCO Consumption (2018-2029)
- 2.9 India SMT VCO Consumption (2018-2029)

### **3 WORLD SMT VCO MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World SMT VCO Production Value by Manufacturer (2018-2023)

3.2 World SMT VCO Production by Manufacturer (2018-2023)

3.3 World SMT VCO Average Price by Manufacturer (2018-2023)

3.4 SMT VCO Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global SMT VCO Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for SMT VCO in 2022

3.5.3 Global Concentration Ratios (CR8) for SMT VCO in 2022

3.6 SMT VCO Market: Overall Company Footprint Analysis

3.6.1 SMT VCO Market: Region Footprint

3.6.2 SMT VCO Market: Company Product Type Footprint

3.6.3 SMT VCO Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

4.1 United States VS China: SMT VCO Production Value Comparison

4.1.1 United States VS China: SMT VCO Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: SMT VCO Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: SMT VCO Production Comparison

4.2.1 United States VS China: SMT VCO Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: SMT VCO Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: SMT VCO Consumption Comparison

4.3.1 United States VS China: SMT VCO Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: SMT VCO Consumption Market Share Comparison (2018 & 2022 & 2029)

#### 4.4 United States Based SMT VCO Manufacturers and Market Share, 2018-2023

4.4.1 United States Based SMT VCO Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers SMT VCO Production Value (2018-2023)

4.4.3 United States Based Manufacturers SMT VCO Production (2018-2023)

#### 4.5 China Based SMT VCO Manufacturers and Market Share

4.5.1 China Based SMT VCO Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers SMT VCO Production Value (2018-2023)

4.5.3 China Based Manufacturers SMT VCO Production (2018-2023)

#### 4.6 Rest of World Based SMT VCO Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based SMT VCO Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers SMT VCO Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers SMT VCO Production (2018-2023)

### **5 MARKET ANALYSIS BY TYPE**

#### 5.1 World SMT VCO Market Size Overview by Type: 2018 VS 2022 VS 2029

#### 5.2 Segment Introduction by Type

5.2.1 Quartz

5.2.2 Silicon

#### 5.3 Market Segment by Type

5.3.1 World SMT VCO Production by Type (2018-2029)

5.3.2 World SMT VCO Production Value by Type (2018-2029)

5.3.3 World SMT VCO Average Price by Type (2018-2029)

### **6 MARKET ANALYSIS BY APPLICATION**

#### 6.1 World SMT VCO Market Size Overview by Application: 2018 VS 2022 VS 2029

#### 6.2 Segment Introduction by Application

6.2.1 Industrial

6.2.2 Communication

6.2.3 Electronics

6.2.4 Aerospace

6.2.5 Others

#### 6.3 Market Segment by Application

6.3.1 World SMT VCO Production by Application (2018-2029)

6.3.2 World SMT VCO Production Value by Application (2018-2029)



### 6.3.3 World SMT VCO Average Price by Application (2018-2029)

## 7 COMPANY PROFILES

### 7.1 Z-Communications

#### 7.1.1 Z-Communications Details

#### 7.1.2 Z-Communications Major Business

#### 7.1.3 Z-Communications SMT VCO Product and Services

#### 7.1.4 Z-Communications SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.1.5 Z-Communications Recent Developments/Updates

#### 7.1.6 Z-Communications Competitive Strengths & Weaknesses

### 7.2 NDK

#### 7.2.1 NDK Details

#### 7.2.2 NDK Major Business

#### 7.2.3 NDK SMT VCO Product and Services

#### 7.2.4 NDK SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.2.5 NDK Recent Developments/Updates

#### 7.2.6 NDK Competitive Strengths & Weaknesses

### 7.3 Pasternack Enterprises

#### 7.3.1 Pasternack Enterprises Details

#### 7.3.2 Pasternack Enterprises Major Business

#### 7.3.3 Pasternack Enterprises SMT VCO Product and Services

#### 7.3.4 Pasternack Enterprises SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.3.5 Pasternack Enterprises Recent Developments/Updates

