

# Global Automotive Onboard Quartz Crystal Unit Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G911B925E66DEN.html>

Date: March 2026

Pages: 204

Price: US\$ 3,200.00 (Single User License)

ID: G911B925E66DEN

## Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Automotive Onboard Quartz Crystal Unit competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. An automotive onboard quartz crystal unit is a highly precise frequency control component integrated within a vehicle's electronic systems to ensure stable and accurate timing for various onboard applications. Utilizing the piezoelectric effect of quartz, these crystal units generate consistent oscillation frequencies and are essential for synchronizing signals in complex automotive subsystems. Designed to meet automotive-grade reliability standards, onboard quartz crystal units are engineered to withstand wide temperature ranges, mechanical vibrations, humidity, and long operational lifespans. They are commonly used in engine and transmission control units, safety and stability systems (such as ABS and ESC), advanced driver-assistance systems (ADAS), infotainment, GPS, telematics, and vehicle communication modules like V2X.

The global Automotive Onboard Quartz Crystal Unit market size was estimated at USD 587.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 17.60% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Automotive Onboard Quartz Crystal Unit market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Automotive Onboard Quartz Crystal Unit market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Automotive Onboard Quartz Crystal Unit market.

### **Global Automotive Onboard Quartz Crystal Unit Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

NDK  
TXC Corporation  
Seiko Epson Corp  
Kyocera  
Daishinku Corp (KDS)  
TKD Science

Harmony  
JGHC  
Diodes  
Murata  
Micro Crystal (Swatch Group)  
Shenzhen Yangxing  
Hosonic Electronic  
Guoxin Micro  
Siward Crystal Technology  
Raltron Electronics Corporation  
Hong Kong Crystal  
Abracon  
Aker Technology  
Taitien Electronics Co., Ltd  
Failong Crystal Technologies  
IQD Frequency Products Ltd  
Jauch Group  
NSK (JenJaan Quartek Corporation)  
ECS  
Golledge Electronics  
River Eletec Corporation  
ShenZhen Crystal Technology Industrial  
Shenzhen Genuway  
ZheJiang East Crystal

### **Market Segmentation (by Type)**

Crystal Units  
Temperature-Controlled Quartz Crystal Oscillator(TCXO)  
Voltage-Controlled Quartz Crystal Oscillator  
Oven-Controlled Quartz Crystal Oscillator  
Quartz Crystals& Clock Oscillator

### **Market Segmentation (by Application)**

Chassis & Safety Systems  
Powertrain Systems  
Body Systems  
ADAS

Infotainment Systems  
Network & Telematics Systems  
Others

## **Geographic Segmentation**

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

## **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Automotive Onboard Quartz Crystal Unit Market

Overview of the regional outlook of the Automotive Onboard Quartz Crystal Unit Market:

## **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## **Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Automotive Onboard Quartz Crystal Unit Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Automotive Onboard Quartz Crystal Unit, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development

potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning

recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Automotive Onboard Quartz Crystal Unit
- 1.2 Key Market Segments
  - 1.2.1 Automotive Onboard Quartz Crystal Unit Segment by Type
  - 1.2.2 Automotive Onboard Quartz Crystal Unit Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 AUTOMOTIVE ONBOARD QUARTZ CRYSTAL UNIT MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Automotive Onboard Quartz Crystal Unit Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Automotive Onboard Quartz Crystal Unit Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 AUTOMOTIVE ONBOARD QUARTZ CRYSTAL UNIT MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Automotive Onboard Quartz Crystal Unit Product Life Cycle
- 3.3 Global Automotive Onboard Quartz Crystal Unit Sales by Manufacturers (2020-2025)
- 3.4 Global Automotive Onboard Quartz Crystal Unit Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Automotive Onboard Quartz Crystal Unit Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Automotive Onboard Quartz Crystal Unit Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

- 3.8 Automotive Onboard Quartz Crystal Unit Market Competitive Situation and Trends
  - 3.8.1 Automotive Onboard Quartz Crystal Unit Market Concentration Rate
  - 3.8.2 Global 5 and 10 Largest Automotive Onboard Quartz Crystal Unit Players Market Share by Revenue
  - 3.8.3 Mergers & Acquisitions, Expansion

## **4 AUTOMOTIVE ONBOARD QUARTZ CRYSTAL UNIT INDUSTRY CHAIN ANALYSIS**

- 4.1 Automotive Onboard Quartz Crystal Unit Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF AUTOMOTIVE ONBOARD QUARTZ CRYSTAL UNIT MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
  - 5.4.1 New Product Developments
  - 5.4.2 Mergers & Acquisitions
  - 5.4.3 Expansions
  - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
  - 5.5.1 Industry Policies Analysis
  - 5.5.2 Economic Environment Analysis
  - 5.5.3 Social Environment Analysis
  - 5.5.4 Technological Environment Analysis
- 5.6 Global Automotive Onboard Quartz Crystal Unit Market Porter's Five Forces Analysis
  - 5.6.1 Global Trade Frictions
  - 5.6.2 U.S. Tariff Policy ? April 2025
  - 5.6.3 Global Trade Frictions and Their Impacts to Automotive Onboard Quartz Crystal Unit Market
- 5.7 ESG Ratings of Leading Companies

