

Global Piezoceramic Components for Automotives Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Piezoceramic Components for Automotives market size was valued at US\$ 175 million in 2024 and is forecast to a readjusted size of USD 237 million by 2031 with a CAGR of 4.5% during review period.

Piezoceramic Components refer to piezoceramic elements /components which are ceramic sheets that utilize the reversibility of the piezoelectric effect to apply an audio voltage thereon to cause mechanical vibration and sound. As today's vehicles incorporate more and more sophisticated driving aids and sensing technology technology, industrial piezoelectric components are becoming increasingly important to manufacturers. In fact, automotive technology is currently the second-largest market for piezoelectric ceramic products.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

This report is a detailed and comprehensive analysis for global Piezoceramic Components for Automotives market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Piezoceramic Components for Automotives market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Piezoceramic Components for Automotives market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Piezoceramic Components for Automotives market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Piezoceramic Components for Automotives market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Piezoceramic Components for Automotives
To forecast future growth in each product and end-use market
To forecast future factors affecting the marketplace

This report profiles key players in the global Piezoceramic Components for Automotives market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include KYOCERA Corporation, CeramTec GmbH, PI Ceramic GmbH, Fuji Ceramics Corporation, Johnson Matthey,

CTS Corporation, Piezo Technologies, TRS Technologies, Meggitt PLC, Piezo Kinetics Inc, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Piezoceramic Components for Automotives market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single Plate Piezo Ceramics

Multilayer Piezo Ceramics

Market segment by Application

Direct Automotive Applications

Indirect Automotive Applications

Major players covered

KYOCERA Corporation

CeramTec GmbH

PI Ceramic GmbH

Fuji Ceramics Corporation

Johnson Matthey

CTS Corporation

Piezo Technologies

TRS Technologies

Meggitt PLC

Piezo Kinetics Inc

APC International, Ltd

Sparkler Ceramics Pvt. Ltd

Weifang Jude Electronic Co., Ltd

Boston Piezo-Optics Inc.

Changzhou Keliking Electronics

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Piezoceramic Components for Automotives product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Piezoceramic Components for Automotives, with price, sales quantity, revenue, and global market share of Piezoceramic Components for Automotives from 2020 to 2025.

Chapter 3, the Piezoceramic Components for Automotives competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Piezoceramic Components for Automotives breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Piezoceramic Components for Automotives market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Piezoceramic Components for Automotives.

Chapter 14 and 15, to describe Piezoceramic Components for Automotives sales channel, distributors, customers, research findings and conclusion.

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