

Global 32.768 kHz Resonator & Oscillators Competitive Landscape Professional Research Report 2025

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Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global 32.768 kHz Resonator & Oscillators market size will reach 1,482.41 Million USD in 2025 and is projected to reach 3,440.27 Million USD by 2032, with a CAGR of 12.78% (2025-2032). Notably, the China 32.768 kHz Resonator & Oscillators market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

A 32.768 kHz resonator and oscillator are electronic components utilized for generating a stable clock signal at a frequency of 32.768 kHz. Typically employed in real-time clock (RTC) circuits and low-power applications, these components play a crucial role in precise timekeeping functions. The resonator, often a ceramic-based component, vibrates at its natural frequency when subjected to an electrical signal, while the oscillator, an electronic circuit, generates a periodic waveform at this frequency. This specific frequency is favored for its power efficiency and compatibility with quartz crystal technology, making it ideal for applications requiring accurate timekeeping, such as in watches, small electronic devices, and microcontroller-based systems.

The major global manufacturers of 32.768 kHz Resonator & Oscillators include Seiko Epson, Nihon Dempa Kogyo (NDK), Daishinku Corp (KDS), Kyocera Crystal Device (KCD), TKD Science and Technology, TXC, SiTime, Microchip, Rakon, Hosonic Electronic, Murata/TEW, Siward Crystal Technology, Micro Crystal, Diodes

Incorporated, Harmony Electronics Corp (H.ELE.), Failong Crystal Technologies, Tai-Saw Technology, River Eletec, Taitien, AnHui Jing Sai Technology, ShenZhen Yangxing Technology (YXC), Abracon, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of 32.768 kHz Resonator & Oscillators. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global 32.768 kHz Resonator & Oscillators market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the 32.768 kHz Resonator & Oscillators market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of 32.768 kHz Resonator & Oscillators industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of 32.768 kHz Resonator & Oscillators Include:

Seiko Epson

Nihon Dempa Kogyo (NDK)

Daishinku Corp (KDS)

Kyocera Crystal Device (KCD)

TKD Science and Technology

TXC

SiTime

Microchip

Rakon

Hosonic Electronic

Murata/TEW

Siward Crystal Technology

Micro Crystal

Diodes Incorporated

Harmony Electronics Corp (H.ELE.)

Failong Crystal Technologies

Tai-Saw Technology

River Eletec

Taitien

AnHui Jing Sai Technology

ShenZhen Yangxing Technology (YXC)

Abracon

32.768 kHz Resonator & Oscillators Product Segment Include:

Silicon Based

Quartz Crystal

32.768 kHz Resonator & Oscillators Product Application Include:

Consumer Electronics

Automotive

Home Appliance

IT & Telecommunication

Medical Equipment

Others

Chapter Scope

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

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