## **6 AUTOMOTIVE ONBOARD QUARTZ CRYSTAL UNIT MARKET SEGMENTATION**

## **BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Automotive Onboard Quartz Crystal Unit Sales Market Share by Type (2020-2025)
- 6.3 Global Automotive Onboard Quartz Crystal Unit Market Size by Type (2020-2025)
- 6.4 Global Automotive Onboard Quartz Crystal Unit Price by Type (2020-2025)

## **7 AUTOMOTIVE ONBOARD QUARTZ CRYSTAL UNIT MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Automotive Onboard Quartz Crystal Unit Market Sales by Application (2020-2025)
- 7.3 Global Automotive Onboard Quartz Crystal Unit Market Size (M USD) by Application (2020-2025)
- 7.4 Global Automotive Onboard Quartz Crystal Unit Sales Growth Rate by Application (2020-2025)

## **8 AUTOMOTIVE ONBOARD QUARTZ CRYSTAL UNIT MARKET SALES BY REGION**

- 8.1 Global Automotive Onboard Quartz Crystal Unit Sales by Region
  - 8.1.1 Global Automotive Onboard Quartz Crystal Unit Sales by Region
  - 8.1.2 Global Automotive Onboard Quartz Crystal Unit Sales Market Share by Region
- 8.2 Global Automotive Onboard Quartz Crystal Unit Market Size by Region
  - 8.2.1 Global Automotive Onboard Quartz Crystal Unit Market Size by Region
  - 8.2.2 Global Automotive Onboard Quartz Crystal Unit Market Size by Region
- 8.3 North America
  - 8.3.1 North America Automotive Onboard Quartz Crystal Unit Sales by Country
  - 8.3.2 North America Automotive Onboard Quartz Crystal Unit Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview
- 8.4 Europe
  - 8.4.1 Europe Automotive Onboard Quartz Crystal Unit Sales by Country
  - 8.4.2 Europe Automotive Onboard Quartz Crystal Unit Market Size by Country
  - 8.4.3 Germany Market Overview
  - 8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Automotive Onboard Quartz Crystal Unit Sales by Region

8.5.2 Asia Pacific Automotive Onboard Quartz Crystal Unit Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America Automotive Onboard Quartz Crystal Unit Sales by Country

8.6.2 South America Automotive Onboard Quartz Crystal Unit Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Automotive Onboard Quartz Crystal Unit Sales by Region

8.7.2 Middle East and Africa Automotive Onboard Quartz Crystal Unit Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

## **9 AUTOMOTIVE ONBOARD QUARTZ CRYSTAL UNIT MARKET PRODUCTION BY REGION**

9.1 Global Production of Automotive Onboard Quartz Crystal Unit by Region(2020-2025)

9.2 Global Automotive Onboard Quartz Crystal Unit Revenue Market Share by Region (2020-2025)

9.3 Global Automotive Onboard Quartz Crystal Unit Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Automotive Onboard Quartz Crystal Unit Production

9.4.1 North America Automotive Onboard Quartz Crystal Unit Production Growth Rate (2020-2025)

9.4.2 North America Automotive Onboard Quartz Crystal Unit Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Automotive Onboard Quartz Crystal Unit Production

9.5.1 Europe Automotive Onboard Quartz Crystal Unit Production Growth Rate (2020-2025)

9.5.2 Europe Automotive Onboard Quartz Crystal Unit Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Automotive Onboard Quartz Crystal Unit Production (2020-2025)

9.6.1 Japan Automotive Onboard Quartz Crystal Unit Production Growth Rate (2020-2025)

9.6.2 Japan Automotive Onboard Quartz Crystal Unit Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Automotive Onboard Quartz Crystal Unit Production (2020-2025)

9.7.1 China Automotive Onboard Quartz Crystal Unit Production Growth Rate (2020-2025)

9.7.2 China Automotive Onboard Quartz Crystal Unit Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

10.1 NDK

10.1.1 NDK Basic Information

10.1.2 NDK Automotive Onboard Quartz Crystal Unit Product Overview

10.1.3 NDK Automotive Onboard Quartz Crystal Unit Product Market Performance

10.1.4 NDK Business Overview

10.1.5 NDK SWOT Analysis

10.1.6 NDK Recent Developments

10.2 TXC Corporation

10.2.1 TXC Corporation Basic Information

10.2.2 TXC Corporation Automotive Onboard Quartz Crystal Unit Product Overview

10.2.3 TXC Corporation Automotive Onboard Quartz Crystal Unit Product Market Performance

10.2.4 TXC Corporation Business Overview

10.2.5 TXC Corporation SWOT Analysis

10.2.6 TXC Corporation Recent Developments

10.3 Seiko Epson Corp

10.3.1 Seiko Epson Corp Basic Information

10.3.2 Seiko Epson Corp Automotive Onboard Quartz Crystal Unit Product Overview

10.3.3 Seiko Epson Corp Automotive Onboard Quartz Crystal Unit Product Market

## Performance

- 10.3.4 Seiko Epson Corp Business Overview
- 10.3.5 Seiko Epson Corp SWOT Analysis
- 10.3.6 Seiko Epson Corp Recent Developments

