

Asia-Pacific Piezo Ceramic Technology Market by Manufacturers, Regions, Type and Application, Forecast to 2022

<https://marketpublishers.com/r/AC6A08658A8EN.html>

Date: April 2017

Pages: 119

Price: US\$ 4,480.00 (Single User License)

ID: AC6A08658A8EN

Abstracts

The piezoelectric ceramic is a kind of functional ceramic materials which can create electricity when subjected to a mechanical stress. They will also work in reverse, generating a strain by the application of an electric field. In sensors they make it possible to convert forces, pressures and accelerations into electrical signals, and in sonic and ultrasonic transducers and actuators they convert electric voltages into vibrations or deformations.

Scope of the Report:

This report focuses on the Piezo Ceramic Technology in Asia-Pacific market, especially in China, Japan, Korea, Taiwan, Southeast Asia, India and Australia. This report categorizes the market based on manufacturers, countries/Regions, type and application.

Market Segment by Manufacturers, this report covers

MURATA

TDK

MORGAN

Konghong Corporation

TAIYO YUDEN

KYOCERA

CeramTec

Exelis

Noliac

TRS

KEPO Electronics

APC International

Smart Material

Jiakang Electronics

SensorTech

Meggitt Sensing

Sparkler Ceramics

Johnson Matthey

PI Ceramic

Kinetic Ceramics

Datong Electronic

Honghua Electronic

Audiowell

Risun Electronic

PANT

Yuhai Electronic Ceramic

Market Segment by Countries, covering

China

Japan

Korea

Taiwan

Southeast Asia

India

Australia

Market Segment by Type, covers

Lead zinc titanates (PZT)

Lead titanate (PT)

Lead magnesium niobate (PMN)

Market Segment by Applications, can be divided into

Industrial&Manufacturing

Automotive

Information&Telecommunication

Medical Devices

Others

There are 19 Chapters to deeply display the Asia-Pacific Piezo Ceramic Technology market.

Chapter 1, to describe Piezo Ceramic Technology Introduction, product type and application, market overview, market analysis by countries, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Piezo Ceramic Technology, with profile, main business, news, sales, price, revenue and market share 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 Asia-Pacific market by countries, covering China, Japan, Korea, Southeast Asia, Taiwan, India and Australia, with sales, price, revenue and market share of Piezo Ceramic Technology, for each country, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8, 9, 10, 11, 12 and 13 to analyze the key countries by manufacturers, Type and Application, covering China, Japan, Korea, Southeast Asia, Taiwan, India and Australia, with sales, revenue and market share by manufacturers, types and application;

Chapter 14, Piezo Ceramic Technology market forecast, by countries, type and application, with sales, price, revenue and growth rate forecast, from 2017 to 2022;

Chapter 15, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 16, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 17, to describe sales channel, distributors, traders, dealers etc.

Chapter 18 and 19, to describe the research findings and conclusion, appendix, methodology and data source

Contents

Table of Contents

1 MARKET OVERVIEW

- 1.1 Piezo Ceramic Technology Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Lead zinc titanates (PZT)
 - 1.2.2 Lead titanate (PT)
 - 1.2.3 Lead magnesium niobate (PMN)
- 1.3 Market Analysis by Applications
 - 1.3.1 Industrial&Manufacturing
 - 1.3.2 Automotive
 - 1.3.3 Information&Telecommunication
 - 1.3.4 Medical Devices
 - 1.3.5 Others
- 1.4 Market Analysis by Countries
 - 1.4.1 China Status and Prospect (2012-2022)
 - 1.4.2 Korea Status and Prospect (2012-2022)
 - 1.4.3 Japan Status and Prospect (2012-2022)
 - 1.4.4 Taiwan Status and Prospect (2012-2022)
 - 1.4.5 Southeast Asia Status and Prospect (2012-2022)
 - 1.4.6 India Status and Prospect (2012-2022)
 - 1.4.7 Australia Status and Prospect (2012-2022)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

- 2.1 MURATA
 - 2.1.1 Profile
 - 2.1.2 Piezo Ceramic Technology Type and Applications
 - 2.1.2.1 Type
 - 2.1.2.2 Type
 - 2.1.3 MURATA Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

- 2.1.4 Business Overview
- 2.1.5 MURATA News
- 2.2 TDK
 - 2.2.1 Profile
 - 2.2.2 Piezo Ceramic Technology Type and Applications
 - 2.2.2.1 Type
 - 2.2.2.2 Type
 - 2.2.3 TDK Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.2.4 Business Overview
 - 2.2.5 TDK News
- 2.3 MORGAN
 - 2.3.1 Profile
 - 2.3.2 Piezo Ceramic Technology Type and Applications
 - 2.3.2.1 Type
 - 2.3.2.2 Type
 - 2.3.3 MORGAN Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.3.4 Business Overview
 - 2.3.5 MORGAN News
- 2.4 Konghong Corporation
 - 2.4.1 Profile
 - 2.4.2 Piezo Ceramic Technology Type and Applications
 - 2.4.2.1 Type
 - 2.4.2.2 Type
 - 2.4.3 Konghong Corporation Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.4.4 Business Overview
 - 2.4.5 Konghong Corporation News
- 2.5 TAIYO YUDEN
 - 2.5.1 Profile
 - 2.5.2 Piezo Ceramic Technology Type and Applications
 - 2.5.2.1 Type
 - 2.5.2.2 Type
 - 2.5.3 TAIYO YUDEN Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.5.4 Business Overview
 - 2.5.5 TAIYO YUDEN News
- 2.6 KYOCERA

