

# Global Niobium Oxide Capacitors Market Research Report 2022 Professional Edition

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## Abstracts

The global Niobium Oxide Capacitors market was valued at 6.37 Million USD in 2021 and will grow with a CAGR of 3.54% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

A niobium oxide capacitor contains a layer of Nb<sub>2</sub>O<sub>5</sub> which is formed around NbO (niobium monoxide) grains as the dielectric. Niobium oxide capacitors have stable capacitance, leakage current and ESR parameters over time. This means functionality and performance both remain reliable and consistent. They also do not exhibit any piezo effect and have no voltage dependence, thus making them a good fit in coupling circuits. Niobium oxide capacitor, a type of special capacitor, has some advantages compared with the common capacitor. The niobium oxide capacitors are mainly used for automotive, consumer electronic industry and so on. The consumer electronic is the largest usage of the global market with the share of about 50%, followed by the automotive usage with 22%. The global average price of niobium oxide capacitors is in the increasing trend in 2011-2016, from about 0.154 \$/Unit in 2011 to 0.143 \$/Unit in 2016. The price will be in declining trend while the price of the raw material will be reduced. The sales volume of niobium oxide capacitors will reach about 41 Million Units in 2016 from 32 Million Units in 2011 all around the world, with the CAGR of 5%. Japan is the biggest market for niobium oxide capacitors, and produced about 27.6 million units (about 2/3 of the global total) of niobium oxide capacitors in 2015. USA is another

key producer of the product, and the global top two areas took up about 30% of the market. And Japan is the largest sales market of niobium oxide capacitors in the world in the past few years and it will keep the same position in the next years. Japanese sales volume took up about 67% the global market in 2015. And Japan is the largest exporter of niobium oxide capacitors in the world at present. USA is the second largest market in the report with a consumption share of about 27% in 2015. Currently, AVX (part of Kyocera) is the most well-known players in the global niobium oxide capacitors market, and AVX took up more than 90% of the global market in 2015. Vishay is the other players of the market that commercialized, but the scale is much smaller than AVX. Although sales of niobium oxide capacitors brought some opportunity, the study group recommends that the new entrants do not enter into the niobium oxide capacitors field if you just have money but no technical advantage, brand advantage or downstream support.

By Market Vendors:

AVX

Vishay

Holy Stone

By Types:

General

High CV

Low ESR

Low Profile

By Applications:

Consumer electronic

Automotive

Power supply

## Industrial

### Key Indicators Analysed

**Market Players & Competitor Analysis:** The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

**Global and Regional Market Analysis:** The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

**Market Trends:** Market key trends which include Increased Competition and Continuous Innovations.

**Opportunities and Drivers:** Identifying the Growing Demands and New Technology

**Porters Five Force Analysis:** The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

### Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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