## 10.4 Kyocera

- 10.4.1 Kyocera Basic Information
- 10.4.2 Kyocera Automotive Onboard Quartz Crystal Unit Product Overview
- 10.4.3 Kyocera Automotive Onboard Quartz Crystal Unit Product Market Performance
- 10.4.4 Kyocera Business Overview
- 10.4.5 Kyocera Recent Developments

## 10.5 Daishinku Corp (KDS)

- 10.5.1 Daishinku Corp (KDS) Basic Information
- 10.5.2 Daishinku Corp (KDS) Automotive Onboard Quartz Crystal Unit Product

### Overview

- 10.5.3 Daishinku Corp (KDS) Automotive Onboard Quartz Crystal Unit Product Market

### Performance

- 10.5.4 Daishinku Corp (KDS) Business Overview
- 10.5.5 Daishinku Corp (KDS) Recent Developments

## 10.6 TKD Science

- 10.6.1 TKD Science Basic Information
- 10.6.2 TKD Science Automotive Onboard Quartz Crystal Unit Product Overview
- 10.6.3 TKD Science Automotive Onboard Quartz Crystal Unit Product Market

### Performance

- 10.6.4 TKD Science Business Overview
- 10.6.5 TKD Science Recent Developments

## 10.7 Harmony

- 10.7.1 Harmony Basic Information
- 10.7.2 Harmony Automotive Onboard Quartz Crystal Unit Product Overview
- 10.7.3 Harmony Automotive Onboard Quartz Crystal Unit Product Market Performance
- 10.7.4 Harmony Business Overview
- 10.7.5 Harmony Recent Developments

## 10.8 JGHC

- 10.8.1 JGHC Basic Information
- 10.8.2 JGHC Automotive Onboard Quartz Crystal Unit Product Overview
- 10.8.3 JGHC Automotive Onboard Quartz Crystal Unit Product Market Performance
- 10.8.4 JGHC Business Overview
- 10.8.5 JGHC Recent Developments

## 10.9 Diodes

- 10.9.1 Diodes Basic Information

- 10.9.2 Diodes Automotive Onboard Quartz Crystal Unit Product Overview
- 10.9.3 Diodes Automotive Onboard Quartz Crystal Unit Product Market Performance
- 10.9.4 Diodes Business Overview
- 10.9.5 Diodes Recent Developments
- 10.10 Murata
  - 10.10.1 Murata Basic Information
  - 10.10.2 Murata Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.10.3 Murata Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.10.4 Murata Business Overview
  - 10.10.5 Murata Recent Developments
- 10.11 Micro Crystal (Swatch Group)
  - 10.11.1 Micro Crystal (Swatch Group) Basic Information
  - 10.11.2 Micro Crystal (Swatch Group) Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.11.3 Micro Crystal (Swatch Group) Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.11.4 Micro Crystal (Swatch Group) Business Overview
  - 10.11.5 Micro Crystal (Swatch Group) Recent Developments
- 10.12 Shenzhen Yangxing
  - 10.12.1 Shenzhen Yangxing Basic Information
  - 10.12.2 Shenzhen Yangxing Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.12.3 Shenzhen Yangxing Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.12.4 Shenzhen Yangxing Business Overview
  - 10.12.5 Shenzhen Yangxing Recent Developments
- 10.13 Hosonic Electronic
  - 10.13.1 Hosonic Electronic Basic Information
  - 10.13.2 Hosonic Electronic Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.13.3 Hosonic Electronic Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.13.4 Hosonic Electronic Business Overview
  - 10.13.5 Hosonic Electronic Recent Developments
- 10.14 Guoxin Micro
  - 10.14.1 Guoxin Micro Basic Information
  - 10.14.2 Guoxin Micro Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.14.3 Guoxin Micro Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.14.4 Guoxin Micro Business Overview

- 10.14.5 Guoxin Micro Recent Developments
- 10.15 Siward Crystal Technology
  - 10.15.1 Siward Crystal Technology Basic Information
  - 10.15.2 Siward Crystal Technology Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.15.3 Siward Crystal Technology Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.15.4 Siward Crystal Technology Business Overview
  - 10.15.5 Siward Crystal Technology Recent Developments
- 10.16 Raltron Electronics Corporation
  - 10.16.1 Raltron Electronics Corporation Basic Information
  - 10.16.2 Raltron Electronics Corporation Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.16.3 Raltron Electronics Corporation Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.16.4 Raltron Electronics Corporation Business Overview
  - 10.16.5 Raltron Electronics Corporation Recent Developments
- 10.17 Hong Kong Crystal
  - 10.17.1 Hong Kong Crystal Basic Information
  - 10.17.2 Hong Kong Crystal Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.17.3 Hong Kong Crystal Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.17.4 Hong Kong Crystal Business Overview
  - 10.17.5 Hong Kong Crystal Recent Developments
- 10.18 Abracon
  - 10.18.1 Abracon Basic Information
  - 10.18.2 Abracon Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.18.3 Abracon Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.18.4 Abracon Business Overview
  - 10.18.5 Abracon Recent Developments
- 10.19 Aker Technology
  - 10.19.1 Aker Technology Basic Information
  - 10.19.2 Aker Technology Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.19.3 Aker Technology Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.19.4 Aker Technology Business Overview
  - 10.19.5 Aker Technology Recent Developments
- 10.20 Taitien Electronics Co., Ltd