- 2.6.1 Profile
- 2.6.2 Piezo Ceramic Technology Type and Applications
 - 2.6.2.1 Type
 - 2.6.2.2 Type
- 2.6.3 KYOCERA Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.6.4 Business Overview
- 2.6.5 KYOCERA News
- 2.7 CeramTec
 - 2.7.1 Profile
 - 2.7.2 Piezo Ceramic Technology Type and Applications
 - 2.7.2.1 Type
 - 2.7.2.2 Type
 - 2.7.3 CeramTec Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.7.4 Business Overview
 - 2.7.5 CeramTec News
- 2.8 Exelis
 - 2.8.1 Profile
 - 2.8.2 Piezo Ceramic Technology Type and Applications
 - 2.8.2.1 Type
 - 2.8.2.2 Type
 - 2.8.3 Exelis Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.8.4 Business Overview
 - 2.8.5 Exelis News
- 2.9 Noliac
 - 2.9.1 Profile
 - 2.9.2 Piezo Ceramic Technology Type and Applications
 - 2.9.2.1 Type
 - 2.9.2.2 Type
 - 2.9.3 Noliac Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.9.4 Business Overview
 - 2.9.5 Noliac News
- 2.10 TRS
 - 2.10.1 Profile
 - 2.10.2 Piezo Ceramic Technology Type and Applications
 - 2.10.2.1 Type

- 2.10.2.2 Type
- 2.10.3 TRS Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.10.4 Business Overview
- 2.10.5 TRS News
- 2.11 KEPO Electronics
 - 2.11.1 Profile
 - 2.11.2 Piezo Ceramic Technology Type and Applications
 - 2.11.2.1 Type
 - 2.11.2.2 Type
 - 2.11.3 KEPO Electronics Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.11.4 Business Overview
 - 2.11.5 KEPO Electronics News
- 2.12 APC International
 - 2.12.1 Profile
 - 2.12.2 Piezo Ceramic Technology Type and Applications
 - 2.12.2.1 Type
 - 2.12.2.2 Type
 - 2.12.3 APC International Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.12.4 Business Overview
 - 2.12.5 APC International News
- 2.13 Smart Material
 - 2.13.1 Profile
 - 2.13.2 Piezo Ceramic Technology Type and Applications
 - 2.13.2.1 Type
 - 2.13.2.2 Type
 - 2.13.3 Smart Material Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.13.4 Business Overview
 - 2.13.5 Smart Material News
- 2.14 Jiakang Electronics
 - 2.14.1 Profile
 - 2.14.2 Piezo Ceramic Technology Type and Applications
 - 2.14.2.1 Type
 - 2.14.2.2 Type
 - 2.14.3 Jiakang Electronics Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

- 2.14.4 Business Overview
- 2.14.5 Jiakang Electronics News
- 2.15 SensorTech
 - 2.15.1 Profile
 - 2.15.2 Piezo Ceramic Technology Type and Applications
 - 2.15.2.1 Type
 - 2.15.3 SensorTech Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.15.4 Business Overview
 - 2.15.5 SensorTech News
- 2.16 Meggitt Sensing
 - 2.16.1 Profile
 - 2.16.2 Piezo Ceramic Technology Type and Applications
 - 2.16.2.1 Type
 - 2.16.2.2 Type
 - 2.16.3 Meggitt Sensing Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.16.4 Business Overview
 - 2.16.5 Meggitt Sensing News
- 2.17 Sparkler Ceramics
 - 2.17.1 Profile
 - 2.17.2 Piezo Ceramic Technology Type and Applications
 - 2.17.2.1 Type
 - 2.17.2.2 Type
 - 2.17.3 Sparkler Ceramics Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.17.4 Business Overview
 - 2.17.5 Sparkler Ceramics News
- 2.18 Johnson Matthey
 - 2.18.1 Profile
 - 2.18.2 Piezo Ceramic Technology Type and Applications
 - 2.18.2.1 Type
 - 2.18.2.2 Type
 - 2.18.3 Johnson Matthey Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.18.4 Business Overview
 - 2.18.5 Johnson Matthey News
- 2.19 PI Ceramic

