

Global Varactor Diodes Market Analysis 2015-2019 and Forecast 2020-2025

<https://marketpublishers.com/r/G57CD7BBBFCEN.html>

Date: January 2020

Pages: 90

Price: US\$ 2,980.00 (Single User License)

ID: G57CD7BBBFCEN

Abstracts

SNAPSHOT

Varactor Diodes also known as a variable capacitance diode, varicap diode or variable reactance diode, is a diode that has a variable capacitance which is a function of the voltage that is impressed on its terminals. Tuning / varactor diodes are operated reverse-biased, and therefore no current flows. However, since the thickness of the depletion zone varies with the applied bias voltage, the capacitance of the diode can be made to vary. Usually, the capacitance is inversely proportional to the depletion region thickness and the depletion region thickness is proportional to the square root of the applied voltage. Therefore, the capacitance is inversely proportional to the square root of the voltage applied to the diode.

The global Varactor Diodes market size is estimated at xxx million USD with a CAGR xx% from 2015-2019 and is expected to reach xxx Million USD in 2020 with a CAGR xx% from 2020 to 2025. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Varactor Diodes by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

VR ? 20V

20V

VR > 30V

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main Products etc.):

Microsemi

Infineon

MACOM

NXP

ON Semiconductors

API Technologies

Cobham

Skyworks Solutions

Toshiba

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Voltage Controlled Oscillators

RF Filters

Others

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc.)

Asia-Pacific (China, India, Japan, Southeast Asia etc.)

South America (Brazil, Argentina etc.)

Middle East & Africa (Saudi Arabia, South Africa etc.)

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