- 10.20.1 Taitien Electronics Co., Ltd Basic Information
- 10.20.2 Taitien Electronics Co., Ltd Automotive Onboard Quartz Crystal Unit Product Overview
- 10.20.3 Taitien Electronics Co., Ltd Automotive Onboard Quartz Crystal Unit Product Market Performance
- 10.20.4 Taitien Electronics Co., Ltd Business Overview
- 10.20.5 Taitien Electronics Co., Ltd Recent Developments
- 10.21 Failong Crystal Technologies
  - 10.21.1 Failong Crystal Technologies Basic Information
  - 10.21.2 Failong Crystal Technologies Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.21.3 Failong Crystal Technologies Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.21.4 Failong Crystal Technologies Business Overview
  - 10.21.5 Failong Crystal Technologies Recent Developments
- 10.22 IQD Frequency Products Ltd
  - 10.22.1 IQD Frequency Products Ltd Basic Information
  - 10.22.2 IQD Frequency Products Ltd Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.22.3 IQD Frequency Products Ltd Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.22.4 IQD Frequency Products Ltd Business Overview
  - 10.22.5 IQD Frequency Products Ltd Recent Developments
- 10.23 Jauch Group
  - 10.23.1 Jauch Group Basic Information
  - 10.23.2 Jauch Group Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.23.3 Jauch Group Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.23.4 Jauch Group Business Overview
  - 10.23.5 Jauch Group Recent Developments
- 10.24 NSK (JenJaan Quartek Corporation)
  - 10.24.1 NSK (JenJaan Quartek Corporation) Basic Information
  - 10.24.2 NSK (JenJaan Quartek Corporation) Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.24.3 NSK (JenJaan Quartek Corporation) Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.24.4 NSK (JenJaan Quartek Corporation) Business Overview
  - 10.24.5 NSK (JenJaan Quartek Corporation) Recent Developments
- 10.25 ECS

- 10.25.1 ECS Basic Information
- 10.25.2 ECS Automotive Onboard Quartz Crystal Unit Product Overview
- 10.25.3 ECS Automotive Onboard Quartz Crystal Unit Product Market Performance
- 10.25.4 ECS Business Overview
- 10.25.5 ECS Recent Developments
- 10.26 Golledge Electronics
  - 10.26.1 Golledge Electronics Basic Information
  - 10.26.2 Golledge Electronics Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.26.3 Golledge Electronics Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.26.4 Golledge Electronics Business Overview
  - 10.26.5 Golledge Electronics Recent Developments
- 10.27 River Eletec Corporation
  - 10.27.1 River Eletec Corporation Basic Information
  - 10.27.2 River Eletec Corporation Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.27.3 River Eletec Corporation Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.27.4 River Eletec Corporation Business Overview
  - 10.27.5 River Eletec Corporation Recent Developments
- 10.28 ShenZhen Crystal Technology Industrial
  - 10.28.1 ShenZhen Crystal Technology Industrial Basic Information
  - 10.28.2 ShenZhen Crystal Technology Industrial Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.28.3 ShenZhen Crystal Technology Industrial Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.28.4 ShenZhen Crystal Technology Industrial Business Overview
  - 10.28.5 ShenZhen Crystal Technology Industrial Recent Developments
- 10.29 Shenzhen Genuway
  - 10.29.1 Shenzhen Genuway Basic Information
  - 10.29.2 Shenzhen Genuway Automotive Onboard Quartz Crystal Unit Product Overview
  - 10.29.3 Shenzhen Genuway Automotive Onboard Quartz Crystal Unit Product Market Performance
  - 10.29.4 Shenzhen Genuway Business Overview
  - 10.29.5 Shenzhen Genuway Recent Developments
- 10.30 ZheJiang East Crystal
  - 10.30.1 ZheJiang East Crystal Basic Information

10.30.2 ZheJiang East Crystal Automotive Onboard Quartz Crystal Unit Product Overview

10.30.3 ZheJiang East Crystal Automotive Onboard Quartz Crystal Unit Product Market Performance

10.30.4 ZheJiang East Crystal Business Overview

10.30.5 ZheJiang East Crystal Recent Developments

## **11 AUTOMOTIVE ONBOARD QUARTZ CRYSTAL UNIT MARKET FORECAST BY REGION**

11.1 Global Automotive Onboard Quartz Crystal Unit Market Size Forecast

11.2 Global Automotive Onboard Quartz Crystal Unit Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Automotive Onboard Quartz Crystal Unit Market Size Forecast by Country

11.2.3 Asia Pacific Automotive Onboard Quartz Crystal Unit Market Size Forecast by Region

11.2.4 South America Automotive Onboard Quartz Crystal Unit Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Automotive Onboard Quartz Crystal Unit by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

12.1 Global Automotive Onboard Quartz Crystal Unit Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Automotive Onboard Quartz Crystal Unit by Type (2026-2035)

12.1.2 Global Automotive Onboard Quartz Crystal Unit Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Automotive Onboard Quartz Crystal Unit by Type (2026-2035)