- 2.19.1 Profile
- 2.19.2 Piezo Ceramic Technology Type and Applications
 - 2.19.2.1 Type
 - 2.19.2.2 Type
- 2.19.3 PI Ceramic Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.19.4 Business Overview
- 2.19.5 PI Ceramic News
- 2.20 Kinetic Ceramics
 - 2.20.1 Profile
 - 2.20.2 Piezo Ceramic Technology Type and Applications
 - 2.20.2.1 Type
 - 2.20.2.2 Type
 - 2.20.3 Kinetic Ceramics Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.20.4 Business Overview
 - 2.20.5 Kinetic Ceramics News
- 2.21 Datong Electronic
 - 2.21.1 Profile
 - 2.21.2 Piezo Ceramic Technology Type and Applications
 - 2.21.2.1 Type
 - 2.21.2.2 Type
 - 2.21.3 Datong Electronic Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.21.4 Business Overview
 - 2.21.5 Datong Electronic News
- 2.22 Honghua Electronic
 - 2.22.1 Profile
 - 2.22.2 Piezo Ceramic Technology Type and Applications
 - 2.22.2.1 Type
 - 2.22.2.2 Type
 - 2.22.3 Honghua Electronic Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.22.4 Business Overview
 - 2.22.5 Honghua Electronic News
- 2.23 Audiowell
 - 2.23.1 Profile
 - 2.23.2 Piezo Ceramic Technology Type and Applications
 - 2.23.2.1 Type

- 2.23.2.2 Type
- 2.23.3 Audiowell Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.23.4 Business Overview
- 2.23.5 Audiowell News
- 2.24 Risun Electronic
 - 2.24.1 Profile
 - 2.24.2 Piezo Ceramic Technology Type and Applications
 - 2.24.2.1 Type
 - 2.24.2.2 Type
 - 2.24.3 Risun Electronic Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.24.4 Business Overview
 - 2.24.5 Risun Electronic News
- 2.25 PANT
 - 2.25.1 Profile
 - 2.25.2 Piezo Ceramic Technology Type and Applications
 - 2.25.2.1 Type
 - 2.25.2.2 Type
 - 2.25.3 PANT Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.25.4 Business Overview
 - 2.25.5 PANT News
- 2.26 Yuhai Electronic Ceramic
 - 2.26.1 Profile
 - 2.26.2 Piezo Ceramic Technology Type and Applications
 - 2.26.2.1 Type
 - 2.26.2.2 Type
 - 2.26.3 Yuhai Electronic Ceramic Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.26.4 Business Overview
 - 2.26.5 Yuhai Electronic Ceramic News

3 ASIA-PACIFIC PIEZO CERAMIC TECHNOLOGY MARKET COMPETITION, BY MANUFACTURER

- 3.1 Asia-Pacific Piezo Ceramic Technology Sales and Market Share by Manufacturer (2016-2017)
- 3.2 Asia-Pacific Piezo Ceramic Technology Revenue and Market Share by

Manufacturer (2016-2017)

3.3 Asia-Pacific Piezo Ceramic Technology Price by Manufacturers (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Piezo Ceramic Technology Manufacturer Market Share

3.4.2 Top 5 Piezo Ceramic Technology Manufacturer Market Share

3.5 Market Competition Trend

4 ASIA-PACIFIC PIEZO CERAMIC TECHNOLOGY MARKET ANALYSIS BY COUNTRIES/REGIONS

4.1 Asia-Pacific Piezo Ceramic Technology Sales Market Share by Countries/Regions

4.2 Asia-Pacific Piezo Ceramic Technology Sales by Countries/Regions (2012-2017)

4.3 Asia-Pacific Piezo Ceramic Technology Revenue (Value) by Countries (2012-2017)

5 ASIA-PACIFIC MARKET SEGMENTATION PIEZO CERAMIC TECHNOLOGY BY TYPE

5.1 Asia-Pacific Piezo Ceramic Technology Sales, Revenue and Market Share by Type (2012-2017)

5.1.1 Asia-Pacific Piezo Ceramic Technology Sales and Market Share by Type (2012-2017)

5.1.2 Asia-Pacific Piezo Ceramic Technology Revenue and Market Share by Type (2012-2017)

5.2 Lead zinc titanates (PZT) Sales Growth and Price

5.2.1 Asia-Pacific Lead zinc titanates (PZT) Sales Growth (2012-2017)

5.2.2 Asia-Pacific Lead zinc titanates (PZT) Price (2012-2017)

5.3 Lead titanate (PT) Sales Growth and Price

5.3.1 Asia-Pacific Lead titanate (PT) Sales Growth (2012-2017)

5.3.2 Asia-Pacific Lead titanate (PT) Price (2012-2017)

5.4 Lead magnesium niobate (PMN) Sales Growth and Price

5.4.1 Asia-Pacific Lead magnesium niobate (PMN) Sales Growth (2012-2017)

5.4.2 Asia-Pacific Lead magnesium niobate (PMN) Price (2012-2017)

6 ASIA-PACIFIC MARKET SEGMENTATION PIEZO CERAMIC TECHNOLOGY BY APPLICATION

6.1 Asia-Pacific Piezo Ceramic Technology Sales Market Share by Application (2012-2017)

6.2 Industrial&Manufacturing Sales Growth (2012-2017)

- 6.3 Automotive Sales Growth (2012-2017)
- 6.4 Information&Telecommunication Sales Growth (2012-2017)
- 6.5 Medical Devices Sales Growth (2012-2017)
- 6.6 Others Sales Growth (2012-2017)