#### 7.3.6 Pasternack Enterprises Competitive Strengths & Weaknesses

### 7.4 KDS Daishinku

#### 7.4.1 KDS Daishinku Details

#### 7.4.2 KDS Daishinku Major Business

#### 7.4.3 KDS Daishinku SMT VCO Product and Services

#### 7.4.4 KDS Daishinku SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.4.5 KDS Daishinku Recent Developments/Updates

#### 7.4.6 KDS Daishinku Competitive Strengths & Weaknesses

### 7.5 Analog Devices

#### 7.5.1 Analog Devices Details

#### 7.5.2 Analog Devices Major Business

- 7.5.3 Analog Devices SMT VCO Product and Services
- 7.5.4 Analog Devices SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.5.5 Analog Devices Recent Developments/Updates
- 7.5.6 Analog Devices Competitive Strengths & Weaknesses
- 7.6 Linear Technology
  - 7.6.1 Linear Technology Details
  - 7.6.2 Linear Technology Major Business
  - 7.6.3 Linear Technology SMT VCO Product and Services
  - 7.6.4 Linear Technology SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Linear Technology Recent Developments/Updates
  - 7.6.6 Linear Technology Competitive Strengths & Weaknesses
- 7.7 Crystek
  - 7.7.1 Crystek Details
  - 7.7.2 Crystek Major Business
  - 7.7.3 Crystek SMT VCO Product and Services
  - 7.7.4 Crystek SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Crystek Recent Developments/Updates
  - 7.7.6 Crystek Competitive Strengths & Weaknesses
- 7.8 MARUWA
  - 7.8.1 MARUWA Details
  - 7.8.2 MARUWA Major Business
  - 7.8.3 MARUWA SMT VCO Product and Services
  - 7.8.4 MARUWA SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 MARUWA Recent Developments/Updates
  - 7.8.6 MARUWA Competitive Strengths & Weaknesses
- 7.9 Fujitsu
  - 7.9.1 Fujitsu Details
  - 7.9.2 Fujitsu Major Business
  - 7.9.3 Fujitsu SMT VCO Product and Services
  - 7.9.4 Fujitsu SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Fujitsu Recent Developments/Updates
  - 7.9.6 Fujitsu Competitive Strengths & Weaknesses
- 7.10 Semtech
  - 7.10.1 Semtech Details

- 7.10.2 Semtech Major Business
- 7.10.3 Semtech SMT VCO Product and Services
- 7.10.4 Semtech SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.10.5 Semtech Recent Developments/Updates
- 7.10.6 Semtech Competitive Strengths & Weaknesses
- 7.11 Onsemi
  - 7.11.1 Onsemi Details
  - 7.11.2 Onsemi Major Business
  - 7.11.3 Onsemi SMT VCO Product and Services
  - 7.11.4 Onsemi SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Onsemi Recent Developments/Updates
  - 7.11.6 Onsemi Competitive Strengths & Weaknesses
- 7.12 Synergy Microwave
  - 7.12.1 Synergy Microwave Details
  - 7.12.2 Synergy Microwave Major Business
  - 7.12.3 Synergy Microwave SMT VCO Product and Services
  - 7.12.4 Synergy Microwave SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.12.5 Synergy Microwave Recent Developments/Updates
  - 7.12.6 Synergy Microwave Competitive Strengths & Weaknesses
- 7.13 SiTime
  - 7.13.1 SiTime Details
  - 7.13.2 SiTime Major Business
  - 7.13.3 SiTime SMT VCO Product and Services
  - 7.13.4 SiTime SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.13.5 SiTime Recent Developments/Updates
  - 7.13.6 SiTime Competitive Strengths & Weaknesses
- 7.14 Epson
  - 7.14.1 Epson Details
  - 7.14.2 Epson Major Business
  - 7.14.3 Epson SMT VCO Product and Services
  - 7.14.4 Epson SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.14.5 Epson Recent Developments/Updates
  - 7.14.6 Epson Competitive Strengths & Weaknesses
- 7.15 Rakon