12.2 Global Automotive Onboard Quartz Crystal Unit Market Forecast by Application (2026-2035)

12.2.1 Global Automotive Onboard Quartz Crystal Unit Sales (K Units) Forecast by Application

12.2.2 Global Automotive Onboard Quartz Crystal Unit Market Size (M USD) Forecast by Application (2026-2035)

## 13 CONCLUSION AND KEY FINDINGS

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Automotive Onboard Quartz Crystal Unit Market Size by Type (M USD)

Table 4. Global Automotive Onboard Quartz Crystal Unit Market Size by Application

Table 5. Automotive Onboard Quartz Crystal Unit Market Size Comparison by Region (M USD)

Table 6. Global Automotive Onboard Quartz Crystal Unit Sales (K Units) by Manufacturers (2020-2025)

Table 7. Global Automotive Onboard Quartz Crystal Unit Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Automotive Onboard Quartz Crystal Unit Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Automotive Onboard Quartz Crystal Unit Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Automotive Onboard Quartz Crystal Unit as of 2025)

Table 11. Global Market Automotive Onboard Quartz Crystal Unit Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Automotive Onboard Quartz Crystal Unit Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Automotive Onboard Quartz Crystal Unit Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Automotive Onboard Quartz Crystal Unit Sales by Type (K Units)

Table 27. Global Automotive Onboard Quartz Crystal Unit Market Size by Type (M USD)

Table 28. Global Automotive Onboard Quartz Crystal Unit Sales (K Units) by Type (2020-2025)

Table 29. Global Automotive Onboard Quartz Crystal Unit Sales Market Share by Type (2020-2025)

Table 30. Global Automotive Onboard Quartz Crystal Unit Market Size (M USD) by Type (2020-2025)

Table 31. Global Automotive Onboard Quartz Crystal Unit Market Share by Type (2020-2025)

Table 32. Global Automotive Onboard Quartz Crystal Unit Price (USD/Unit) by Type (2020-2025)

Table 33. Global Automotive Onboard Quartz Crystal Unit Sales (K Units) by Application

Table 34. Global Automotive Onboard Quartz Crystal Unit Market Size by Application

Table 35. Global Automotive Onboard Quartz Crystal Unit Sales by Application (2020-2025) & (K Units)

Table 36. Global Automotive Onboard Quartz Crystal Unit Sales Market Share by Application (2020-2025)

Table 37. Global Automotive Onboard Quartz Crystal Unit Market Size by Application (2020-2025) & (M USD)

Table 38. Global Automotive Onboard Quartz Crystal Unit Market Share by Application (2020-2025)

Table 39. Global Automotive Onboard Quartz Crystal Unit Sales Growth Rate by Application (2020-2025)

Table 40. Global Automotive Onboard Quartz Crystal Unit Sales by Region (2020-2025) & (K Units)

Table 41. Global Automotive Onboard Quartz Crystal Unit Sales Market Share by Region (2020-2025)

Table 42. Global Automotive Onboard Quartz Crystal Unit Market Size by Region (2020-2025) & (M USD)

Table 43. Global Automotive Onboard Quartz Crystal Unit Market Size by Region (2020-2025)

Table 44. North America Automotive Onboard Quartz Crystal Unit Sales by Country (2020-2025) & (K Units)

Table 45. North America Automotive Onboard Quartz Crystal Unit Market Size by Country (2020-2025) & (M USD)

Table 46. Europe Automotive Onboard Quartz Crystal Unit Sales by Country (2020-2025) & (K Units)

Table 47. Europe Automotive Onboard Quartz Crystal Unit Market Size by Country

(2020-2025) & (M USD)

Table 48. Asia Pacific Automotive Onboard Quartz Crystal Unit Sales by Region

(2020-2025) & (K Units)

Table 49. Asia Pacific Automotive Onboard Quartz Crystal Unit Market Size by Region

(2020-2025) & (M USD)

Table 50. South America Automotive Onboard Quartz Crystal Unit Sales by Country

(2020-2025) & (K Units)

Table 51. South America Automotive Onboard Quartz Crystal Unit Market Size by

Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Automotive Onboard Quartz Crystal Unit Sales by

Region (2020-2025) & (K Units)

Table 53. Middle East and Africa Automotive Onboard Quartz Crystal Unit Market Size

by Region (2020-2025) & (M USD)

Table 54. Global Automotive Onboard Quartz Crystal Unit Production (K Units) by

Region(2020-2025)

Table 55. Global Automotive Onboard Quartz Crystal Unit Revenue (US\$ Million) by

Region (2020-2025)

Table 56. Global Automotive Onboard Quartz Crystal Unit Revenue Market Share by

Region (2020-2025)

Table 57. Global Automotive Onboard Quartz Crystal Unit Production (K Units),

Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Automotive Onboard Quartz Crystal Unit Production (K Units),

Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Automotive Onboard Quartz Crystal Unit Production (K Units),

Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Automotive Onboard Quartz Crystal Unit Production (K Units),

Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Automotive Onboard Quartz Crystal Unit Production (K Units),

Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. NDK Basic Information

Table 63. NDK Automotive Onboard Quartz Crystal Unit Product Overview

Table 64. NDK Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M

USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. NDK Business Overview

Table 66. NDK SWOT Analysis

Table 67. NDK Recent Developments

Table 68. TXC Corporation Basic Information

Table 69. TXC Corporation Automotive Onboard Quartz Crystal Unit Product Overview