7 CHINA PIEZO CERAMIC TECHNOLOGY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 7.1 China Piezo Ceramic Technology Revenue, Sales and Growth Rate (2012-2017)
- 7.2 China Piezo Ceramic Technology Sales and Market Share by Type
- 7.3 China Piezo Ceramic Technology Sales by Application (2012-2017)
- 7.4 China Piezo Ceramic Technology Sales, Revenue and Market Share by Manufacturer
 - 7.4.1 China Piezo Ceramic Technology Sales and Market Share by Manufacturer
 - 7.4.2 China Piezo Ceramic Technology Revenue and Market Share by Manufacturer
- 7.5 China Piezo Ceramic Technology Export and Import (2012-2017)

8 JAPAN PIEZO CERAMIC TECHNOLOGY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 8.1 Japan Piezo Ceramic Technology Revenue, Sales and Growth Rate (2012-2017)
- 8.2 Japan Piezo Ceramic Technology Sales and Market Share by Type
- 8.3 Japan Piezo Ceramic Technology Sales by Application (2012-2017)
- 8.4 Japan Piezo Ceramic Technology Sales, Revenue and Market Share by Manufacturer
 - 8.4.1 Japan Piezo Ceramic Technology Sales and Market Share by Manufacturer
 - 8.4.2 Japan Piezo Ceramic Technology Revenue and Market Share by Manufacturer
- 8.5 Japan Piezo Ceramic Technology Export and Import (2012-2017)

9 KOREA PIEZO CERAMIC TECHNOLOGY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Korea Piezo Ceramic Technology Revenue, Sales and Growth Rate (2012-2017)
- 9.2 Korea Piezo Ceramic Technology Sales and Market Share by Type
- 9.3 Korea Piezo Ceramic Technology Sales by Application (2012-2017)
- 9.4 Korea Piezo Ceramic Technology Sales, Revenue and Market Share by Manufacturer
 - 9.4.1 Korea Piezo Ceramic Technology Sales and Market Share by Manufacturer
 - 9.4.2 Korea Piezo Ceramic Technology Revenue and Market Share by Manufacturer

9.5 Korea Piezo Ceramic Technology Export and Import (2012-2017)

10 TAIWAN PIEZO CERAMIC TECHNOLOGY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

10.1 Taiwan Piezo Ceramic Technology Revenue, Sales and Growth Rate (2012-2017)

10.2 Taiwan Piezo Ceramic Technology Sales and Market Share by Type

10.3 Taiwan Piezo Ceramic Technology Sales by Application (2012-2017)

10.4 Taiwan Piezo Ceramic Technology Sales, Revenue and Market Share by Manufacturer

10.4.1 Taiwan Piezo Ceramic Technology Sales and Market Share by Manufacturer

10.4.2 Taiwan Piezo Ceramic Technology Revenue and Market Share by Manufacturer

10.5 Taiwan Piezo Ceramic Technology Export and Import (2012-2017)

11 SOUTHEAST ASIA PIEZO CERAMIC TECHNOLOGY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

11.1 Southeast Asia Piezo Ceramic Technology Revenue, Sales and Growth Rate (2012-2017)

11.2 Southeast Asia Piezo Ceramic Technology Sales and Market Share by Type

11.3 Southeast Asia Piezo Ceramic Technology Sales by Application (2012-2017)

11.4 Southeast Asia Piezo Ceramic Technology Sales, Revenue and Market Share by Manufacturer

11.4.1 Southeast Asia Piezo Ceramic Technology Sales and Market Share by Manufacturer

11.4.2 Southeast Asia Piezo Ceramic Technology Revenue and Market Share by Manufacturer

11.5 Southeast Asia Piezo Ceramic Technology Export and Import (2012-2017)

12 INDIA PIEZO CERAMIC TECHNOLOGY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

12.1 India Piezo Ceramic Technology Revenue, Sales and Growth Rate (2012-2017)

12.2 India Piezo Ceramic Technology Sales and Market Share by Type

12.3 India Piezo Ceramic Technology Sales by Application (2012-2017)

12.4 India Piezo Ceramic Technology Sales, Revenue and Market Share by Manufacturer

12.4.1 India Piezo Ceramic Technology Sales and Market Share by Manufacturer

- 12.4.2 India Piezo Ceramic Technology Revenue and Market Share by Manufacturer
- 12.5 India Piezo Ceramic Technology Export and Import (2012-2017)