- 7.15.1 Rakon Details
- 7.15.2 Rakon Major Business
- 7.15.3 Rakon SMT VCO Product and Services
- 7.15.4 Rakon SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.15.5 Rakon Recent Developments/Updates
- 7.15.6 Rakon Competitive Strengths & Weaknesses
- 7.16 Vectron International
  - 7.16.1 Vectron International Details
  - 7.16.2 Vectron International Major Business
  - 7.16.3 Vectron International SMT VCO Product and Services
  - 7.16.4 Vectron International SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.16.5 Vectron International Recent Developments/Updates
  - 7.16.6 Vectron International Competitive Strengths & Weaknesses
- 7.17 Micro Crystal
  - 7.17.1 Micro Crystal Details
  - 7.17.2 Micro Crystal Major Business
  - 7.17.3 Micro Crystal SMT VCO Product and Services
  - 7.17.4 Micro Crystal SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.17.5 Micro Crystal Recent Developments/Updates
  - 7.17.6 Micro Crystal Competitive Strengths & Weaknesses
- 7.18 Bliley Technologies
  - 7.18.1 Bliley Technologies Details
  - 7.18.2 Bliley Technologies Major Business
  - 7.18.3 Bliley Technologies SMT VCO Product and Services
  - 7.18.4 Bliley Technologies SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.18.5 Bliley Technologies Recent Developments/Updates
  - 7.18.6 Bliley Technologies Competitive Strengths & Weaknesses
- 7.19 Greenray Industries
  - 7.19.1 Greenray Industries Details
  - 7.19.2 Greenray Industries Major Business
  - 7.19.3 Greenray Industries SMT VCO Product and Services
  - 7.19.4 Greenray Industries SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.19.5 Greenray Industries Recent Developments/Updates
  - 7.19.6 Greenray Industries Competitive Strengths & Weaknesses

## 7.20 CTS Corporation

### 7.20.1 CTS Corporation Details

### 7.20.2 CTS Corporation Major Business

### 7.20.3 CTS Corporation SMT VCO Product and Services

### 7.20.4 CTS Corporation SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.20.5 CTS Corporation Recent Developments/Updates

### 7.20.6 CTS Corporation Competitive Strengths & Weaknesses

## 7.21 Taitien

### 7.21.1 Taitien Details

### 7.21.2 Taitien Major Business

### 7.21.3 Taitien SMT VCO Product and Services

### 7.21.4 Taitien SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.21.5 Taitien Recent Developments/Updates

### 7.21.6 Taitien Competitive Strengths & Weaknesses

## 7.22 NEL

### 7.22.1 NEL Details

### 7.22.2 NEL Major Business

### 7.22.3 NEL SMT VCO Product and Services

### 7.22.4 NEL SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.22.5 NEL Recent Developments/Updates

### 7.22.6 NEL Competitive Strengths & Weaknesses

## 7.23 Lixin Microelectron

### 7.23.1 Lixin Microelectron Details

### 7.23.2 Lixin Microelectron Major Business

### 7.23.3 Lixin Microelectron SMT VCO Product and Services

### 7.23.4 Lixin Microelectron SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.23.5 Lixin Microelectron Recent Developments/Updates

### 7.23.6 Lixin Microelectron Competitive Strengths & Weaknesses

## 7.24 Shenzhen Jiatai Crystal Technology

### 7.24.1 Shenzhen Jiatai Crystal Technology Details

### 7.24.2 Shenzhen Jiatai Crystal Technology Major Business

### 7.24.3 Shenzhen Jiatai Crystal Technology SMT VCO Product and Services

### 7.24.4 Shenzhen Jiatai Crystal Technology SMT VCO Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.24.5 Shenzhen Jiatai Crystal Technology Recent Developments/Updates

