

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Trimmers Variable Capacitors Market 2018, Forecast to 2023

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Abstracts

Tuning capacitors may have their capacitance changed by mechanical motion.

Generally two versions has to be distinguished

Variable capacitor ? variable capacitor for intentionally and repeatedly tuning an oscillator circuit in a radio or another tuned circuit.

Trimmer capacitor ? small variable capacitor usually for one-time oscillator circuit internal adjustment

Variable capacitors include capacitors that use a mechanical construction to change the distance between the plates, or the amount of plate surface area which overlaps. They mostly use air as dielectric medium.

Trimmer capacitors are variable capacitors which serve the purpose of initial calibration of equipment during manufacturing or servicing. They are not intended for end-user interaction. Trimmer capacitors are mostly mounted directly on the PCB (Printed Circuit Board), so the user does not have access to them, and set during manufacturing using a small screwdriver. Due to their nature, trimmer capacitors are cheaper than full sized variable capacitors and rated for many fewer adjustments.

Trimmer capacitors are used to initially set oscillator frequency values, latencies, rise and fall times and other variables in a circuit. Should the values drift over time, these trimmer capacitors allow repairmen to re-calibrate equipment when needed. There are two types of trimmer capacitors: air trimmer capacitor and ceramic trimmer capacitor. These two types use different materials as the dielectric. Both types use rotating action to change the capacitance value. The construction of trimmer capacitors is similar to the construction of their larger variant, the variable capacitor. Trimmer capacitors can be made of semi-circular metal plates. One is fixed, while the other can be rotated using a screwdriver.

SCOPE OF THE REPORT:

This report focuses on the Trimmers Variable Capacitors in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Murata, Vishay and Voltronics Corporation captured the top three revenue share spots in the Trimmers/Variable Capacitors market in 2015. Murata dominated with 53.62 percent revenue share, followed by Vishay with 10.89 percent revenue share and Voltronics Corporation with 7.81 percent revenue share.

Despite the presence of competition problems, due to the clear global recovery trend, investors are still optimistic about this area, in future still more new investment will enter into the field. Technology and cost are two major problems.

Although sales of Trimmers/Variable Capacitors brought a lot of opportunities, for the new entrants with only advantage in capital but without sufficient support in technology and downstream channels, the research group does not recommend taking risk of entering this market.

The worldwide market for Trimmers Variable Capacitors is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Vishay

Murata

Voltronics Corporation

Tusonix

COMET

Johanson

Sprague goodman

NEWCONT

Best

Fu Shan Electronics

NTSDDZ

Jennings

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Air gap variable capacitors

Vacuum variable capacitors

SF6 gas filled variable capacitor

Air gap trimmer capacitors

Ceramic trimmer capacitors

Others

Market Segment by Applications, can be divided into

Electronic components

Medical devices

Communication equipment

Other Application

There are 15 Chapters to deeply display the global Trimmers Variable Capacitors market.

Chapter 1, to describe Trimmers Variable Capacitors Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Trimmers Variable Capacitors , with sales, revenue, and price of Trimmers Variable Capacitors , in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Trimmers Variable Capacitors , for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Trimmers Variable Capacitors market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Trimmers Variable Capacitors sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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