13 AUSTRALIA PIEZO CERAMIC TECHNOLOGY SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 13.1 Australia Piezo Ceramic Technology Revenue, Sales and Growth Rate (2012-2017)
- 13.2 Australia Piezo Ceramic Technology Sales and Market Share by Type
- 13.3 Australia Piezo Ceramic Technology Sales by Application (2012-2017)
- 13.4 Australia Piezo Ceramic Technology Sales, Revenue and Market Share by Manufacturer
 - 13.4.1 Australia Piezo Ceramic Technology Sales and Market Share by Manufacturer
 - 13.4.2 Australia Piezo Ceramic Technology Revenue and Market Share by Manufacturer
- 13.5 Australia Piezo Ceramic Technology Export and Import (2012-2017)

14 PIEZO CERAMIC TECHNOLOGY MARKET FORECAST (2017-2022)

- 14.1 Asia-Pacific Piezo Ceramic Technology Sales, Revenue and Growth Rate (2017-2022)
- 14.2 Piezo Ceramic Technology Market Forecast by Countries/Regions (2017-2022)
 - 14.2.1 China Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)
 - 14.2.2 Japan Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)
 - 14.2.3 Korea Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)
 - 14.2.4 Taiwan Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)
 - 14.2.5 Southeast Asia Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)
 - 14.2.6 India Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)
 - 14.2.7 Australia Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)
- 14.3 Piezo Ceramic Technology Market Forecast by Type (2017-2022)
- 14.4 Piezo Ceramic Technology Market Forecast by Application (2017-2022)

15 PIEZO CERAMIC TECHNOLOGY MANUFACTURING COST ANALYSIS

15.1 Piezo Ceramic Technology Key Raw Materials Analysis

15.1.1 Key Raw Materials

15.1.2 Price Trend of Key Raw Materials

15.1.3 Key Suppliers of Raw Materials

15.1.4 Market Concentration Rate of Raw Materials

15.2 Proportion of Manufacturing Cost Structure

15.2.1 Raw Materials

15.2.2 Labor Cost

15.2.3 Manufacturing Expenses

15.3 Manufacturing Process Analysis of Piezo Ceramic Technology

16 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

16.1 Piezo Ceramic Technology Industrial Chain Analysis

16.2 Upstream Raw Materials Sourcing

16.3 Raw Materials Sources of Piezo Ceramic Technology Major Manufacturers in 2016

16.4 Downstream Buyers

17 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

17.1 Sales Channel

17.1.1 Direct Marketing

17.1.2 Indirect Marketing

17.1.3 Marketing Channel Future Trend

17.2 Distributors, Traders and Dealers

18 RESEARCH FINDINGS AND CONCLUSION

19 APPENDIX

19.1 Methodology

19.2 Analyst Introduction

19.3 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Piezo Ceramic Technology Picture
Table Product Specifications of Piezo Ceramic Technology
Figure Asia-Pacific Sales Market Share of Piezo Ceramic Technology by Types in 2016
Table Types of Piezo Ceramic Technology
Figure Lead zinc titanates (PZT) Picture
Table Major Manufacturers of Lead zinc titanates (PZT)
Figure Lead titanate (PT) Picture
Table Major Manufacturers of Lead titanate (PT)
Figure Lead magnesium niobate (PMN) Picture
Table Major Manufacturers of Lead magnesium niobate (PMN)
Table Asia-Pacific Piezo Ceramic Technology Sales Market Share by Applications in 2016
Table Applications of Piezo Ceramic Technology
Figure Industrial&Manufacturing Picture
Figure Automotive Picture
Figure Information&Telecommunication Picture
Figure Medical Devices Picture
Figure Others Picture
Figure China Piezo Ceramic Technology Revenue (Million USD) and Growth Rate (2012-2022)
Figure Korea Piezo Ceramic Technology Revenue (Million USD) and Growth Rate (2012-2022)
Figure Japan Piezo Ceramic Technology Revenue (Million USD) and Growth Rate (2012-2022)
Figure Taiwan Piezo Ceramic Technology Revenue (Million USD) and Growth Rate (2012-2022)
Figure Southeast Asia Piezo Ceramic Technology Revenue (Million USD) and Growth Rate (2012-2022)
Figure India Piezo Ceramic Technology Revenue (Million USD) and Growth Rate (2012-2022)
Figure Australia Piezo Ceramic Technology Revenue (Million USD) and Growth Rate (2012-2022)
Table MURATA Basic Information, Manufacturing Base and Competitors
Table MURATA Piezo Ceramic Technology Type and Applications
Table MURATA Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and

Market Share (2016-2017)

Table TDK Basic Information, Manufacturing Base and Competitors

Table TDK Piezo Ceramic Technology Type and Applications

Table TDK Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table MORGAN Basic Information, Manufacturing Base and Competitors

Table MORGAN Piezo Ceramic Technology Type and Applications

Table MORGAN Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Konghong Corporation Basic Information, Manufacturing Base and Competitors