#### 7.24.6 Shenzhen Jiatai Crystal Technology Competitive Strengths & Weaknesses

### **8 INDUSTRY CHAIN ANALYSIS**

#### 8.1 SMT VCO Industry Chain

#### 8.2 SMT VCO Upstream Analysis

##### 8.2.1 SMT VCO Core Raw Materials

##### 8.2.2 Main Manufacturers of SMT VCO Core Raw Materials

#### 8.3 Midstream Analysis

#### 8.4 Downstream Analysis

#### 8.5 SMT VCO Production Mode

#### 8.6 SMT VCO Procurement Model

#### 8.7 SMT VCO Industry Sales Model and Sales Channels

##### 8.7.1 SMT VCO Sales Model

##### 8.7.2 SMT VCO Typical Customers

### **9 RESEARCH FINDINGS AND CONCLUSION**

### **10 APPENDIX**

#### 10.1 Methodology

#### 10.2 Research Process and Data Source

#### 10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. World SMT VCO Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World SMT VCO Production Value by Region (2018-2023) & (USD Million)
- Table 3. World SMT VCO Production Value by Region (2024-2029) & (USD Million)
- Table 4. World SMT VCO Production Value Market Share by Region (2018-2023)
- Table 5. World SMT VCO Production Value Market Share by Region (2024-2029)
- Table 6. World SMT VCO Production by Region (2018-2023) & (Units)
- Table 7. World SMT VCO Production by Region (2024-2029) & (Units)
- Table 8. World SMT VCO Production Market Share by Region (2018-2023)
- Table 9. World SMT VCO Production Market Share by Region (2024-2029)
- Table 10. World SMT VCO Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World SMT VCO Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. SMT VCO Major Market Trends
- Table 13. World SMT VCO Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)
- Table 14. World SMT VCO Consumption by Region (2018-2023) & (Units)
- Table 15. World SMT VCO Consumption Forecast by Region (2024-2029) & (Units)
- Table 16. World SMT VCO Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key SMT VCO Producers in 2022
- Table 18. World SMT VCO Production by Manufacturer (2018-2023) & (Units)
- Table 19. Production Market Share of Key SMT VCO Producers in 2022
- Table 20. World SMT VCO Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 21. Global SMT VCO Company Evaluation Quadrant
- Table 22. World SMT VCO Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and SMT VCO Production Site of Key Manufacturer
- Table 24. SMT VCO Market: Company Product Type Footprint
- Table 25. SMT VCO Market: Company Product Application Footprint
- Table 26. SMT VCO Competitive Factors
- Table 27. SMT VCO New Entrant and Capacity Expansion Plans
- Table 28. SMT VCO Mergers & Acquisitions Activity
- Table 29. United States VS China SMT VCO Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)
- Table 30. United States VS China SMT VCO Production Comparison, (2018 & 2022 &

2029) & (Units)

Table 31. United States VS China SMT VCO Consumption Comparison, (2018 & 2022 & 2029) & (Units)

Table 32. United States Based SMT VCO Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers SMT VCO Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers SMT VCO Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers SMT VCO Production (2018-2023) & (Units)

Table 36. United States Based Manufacturers SMT VCO Production Market Share (2018-2023)

Table 37. China Based SMT VCO Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers SMT VCO Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers SMT VCO Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers SMT VCO Production (2018-2023) & (Units)

Table 41. China Based Manufacturers SMT VCO Production Market Share (2018-2023)

Table 42. Rest of World Based SMT VCO Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers SMT VCO Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers SMT VCO Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers SMT VCO Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers SMT VCO Production Market Share (2018-2023)

Table 47. World SMT VCO Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World SMT VCO Production by Type (2018-2023) & (Units)

Table 49. World SMT VCO Production by Type (2024-2029) & (Units)

Table 50. World SMT VCO Production Value by Type (2018-2023) & (USD Million)

Table 51. World SMT VCO Production Value by Type (2024-2029) & (USD Million)

Table 52. World SMT VCO Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World SMT VCO Average Price by Type (2024-2029) & (US\$/Unit)



