

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Thick Film Resistors Market 2018, Forecast to 2023

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Abstracts

Thin and thick film resistors are the most common types in the market. They are characterized by a resistive layer on a ceramic base. Although their appearance might be very similar, their properties and manufacturing process are very different. The naming originates from the different layer thicknesses. Thin film has a thickness in the order of 0.1 micrometer or smaller, while thick film is around thousands time thicker. However, the main difference is method the resistive film is applied onto the substrate. Thin film resistors have a metallic film that is vacuum deposited on an insulating substrate. Thick film resistors are produced by firing a special paste onto the substrate. The paste is a mixture of glass and metal oxides. Thin film is more accurate, has a better temperature coefficient and is more stable. It therefore competes with other technologies that feature high precision, such as wire wound or bulk metal foil. On the other hand, thick film is preferred for applications where these high requirements are not critical since prices are much lower. This report studies the Thick Film Resistors market.

SCOPE OF THE REPORT:

This report focuses on the Thick Film Resistors 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. In this study, the market for Thick Film Resistors consumption divided into six geographic regions: In North America, total Thick Film Resistors accounted for 6.84 %. In the Europe, total Thick Film Resistors accounted for 10.82 %. The market in China Thick Film Resistors accounted for 45.07 %, in Southeast Asia 14.68%, in Japan 8.23%, in Asia Others region 9.36% and in global other region 4.99 %. Among all regions, China is estimated to represent the highest share due to a lot of ODM and EMS

players there.

On the basis of product type, they come usually as chip resistor (SMD), and have the lowest cost compared to through hole technology. The SMD type segment is projected to account for the largest volume share during the forecast period; this segment was estimated to account for 92.27 % market share in 2017.

In the applications, the consumer electronics and telecommunications segment were estimated to account for the highest volume share of 67.86 % in 2017. Thick film resistors have a wide range of applications and are indispensable parts of the consumer electronics, communications, automotive, industrial, medical, and energy industries. Thus, manufactures are very optimistic about the industry's prospects. Although the recent market price is relatively turbulent, it is believed that manufacturers will soon regulate the stability of the market and make the thick film resistors develop steadily.

The worldwide market for Thick Film Resistors is expected to grow at a CAGR of roughly 3.9% over the next five years, will reach 1280 million US\$ in 2023, from 1010 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Yageo

Ta-I Technology Co., Ltd

KOA

Vishay

Ralec Electronics Corp.

Walsin Technology Corporation

Fenghua Advanced Technology

Samsung Electro-Mechanics

Panasonic

Uni Ohm

Rohm Co., Ltd.

Tateyama Kagaku Industry Co., Ltd.

Elektronische Bauelemente GmbH (EBG)

Ever Ohms Technology Co., Ltd.

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

SMD Type

Through Hole Type

Market Segment by Applications, can be divided into

Consumer Electronics

Telecommunications

Automotive/Energy

Industrial/Medical

Others

There are 15 Chapters to deeply display the global Thick Film Resistors market.

Chapter 1, to describe Thick Film Resistors Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Thick Film Resistors, with sales, revenue, and price of Thick Film Resistors, 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 Thick Film Resistors, 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, Thick Film Resistors market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Thick Film Resistors sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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