Table Konghong Corporation Piezo Ceramic Technology Type and Applications

Table Konghong Corporation Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table TAIYO YUDEN Basic Information, Manufacturing Base and Competitors

Table TAIYO YUDEN Piezo Ceramic Technology Type and Applications

Table TAIYO YUDEN Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table KYOCERA Basic Information, Manufacturing Base and Competitors

Table KYOCERA Piezo Ceramic Technology Type and Applications

Table KYOCERA Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table CeramTec Basic Information, Manufacturing Base and Competitors

Table CeramTec Piezo Ceramic Technology Type and Applications

Table CeramTec Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Exelis Basic Information, Manufacturing Base and Competitors

Table Exelis Piezo Ceramic Technology Type and Applications

Table Exelis Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Noliac Basic Information, Manufacturing Base and Competitors

Table Noliac Piezo Ceramic Technology Type and Applications

Table Noliac Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table TRS Basic Information, Manufacturing Base and Competitors

Table TRS Piezo Ceramic Technology Type and Applications

Table TRS Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table KEPO Electronics Basic Information, Manufacturing Base and Competitors

Table KEPO Electronics Piezo Ceramic Technology Type and Applications

Table KEPO Electronics Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table APC International Basic Information, Manufacturing Base and Competitors

Table APC International Piezo Ceramic Technology Type and Applications

Table APC International Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Smart Material Basic Information, Manufacturing Base and Competitors

Table Smart Material Piezo Ceramic Technology Type and Applications

Table Smart Material Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Jiakang Electronics Basic Information, Manufacturing Base and Competitors

Table Jiakang Electronics Piezo Ceramic Technology Type and Applications

Table Jiakang Electronics Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table SensorTech Basic Information, Manufacturing Base and Competitors

Table SensorTech Piezo Ceramic Technology Type and Applications

Table SensorTech Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Meggitt Sensing Basic Information, Manufacturing Base and Competitors

Table Meggitt Sensing Piezo Ceramic Technology Type and Applications

Table Meggitt Sensing Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Sparkler Ceramics Basic Information, Manufacturing Base and Competitors

Table Sparkler Ceramics Piezo Ceramic Technology Type and Applications

Table Sparkler Ceramics Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Johnson Matthey Basic Information, Manufacturing Base and Competitors

Table Johnson Matthey Piezo Ceramic Technology Type and Applications

Table Johnson Matthey Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table PI Ceramic Basic Information, Manufacturing Base and Competitors

Table PI Ceramic Piezo Ceramic Technology Type and Applications

Table PI Ceramic Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Kinetic Ceramics Basic Information, Manufacturing Base and Competitors

Table Kinetic Ceramics Piezo Ceramic Technology Type and Applications

Table Kinetic Ceramics Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Datong Electronic Basic Information, Manufacturing Base and Competitors

Table Datong Electronic Piezo Ceramic Technology Type and Applications
Table Datong Electronic Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Honghua Electronic Basic Information, Manufacturing Base and Competitors
Table Honghua Electronic Piezo Ceramic Technology Type and Applications
Table Honghua Electronic Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Audiowell Basic Information, Manufacturing Base and Competitors
Table Audiowell Piezo Ceramic Technology Type and Applications
Table Audiowell Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Risun Electronic Basic Information, Manufacturing Base and Competitors
Table Risun Electronic Piezo Ceramic Technology Type and Applications
Table Risun Electronic Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table PANT Basic Information, Manufacturing Base and Competitors
Table PANT Piezo Ceramic Technology Type and Applications
Table PANT Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Yuhai Electronic Ceramic Basic Information, Manufacturing Base and Competitors
Table Yuhai Electronic Ceramic Piezo Ceramic Technology Type and Applications
Table Yuhai Electronic Ceramic Piezo Ceramic Technology Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Table Asia-Pacific Piezo Ceramic Technology Sales by Manufacturer (2016-2017)
Figure Asia-Pacific Piezo Ceramic Technology Sales Market Share by Manufacturer in 2016
Figure Asia-Pacific Piezo Ceramic Technology Sales Market Share by Manufacturer in 2017
Table Asia-Pacific Piezo Ceramic Technology Revenue by Manufacturer (2016-2017)
Figure Asia-Pacific Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2016
Figure Asia-Pacific Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2017
Table Asia-Pacific Piezo Ceramic Technology Price by Manufacturers (2016-2017)
Figure Top 3 Piezo Ceramic Technology Manufacturer Market Share in 2015
Figure Top 3 Piezo Ceramic Technology Manufacturer Market Share in 2016
Figure Top 5 Piezo Ceramic Technology Manufacturer Market Share in 2015
Figure Top 5 Piezo Ceramic Technology Manufacturer Market Share in 2016