Table 54. World SMT VCO Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World SMT VCO Production by Application (2018-2023) & (Units)

Table 56. World SMT VCO Production by Application (2024-2029) & (Units)

Table 57. World SMT VCO Production Value by Application (2018-2023) & (USD Million)

Table 58. World SMT VCO Production Value by Application (2024-2029) & (USD Million)

Table 59. World SMT VCO Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World SMT VCO Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Z-Communications Basic Information, Manufacturing Base and Competitors

Table 62. Z-Communications Major Business

Table 63. Z-Communications SMT VCO Product and Services

Table 64. Z-Communications SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Z-Communications Recent Developments/Updates

Table 66. Z-Communications Competitive Strengths & Weaknesses

Table 67. NDK Basic Information, Manufacturing Base and Competitors

Table 68. NDK Major Business

Table 69. NDK SMT VCO Product and Services

Table 70. NDK SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. NDK Recent Developments/Updates

Table 72. NDK Competitive Strengths & Weaknesses

Table 73. Pasternack Enterprises Basic Information, Manufacturing Base and Competitors

Table 74. Pasternack Enterprises Major Business

Table 75. Pasternack Enterprises SMT VCO Product and Services

Table 76. Pasternack Enterprises SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Pasternack Enterprises Recent Developments/Updates

Table 78. Pasternack Enterprises Competitive Strengths & Weaknesses

Table 79. KDS Daishinku Basic Information, Manufacturing Base and Competitors

Table 80. KDS Daishinku Major Business

Table 81. KDS Daishinku SMT VCO Product and Services

Table 82. KDS Daishinku SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. KDS Daishinku Recent Developments/Updates

Table 84. KDS Daishinku Competitive Strengths & Weaknesses

- Table 85. Analog Devices Basic Information, Manufacturing Base and Competitors
- Table 86. Analog Devices Major Business
- Table 87. Analog Devices SMT VCO Product and Services
- Table 88. Analog Devices SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Analog Devices Recent Developments/Updates
- Table 90. Analog Devices Competitive Strengths & Weaknesses
- Table 91. Linear Technology Basic Information, Manufacturing Base and Competitors
- Table 92. Linear Technology Major Business
- Table 93. Linear Technology SMT VCO Product and Services
- Table 94. Linear Technology SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Linear Technology Recent Developments/Updates
- Table 96. Linear Technology Competitive Strengths & Weaknesses
- Table 97. Crystek Basic Information, Manufacturing Base and Competitors
- Table 98. Crystek Major Business
- Table 99. Crystek SMT VCO Product and Services
- Table 100. Crystek SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Crystek Recent Developments/Updates
- Table 102. Crystek Competitive Strengths & Weaknesses
- Table 103. MARUWA Basic Information, Manufacturing Base and Competitors
- Table 104. MARUWA Major Business
- Table 105. MARUWA SMT VCO Product and Services
- Table 106. MARUWA SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. MARUWA Recent Developments/Updates
- Table 108. MARUWA Competitive Strengths & Weaknesses
- Table 109. Fujitsu Basic Information, Manufacturing Base and Competitors
- Table 110. Fujitsu Major Business
- Table 111. Fujitsu SMT VCO Product and Services
- Table 112. Fujitsu SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Fujitsu Recent Developments/Updates
- Table 114. Fujitsu Competitive Strengths & Weaknesses
- Table 115. Semtech Basic Information, Manufacturing Base and Competitors
- Table 116. Semtech Major Business
- Table 117. Semtech SMT VCO Product and Services
- Table 118. Semtech SMT VCO Production (Units), Price (US\$/Unit), Production Value

(USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Semtech Recent Developments/Updates

Table 120. Semtech Competitive Strengths & Weaknesses

Table 121. Onsemi Basic Information, Manufacturing Base and Competitors

Table 122. Onsemi Major Business

Table 123. Onsemi SMT VCO Product and Services

Table 124. Onsemi SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Onsemi Recent Developments/Updates

