

Global Automotive Grade Quartz Crystal Unit Market Growth 2024-2030

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Abstracts

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Automotive grade quartz crystal units are specialized electronic components designed and manufactured to meet the stringent requirements of the automotive industry. These components play a crucial role in various automotive systems, providing precise timing signals for critical functions such as engine control, transmission control, safety systems, infotainment systems, and telematics.

The global Automotive Grade Quartz Crystal Unit market size is projected to grow from US\$ 668 million in 2024 to US\$ 1606 million in 2030; it is expected to grow at a CAGR of 15.7% from 2024 to 2030.

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

This Insight Report provides a comprehensive analysis of the global Automotive Grade Quartz Crystal Unit landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automotive Grade Quartz Crystal Unit portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these



firms' unique position in an accelerating global Automotive Grade Quartz Crystal Unit market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Grade Quartz Crystal Unit and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automotive Grade Quartz Crystal Unit.

The world's core manufacturers of Automotive Grade Quartz Crystal Unit include NDK, TXC Corporation and Kyocera. The top three companies have a market share of about 58%. Japan is the world's largest market for Automotive Grade Quartz Crystal Unit with a market share of about 40%, followed by China and North America with a market share of 20% and 15%, respectively. In terms of product type, Crystal Units MHz is the largest segment with approximately 47% market share. In terms of application, ADAS is the largest downstream segment, accounting for approximately 32% of the market.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Grade Quartz Crystal Unit market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Crystal Units kHz

Crystal Units MHz

Temperature-Controlled Quartz Crystal Oscillator(TCXO) kHz

Temperature-Controlled Quartz Crystal Oscillator (TCXO)MHz

Voltage-Controlled Quartz Crystal Oscillator (VCXO) kHz

Voltage-Controlled Quartz Crystal Oscillator (VCXO) MHz

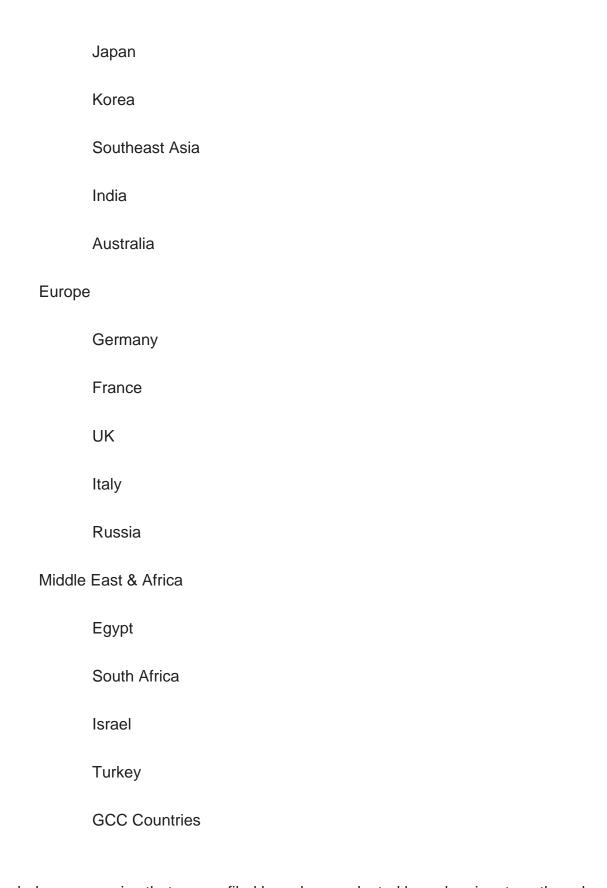
Oven-Controlled Quartz Crystal Oscillator (OCXO)kHz



Oven-Controlled Quartz Crystal Oscillator (OCXO) MHz Quartz Crystals& Clock Oscillator (XO) kHz Quartz Crystals& Clock Oscillator (XO) MHz Segmentation by Application: Chassis & Safety Systems Powertrain Systems **Body Systems ADAS** Infotainment Systems Network & Telematics Systems Others This report also splits the market by region: Americas **United States** Canada Mexico Brazil **APAC**

China





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



NDK
TXC Corporation
Kyocera
Seiko Epson Corp
Daishinku Corp (KDS)
TKD Science
Guoxin Micro
Harmony
Shenzhen Yangxing
JGHC
Micro Crystal (Swatch Group)
Diodes
Murata
River Eletec Corporation
Hosonic Electronic
Siward Crystal Technology
Aker Technology
Raltron Electronics Corporation
Abracon



Hong Kong Crystal IQD Frequency Products Ltd Failong Crystal Technologies **ECS** Jauch Group NSK (JenJaan Quartek Corporation) ZheJiang East Crystal Golledge Electronics ShenZhen Crystal Technology Industrial Taitien Electronics Co., Ltd Shenzhen Genuway Rakon Limited Key Questions Addressed in this Report What is the 10-year outlook for the global Automotive Grade Quartz Crystal Unit market? What factors are driving Automotive Grade Quartz Crystal Unit market growth, globally and by region?

size?

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

How do Automotive Grade Quartz Crystal Unit market opportunities vary by end market



How does Automotive Grade Quartz Crystal Unit break out by Type, by Application?



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