Table 70. TXC Corporation Automotive Onboard Quartz Crystal Unit Sales (K Units),

Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. TXC Corporation Business Overview

Table 72. TXC Corporation SWOT Analysis

Table 73. TXC Corporation Recent Developments

Table 74. Seiko Epson Corp Basic Information

Table 75. Seiko Epson Corp Automotive Onboard Quartz Crystal Unit Product Overview

Table 76. Seiko Epson Corp Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Seiko Epson Corp Business Overview

Table 78. Seiko Epson Corp SWOT Analysis

Table 79. Seiko Epson Corp Recent Developments

Table 80. Kyocera Basic Information

Table 81. Kyocera Automotive Onboard Quartz Crystal Unit Product Overview

Table 82. Kyocera Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. Kyocera Business Overview

Table 84. Kyocera Recent Developments

Table 85. Daishinku Corp (KDS) Basic Information

Table 86. Daishinku Corp (KDS) Automotive Onboard Quartz Crystal Unit Product Overview

Table 87. Daishinku Corp (KDS) Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. Daishinku Corp (KDS) Business Overview

Table 89. Daishinku Corp (KDS) Recent Developments

Table 90. TKD Science Basic Information

Table 91. TKD Science Automotive Onboard Quartz Crystal Unit Product Overview

Table 92. TKD Science Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. TKD Science Business Overview

Table 94. TKD Science Recent Developments

Table 95. Harmony Basic Information

Table 96. Harmony Automotive Onboard Quartz Crystal Unit Product Overview

Table 97. Harmony Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 98. Harmony Business Overview

Table 99. Harmony Recent Developments

Table 100. JGHC Basic Information

Table 101. JGHC Automotive Onboard Quartz Crystal Unit Product Overview

Table 102. JGHC Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M

USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 103. JGHC Business Overview

Table 104. JGHC Recent Developments

Table 105. Diodes Basic Information

Table 106. Diodes Automotive Onboard Quartz Crystal Unit Product Overview

Table 107. Diodes Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 108. Diodes Business Overview

Table 109. Diodes Recent Developments

Table 110. Murata Basic Information

Table 111. Murata Automotive Onboard Quartz Crystal Unit Product Overview

Table 112. Murata Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 113. Murata Business Overview

Table 114. Murata Recent Developments

Table 115. Micro Crystal (Swatch Group) Basic Information

Table 116. Micro Crystal (Swatch Group) Automotive Onboard Quartz Crystal Unit Product Overview

Table 117. Micro Crystal (Swatch Group) Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 118. Micro Crystal (Swatch Group) Business Overview

Table 119. Micro Crystal (Swatch Group) Recent Developments

Table 120. Shenzhen Yangxing Basic Information

Table 121. Shenzhen Yangxing Automotive Onboard Quartz Crystal Unit Product Overview

Table 122. Shenzhen Yangxing Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 123. Shenzhen Yangxing Business Overview

Table 124. Shenzhen Yangxing Recent Developments

Table 125. Hosonic Electronic Basic Information

Table 126. Hosonic Electronic Automotive Onboard Quartz Crystal Unit Product Overview

Table 127. Hosonic Electronic Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 128. Hosonic Electronic Business Overview

Table 129. Hosonic Electronic Recent Developments

Table 130. Guoxin Micro Basic Information

Table 131. Guoxin Micro Automotive Onboard Quartz Crystal Unit Product Overview

Table 132. Guoxin Micro Automotive Onboard Quartz Crystal Unit Sales (K Units),

Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 133. Guoxin Micro Business Overview

Table 134. Guoxin Micro Recent Developments

Table 135. Siward Crystal Technology Basic Information

Table 136. Siward Crystal Technology Automotive Onboard Quartz Crystal Unit Product Overview

Table 137. Siward Crystal Technology Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 138. Siward Crystal Technology Business Overview

Table 139. Siward Crystal Technology Recent Developments

Table 140. Raltron Electronics Corporation Basic Information

Table 141. Raltron Electronics Corporation Automotive Onboard Quartz Crystal Unit Product Overview

Table 142. Raltron Electronics Corporation Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 143. Raltron Electronics Corporation Business Overview

Table 144. Raltron Electronics Corporation Recent Developments

Table 145. Hong Kong Crystal Basic Information

Table 146. Hong Kong Crystal Automotive Onboard Quartz Crystal Unit Product Overview

Table 147. Hong Kong Crystal Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 148. Hong Kong Crystal Business Overview

Table 149. Hong Kong Crystal Recent Developments

Table 150. Abracon Basic Information

Table 151. Abracon Automotive Onboard Quartz Crystal Unit Product Overview

Table 152. Abracon Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 153. Abracon Business Overview

Table 154. Abracon Recent Developments

Table 155. Aker Technology Basic Information

Table 156. Aker Technology Automotive Onboard Quartz Crystal Unit Product Overview

Table 157. Aker Technology Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 158. Aker Technology Business Overview

Table 159. Aker Technology Recent Developments

Table 160. Taitien Electronics Co., Ltd Basic Information

Table 161. Taitien Electronics Co., Ltd Automotive Onboard Quartz Crystal Unit Product Overview