Table 126. Onsemi Competitive Strengths & Weaknesses

Table 127. Synergy Microwave Basic Information, Manufacturing Base and Competitors

Table 128. Synergy Microwave Major Business

Table 129. Synergy Microwave SMT VCO Product and Services

Table 130. Synergy Microwave SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Synergy Microwave Recent Developments/Updates

Table 132. Synergy Microwave Competitive Strengths & Weaknesses

Table 133. SiTime Basic Information, Manufacturing Base and Competitors

Table 134. SiTime Major Business

Table 135. SiTime SMT VCO Product and Services

Table 136. SiTime SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. SiTime Recent Developments/Updates

Table 138. SiTime Competitive Strengths & Weaknesses

Table 139. Epson Basic Information, Manufacturing Base and Competitors

Table 140. Epson Major Business

Table 141. Epson SMT VCO Product and Services

Table 142. Epson SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Epson Recent Developments/Updates

Table 144. Epson Competitive Strengths & Weaknesses

Table 145. Rakon Basic Information, Manufacturing Base and Competitors

Table 146. Rakon Major Business

Table 147. Rakon SMT VCO Product and Services

Table 148. Rakon SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. Rakon Recent Developments/Updates

Table 150. Rakon Competitive Strengths & Weaknesses

Table 151. Vectron International Basic Information, Manufacturing Base and

## Competitors

Table 152. Vectron International Major Business

Table 153. Vectron International SMT VCO Product and Services

Table 154. Vectron International SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. Vectron International Recent Developments/Updates

Table 156. Vectron International Competitive Strengths & Weaknesses

Table 157. Micro Crystal Basic Information, Manufacturing Base and Competitors

Table 158. Micro Crystal Major Business

Table 159. Micro Crystal SMT VCO Product and Services

Table 160. Micro Crystal SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. Micro Crystal Recent Developments/Updates

Table 162. Micro Crystal Competitive Strengths & Weaknesses

Table 163. Bliley Technologies Basic Information, Manufacturing Base and Competitors

Table 164. Bliley Technologies Major Business

Table 165. Bliley Technologies SMT VCO Product and Services

Table 166. Bliley Technologies SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 167. Bliley Technologies Recent Developments/Updates

Table 168. Bliley Technologies Competitive Strengths & Weaknesses

Table 169. Greenray Industries Basic Information, Manufacturing Base and Competitors

Table 170. Greenray Industries Major Business

Table 171. Greenray Industries SMT VCO Product and Services

Table 172. Greenray Industries SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 173. Greenray Industries Recent Developments/Updates

Table 174. Greenray Industries Competitive Strengths & Weaknesses

Table 175. CTS Corporation Basic Information, Manufacturing Base and Competitors

Table 176. CTS Corporation Major Business

Table 177. CTS Corporation SMT VCO Product and Services

Table 178. CTS Corporation SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 179. CTS Corporation Recent Developments/Updates

Table 180. CTS Corporation Competitive Strengths & Weaknesses

Table 181. Taitien Basic Information, Manufacturing Base and Competitors

Table 182. Taitien Major Business

Table 183. Taitien SMT VCO Product and Services

Table 184. Taitien SMT VCO Production (Units), Price (US\$/Unit), Production Value

(USD Million), Gross Margin and Market Share (2018-2023)

Table 185. Taitien Recent Developments/Updates

Table 186. Taitien Competitive Strengths & Weaknesses

Table 187. NEL Basic Information, Manufacturing Base and Competitors

Table 188. NEL Major Business

Table 189. NEL SMT VCO Product and Services

Table 190. NEL SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 191. NEL Recent Developments/Updates

Table 192. NEL Competitive Strengths & Weaknesses

Table 193. Lixin Microelectron Basic Information, Manufacturing Base and Competitors

Table 194. Lixin Microelectron Major Business

Table 195. Lixin Microelectron SMT VCO Product and Services

Table 196. Lixin Microelectron SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 197. Lixin Microelectron Recent Developments/Updates