Figure Asia-Pacific Piezo Ceramic Technology Sales and Growth (2012-2017)
Table Asia-Pacific Piezo Ceramic Technology Sales by Countries/Regions (2012-2017)
Table Asia-Pacific Piezo Ceramic Technology Sales Market Share by Countries (2012-2017)
Figure Asia-Pacific 2012 Piezo Ceramic Technology Sales Market Share by Countries
Figure Asia-Pacific 2016 Piezo Ceramic Technology Sales Market Share by Countries
Figure Asia-Pacific Piezo Ceramic Technology Revenue and Growth (2012-2017)
Table Asia-Pacific Piezo Ceramic Technology Revenue by Countries (2012-2017)
Table Asia-Pacific Piezo Ceramic Technology Revenue Market Share by Countries (2012-2017)
Table Asia-Pacific 2011 Piezo Ceramic Technology Revenue Market Share by Countries
Table Asia-Pacific 2015 Piezo Ceramic Technology Revenue Market Share by Countries
Table Asia-Pacific Piezo Ceramic Technology Sales by Type (2012-2017)
Table Asia-Pacific Piezo Ceramic Technology Sales Share by Type (2012-2017)
Table Asia-Pacific Piezo Ceramic Technology Revenue by Type (2012-2017)
Table Asia-Pacific Piezo Ceramic Technology Revenue Share by Type (2012-2017)
Figure Europe Lead zinc titanates (PZT) Sales Growth (2012-2017)
Figure Europe Lead zinc titanates (PZT) Price (2012-2017)
Figure Europe Lead titanate (PT) Sales Growth (2012-2017)
Figure Europe Lead titanate (PT) Price (2012-2017)
Figure Europe Lead magnesium niobate (PMN) Sales Growth (2012-2017)
Figure Europe Lead magnesium niobate (PMN) Price (2012-2017)
Table Asia-Pacific Piezo Ceramic Technology Sales by Application (2012-2017)
Table Asia-Pacific Piezo Ceramic Technology Sales Share by Application (2012-2017)
Figure Europe Industrial&Manufacturing Sales Growth (2012-2017)
Figure Europe Automotive Sales Growth (2012-2017)
Figure Europe Information&Telecommunication Sales Growth (2012-2017)
Figure Europe Medical Devices Sales Growth (2012-2017)
Figure Europe Others Sales Growth (2012-2017)
Figure China Piezo Ceramic Technology Revenue and Growth (2012-2017)
Figure China Piezo Ceramic Technology Sales and Growth (2012-2017)
Table China Piezo Ceramic Technology Sales by Type (2012-2017)
Table China Piezo Ceramic Technology Sales Market Share by Type (2012-2017)
Table China Piezo Ceramic Technology Sales by Application (2012-2017)
Table China Piezo Ceramic Technology Sales Market Share by Application (2012-2017)
Table China Piezo Ceramic Technology Sales by Manufacturer (2016-2017)
Figure China Piezo Ceramic Technology Sales Market Share by Manufacturer in 2016

Figure China Piezo Ceramic Technology Sales Market Share by Manufacturer in 2017

Table China Piezo Ceramic Technology Revenue by Manufacturer (2016-2017)

Figure China Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2015

Figure China Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2016

Table China Piezo Ceramic Technology Export and Import (2012-2017)

Figure Japan Piezo Ceramic Technology Revenue and Growth (2012-2017)

Figure Japan Piezo Ceramic Technology Sales and Growth (2012-2017)

Table Japan Piezo Ceramic Technology Sales by Type (2012-2017)

Table Japan Piezo Ceramic Technology Sales Market Share by Type (2012-2017)

Table Japan Piezo Ceramic Technology Sales by Application (2012-2017)

Table Japan Piezo Ceramic Technology Sales Market Share by Application (2012-2017)

Table Japan Piezo Ceramic Technology Sales by Manufacturer (2016-2017)

Figure Japan Piezo Ceramic Technology Sales Market Share by Manufacturer in 2016

Figure Japan Piezo Ceramic Technology Sales Market Share by Manufacturer in 2017

Table Japan Piezo Ceramic Technology Revenue by Manufacturer (2016-2017)

Figure Japan Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2015

Figure Japan Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2016

Table Japan Piezo Ceramic Technology Export and Import (2012-2017)

Figure Korea Piezo Ceramic Technology Revenue and Growth (2012-2017)

Figure Korea Piezo Ceramic Technology Sales and Growth (2012-2017)

Table Korea Piezo Ceramic Technology Sales by Type (2012-2017)

Table Korea Piezo Ceramic Technology Sales Market Share by Type (2012-2017)

Table Korea Piezo Ceramic Technology Sales by Application (2012-2017)

Table Korea Piezo Ceramic Technology Sales Market Share by Application (2012-2017)

Table Korea Piezo Ceramic Technology Sales by Manufacturer (2016-2017)

Figure Korea Piezo Ceramic Technology Sales Market Share by Manufacturer in 2016

Figure Korea Piezo Ceramic Technology Sales Market Share by Manufacturer in 2017

Table Korea Piezo Ceramic Technology Revenue by Manufacturer (2016-2017)