- Table 162. Taitien Electronics Co., Ltd Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 163. Taitien Electronics Co., Ltd Business Overview
- Table 164. Taitien Electronics Co., Ltd Recent Developments
- Table 165. Failong Crystal Technologies Basic Information
- Table 166. Failong Crystal Technologies Automotive Onboard Quartz Crystal Unit Product Overview
- Table 167. Failong Crystal Technologies Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 168. Failong Crystal Technologies Business Overview
- Table 169. Failong Crystal Technologies Recent Developments
- Table 170. IQD Frequency Products Ltd Basic Information
- Table 171. IQD Frequency Products Ltd Automotive Onboard Quartz Crystal Unit Product Overview
- Table 172. IQD Frequency Products Ltd Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 173. IQD Frequency Products Ltd Business Overview
- Table 174. IQD Frequency Products Ltd Recent Developments
- Table 175. Jauch Group Basic Information
- Table 176. Jauch Group Automotive Onboard Quartz Crystal Unit Product Overview
- Table 177. Jauch Group Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 178. Jauch Group Business Overview
- Table 179. Jauch Group Recent Developments
- Table 180. NSK (JenJaan Quartek Corporation) Basic Information
- Table 181. NSK (JenJaan Quartek Corporation) Automotive Onboard Quartz Crystal Unit Product Overview
- Table 182. NSK (JenJaan Quartek Corporation) Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 183. NSK (JenJaan Quartek Corporation) Business Overview
- Table 184. NSK (JenJaan Quartek Corporation) Recent Developments
- Table 185. ECS Basic Information
- Table 186. ECS Automotive Onboard Quartz Crystal Unit Product Overview
- Table 187. ECS Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 188. ECS Business Overview
- Table 189. ECS Recent Developments
- Table 190. Golledge Electronics Basic Information

Table 191. Golledge Electronics Automotive Onboard Quartz Crystal Unit Product Overview

Table 192. Golledge Electronics Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 193. Golledge Electronics Business Overview

Table 194. Golledge Electronics Recent Developments

Table 195. River Eletec Corporation Basic Information

Table 196. River Eletec Corporation Automotive Onboard Quartz Crystal Unit Product Overview

Table 197. River Eletec Corporation Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 198. River Eletec Corporation Business Overview

Table 199. River Eletec Corporation Recent Developments

Table 200. ShenZhen Crystal Technology Industrial Basic Information

Table 201. ShenZhen Crystal Technology Industrial Automotive Onboard Quartz Crystal Unit Product Overview

Table 202. ShenZhen Crystal Technology Industrial Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 203. ShenZhen Crystal Technology Industrial Business Overview

Table 204. ShenZhen Crystal Technology Industrial Recent Developments

Table 205. Shenzhen Genuway Basic Information

Table 206. Shenzhen Genuway Automotive Onboard Quartz Crystal Unit Product Overview

Table 207. Shenzhen Genuway Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 208. Shenzhen Genuway Business Overview

Table 209. Shenzhen Genuway Recent Developments

Table 210. ZheJiang East Crystal Basic Information

Table 211. ZheJiang East Crystal Automotive Onboard Quartz Crystal Unit Product Overview

Table 212. ZheJiang East Crystal Automotive Onboard Quartz Crystal Unit Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 213. ZheJiang East Crystal Business Overview

Table 214. ZheJiang East Crystal Recent Developments

Table 215. Global Automotive Onboard Quartz Crystal Unit Sales Forecast by Region (2026-2035) & (K Units)

Table 216. Global Automotive Onboard Quartz Crystal Unit Market Size Forecast by Region (2026-2035) & (M USD)

Table 217. North America Automotive Onboard Quartz Crystal Unit Sales Forecast by Country (2026-2035) & (K Units)

Table 218. North America Automotive Onboard Quartz Crystal Unit Market Size Forecast by Country (2026-2035) & (M USD)

Table 219. Europe Automotive Onboard Quartz Crystal Unit Sales Forecast by Country (2026-2035) & (K Units)

Table 220. Europe Automotive Onboard Quartz Crystal Unit Market Size Forecast by Country (2026-2035) & (M USD)

Table 221. Asia Pacific Automotive Onboard Quartz Crystal Unit Sales Forecast by Region (2026-2035) & (K Units)

Table 222. Asia Pacific Automotive Onboard Quartz Crystal Unit Market Size Forecast by Region (2026-2035) & (M USD)

Table 223. South America Automotive Onboard Quartz Crystal Unit Sales Forecast by Country (2026-2035) & (K Units)

Table 224. South America Automotive Onboard Quartz Crystal Unit Market Size Forecast by Country (2026-2035) & (M USD)

Table 225. Middle East and Africa Automotive Onboard Quartz Crystal Unit Sales Forecast by Country (2026-2035) & (Units)

Table 226. Middle East and Africa Automotive Onboard Quartz Crystal Unit Market Size Forecast by Country (2026-2035) & (M USD)

Table 227. Global Automotive Onboard Quartz Crystal Unit Sales Forecast by Type (2026-2035) & (K Units)

Table 228. Global Automotive Onboard Quartz Crystal Unit Market Size Forecast by Type (2026-2035) & (M USD)

Table 229. Global Automotive Onboard Quartz Crystal Unit Price Forecast by Type (2026-2035) & (USD/Unit)