Table 198. Shenzhen Jiatai Crystal Technology Basic Information, Manufacturing Base and Competitors

Table 199. Shenzhen Jiatai Crystal Technology Major Business

Table 200. Shenzhen Jiatai Crystal Technology SMT VCO Product and Services

Table 201. Shenzhen Jiatai Crystal Technology SMT VCO Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 202. Global Key Players of SMT VCO Upstream (Raw Materials)

Table 203. SMT VCO Typical Customers

Table 204. SMT VCO Typical Distributors

List of Figure

Figure 1. SMT VCO Picture

Figure 2. World SMT VCO Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World SMT VCO Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World SMT VCO Production (2018-2029) & (Units)

Figure 5. World SMT VCO Average Price (2018-2029) & (US\$/Unit)

Figure 6. World SMT VCO Production Value Market Share by Region (2018-2029)

Figure 7. World SMT VCO Production Market Share by Region (2018-2029)

Figure 8. North America SMT VCO Production (2018-2029) & (Units)

Figure 9. Europe SMT VCO Production (2018-2029) & (Units)

Figure 10. China SMT VCO Production (2018-2029) & (Units)

Figure 11. Japan SMT VCO Production (2018-2029) & (Units)

Figure 12. South Korea SMT VCO Production (2018-2029) & (Units)

- Figure 13. SMT VCO Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World SMT VCO Consumption (2018-2029) & (Units)
- Figure 16. World SMT VCO Consumption Market Share by Region (2018-2029)
- Figure 17. United States SMT VCO Consumption (2018-2029) & (Units)
- Figure 18. China SMT VCO Consumption (2018-2029) & (Units)
- Figure 19. Europe SMT VCO Consumption (2018-2029) & (Units)
- Figure 20. Japan SMT VCO Consumption (2018-2029) & (Units)
- Figure 21. South Korea SMT VCO Consumption (2018-2029) & (Units)
- Figure 22. ASEAN SMT VCO Consumption (2018-2029) & (Units)
- Figure 23. India SMT VCO Consumption (2018-2029) & (Units)
- Figure 24. Producer Shipments of SMT VCO by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 25. Global Four-firm Concentration Ratios (CR4) for SMT VCO Markets in 2022
- Figure 26. Global Four-firm Concentration Ratios (CR8) for SMT VCO Markets in 2022
- Figure 27. United States VS China: SMT VCO Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States VS China: SMT VCO Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. United States VS China: SMT VCO Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 30. United States Based Manufacturers SMT VCO Production Market Share 2022
- Figure 31. China Based Manufacturers SMT VCO Production Market Share 2022
- Figure 32. Rest of World Based Manufacturers SMT VCO Production Market Share 2022
- Figure 33. World SMT VCO Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 34. World SMT VCO Production Value Market Share by Type in 2022
- Figure 35. Quartz
- Figure 36. Silicon
- Figure 37. World SMT VCO Production Market Share by Type (2018-2029)
- Figure 38. World SMT VCO Production Value Market Share by Type (2018-2029)
- Figure 39. World SMT VCO Average Price by Type (2018-2029) & (US\$/Unit)
- Figure 40. World SMT VCO Production Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 41. World SMT VCO Production Value Market Share by Application in 2022
- Figure 42. Industrial
- Figure 43. Communication

Figure 44. Electronics

Figure 45. Aerospace

Figure 46. Others

Figure 47. World SMT VCO Production Market Share by Application (2018-2029)

Figure 48. World SMT VCO Production Value Market Share by Application (2018-2029)

Figure 49. World SMT VCO Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. SMT VCO Industry Chain

Figure 51. SMT VCO Procurement Model

Figure 52. SMT VCO Sales Model

Figure 53. SMT VCO Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

## I would like to order

Product name: Global SMT VCO Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G961B3CC2A3BEN.html>

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

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G961B3CC2A3BEN.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