Table 230. Global Automotive Onboard Quartz Crystal Unit Sales (K Units) Forecast by Application (2026-2035)

Table 231. Global Automotive Onboard Quartz Crystal Unit Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Automotive Onboard Quartz Crystal Unit
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Automotive Onboard Quartz Crystal Unit Market Size (M USD), 2025-2035
- Figure 5. Global Automotive Onboard Quartz Crystal Unit Market Size (M USD) (2020-2035)
- Figure 6. Global Automotive Onboard Quartz Crystal Unit Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Automotive Onboard Quartz Crystal Unit Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Automotive Onboard Quartz Crystal Unit Product Life Cycle
- Figure 13. Automotive Onboard Quartz Crystal Unit Sales Share by Manufacturers in 2025
- Figure 14. Global Automotive Onboard Quartz Crystal Unit Revenue Share by Manufacturers in 2025
- Figure 15. Automotive Onboard Quartz Crystal Unit Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Automotive Onboard Quartz Crystal Unit Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Automotive Onboard Quartz Crystal Unit Revenue in 2025
- Figure 18. Industry Chain Map of Automotive Onboard Quartz Crystal Unit
- Figure 19. Global Automotive Onboard Quartz Crystal Unit Market PEST Analysis
- Figure 20. Global Automotive Onboard Quartz Crystal Unit Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Automotive Onboard Quartz Crystal Unit Market Share by Type
- Figure 27. Sales Market Share of Automotive Onboard Quartz Crystal Unit by Type

(2020-2025)

Figure 28. Sales Market Share of Automotive Onboard Quartz Crystal Unit by Type in 2025

Figure 29. Market Share of Automotive Onboard Quartz Crystal Unit by Type (2020-2025)

Figure 30. Market Share of Automotive Onboard Quartz Crystal Unit by Type in 2025

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Automotive Onboard Quartz Crystal Unit Market Share by Application

Figure 33. Global Automotive Onboard Quartz Crystal Unit Sales Market Share by Application (2020-2025)

Figure 34. Global Automotive Onboard Quartz Crystal Unit Sales Market Share by Application in 2025

Figure 35. Global Automotive Onboard Quartz Crystal Unit Market Share by Application (2020-2025)

Figure 36. Global Automotive Onboard Quartz Crystal Unit Market Share by Application in 2025

Figure 37. Global Automotive Onboard Quartz Crystal Unit Sales Growth Rate by Application (2020-2025)

Figure 38. Global Automotive Onboard Quartz Crystal Unit Sales Market Share by Region (2020-2025)

Figure 39. Global Automotive Onboard Quartz Crystal Unit Market Size by Region (2020-2025)

Figure 40. North America Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Automotive Onboard Quartz Crystal Unit Sales Market Share by Country in 2024

Figure 43. North America Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Automotive Onboard Quartz Crystal Unit Market Size by Country in 2024

Figure 45. U.S. Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Automotive Onboard Quartz Crystal Unit Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Automotive Onboard Quartz Crystal Unit Market Size (M USD) and

Growth Rate (2020-2025)

Figure 49. Mexico Automotive Onboard Quartz Crystal Unit Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Automotive Onboard Quartz Crystal Unit Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Automotive Onboard Quartz Crystal Unit Sales Market Share by Country in 2024

Figure 53. Europe Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Automotive Onboard Quartz Crystal Unit Market Size by Country in 2024

Figure 55. Germany Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Automotive Onboard Quartz Crystal Unit Sales Market Share by Region in 2024

Figure 67. Asia Pacific Automotive Onboard Quartz Crystal Unit Market Size by Region in 2024

Figure 68. China Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (K Units)

Figure 79. South America Automotive Onboard Quartz Crystal Unit Sales Market Share by Country in 2024

Figure 80. South America Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (M USD)

Figure 81. South America Automotive Onboard Quartz Crystal Unit Market Size by Country in 2024

Figure 82. Brazil Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Automotive Onboard Quartz Crystal Unit Market Size and Growth

Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Automotive Onboard Quartz Crystal Unit Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Automotive Onboard Quartz Crystal Unit Market Size by Region in 2024

Figure 92. Saudi Arabia Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Automotive Onboard Quartz Crystal Unit Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Automotive Onboard Quartz Crystal Unit Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Automotive Onboard Quartz Crystal Unit Production Market Share by Region (2020-2025)

Figure 103. North America Automotive Onboard Quartz Crystal Unit Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Automotive Onboard Quartz Crystal Unit Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Automotive Onboard Quartz Crystal Unit Production (K Units) Growth Rate (2020-2025)

Figure 106. China Automotive Onboard Quartz Crystal Unit Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Automotive Onboard Quartz Crystal Unit Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Automotive Onboard Quartz Crystal Unit Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Automotive Onboard Quartz Crystal Unit Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Automotive Onboard Quartz Crystal Unit Market Share Forecast by Type (2026-2035)

Figure 111. Global Automotive Onboard Quartz Crystal Unit Sales Forecast by Application (2026-2035)

Figure 112. Global Automotive Onboard Quartz Crystal Unit Market Share Forecast by Application (2026-2035)

## I would like to order

Product name: Global Automotive Onboard Quartz Crystal Unit Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G911B925E66DEN.html>

Price: US\$ 3,200.00 (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/G911B925E66DEN.html>