Figure Korea Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2015

Figure Korea Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2016

Table Korea Piezo Ceramic Technology Export and Import (2012-2017)

Figure Taiwan Piezo Ceramic Technology Revenue and Growth (2012-2017)

Figure Taiwan Piezo Ceramic Technology Sales and Growth (2012-2017)

Table Taiwan Piezo Ceramic Technology Sales by Type (2012-2017)

Table Taiwan Piezo Ceramic Technology Sales Market Share by Type (2012-2017)

Table Taiwan Piezo Ceramic Technology Sales by Application (2012-2017)

Table Taiwan Piezo Ceramic Technology Sales Market Share by Application (2012-2017)

Table Taiwan Piezo Ceramic Technology Sales by Manufacturer (2016-2017)

Figure Taiwan Piezo Ceramic Technology Sales Market Share by Manufacturer in 2016

Figure Taiwan Piezo Ceramic Technology Sales Market Share by Manufacturer in 2017

Table Taiwan Piezo Ceramic Technology Revenue by Manufacturer (2016-2017)

Figure Taiwan Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2015

Figure Taiwan Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2016

Table Taiwan Piezo Ceramic Technology Export and Import (2012-2017)

Figure Southeast Asia Piezo Ceramic Technology Revenue and Growth (2012-2017)

Figure Southeast Asia Piezo Ceramic Technology Sales and Growth (2012-2017)

Table Southeast Asia Piezo Ceramic Technology Sales by Type (2012-2017)

Table Southeast Asia Piezo Ceramic Technology Sales Market Share by Type (2012-2017)

Table Southeast Asia Piezo Ceramic Technology Sales by Application (2012-2017)

Table Southeast Asia Piezo Ceramic Technology Sales Market Share by Application (2012-2017)

Table Southeast Asia Piezo Ceramic Technology Sales by Manufacturer (2016-2017)

Figure Southeast Asia Piezo Ceramic Technology Sales Market Share by Manufacturer in 2016

Figure Southeast Asia Piezo Ceramic Technology Sales Market Share by Manufacturer in 2017

Table Southeast Asia Piezo Ceramic Technology Revenue by Manufacturer (2016-2017)

Figure Southeast Asia Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2015

Figure Southeast Asia Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2016

Table Southeast Asia Piezo Ceramic Technology Export and Import (2012-2017)

Figure India Piezo Ceramic Technology Revenue and Growth (2012-2017)

Figure India Piezo Ceramic Technology Sales and Growth (2012-2017)

Table India Piezo Ceramic Technology Sales by Type (2012-2017)

Table India Piezo Ceramic Technology Sales Market Share by Type (2012-2017)

Table India Piezo Ceramic Technology Sales by Application (2012-2017)
Table India Piezo Ceramic Technology Sales Market Share by Application (2012-2017)
Table India Piezo Ceramic Technology Sales by Manufacturer (2016-2017)
Figure India Piezo Ceramic Technology Sales Market Share by Manufacturer in 2016
Figure India Piezo Ceramic Technology Sales Market Share by Manufacturer in 2017
Table India Piezo Ceramic Technology Revenue by Manufacturer (2016-2017)
Figure India Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2015
Figure India Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2016
Table India Piezo Ceramic Technology Export and Import (2012-2017)
Figure Australia Piezo Ceramic Technology Revenue and Growth (2012-2017)
Figure Australia Piezo Ceramic Technology Sales and Growth (2012-2017)
Table Australia Piezo Ceramic Technology Sales by Type (2012-2017)
Table Australia Piezo Ceramic Technology Sales Market Share by Type (2012-2017)
Table Australia Piezo Ceramic Technology Sales by Application (2012-2017)
Table Australia Piezo Ceramic Technology Sales Market Share by Application (2012-2017)
Table Australia Piezo Ceramic Technology Sales by Manufacturer (2016-2017)
Figure Australia Piezo Ceramic Technology Sales Market Share by Manufacturer in 2016
Figure Australia Piezo Ceramic Technology Sales Market Share by Manufacturer in 2017
Table Australia Piezo Ceramic Technology Revenue by Manufacturer (2016-2017)
Figure Australia Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2015
Figure Australia Piezo Ceramic Technology Revenue Market Share by Manufacturer in 2016
Table Australia Piezo Ceramic Technology Export and Import (2012-2017)
Figure Asia-Pacific Piezo Ceramic Technology Sales, Revenue and Growth Rate (2017-2022)
Table Asia-Pacific Piezo Ceramic Technology Sales Forecast by Countries/Regions (2017-2022)
Table Asia-Pacific Piezo Ceramic Technology Market Share Forecast by Countries/Regions (2017-2022)
Figure China Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)
Figure Japan Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)
Figure Korea Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)
Figure Taiwan Piezo Ceramic Technology Sales and Growth Rate Forecast

(2017-2022)

Figure Southeast Asia Piezo Ceramic Technology Sales and Growth Rate Forecast

(2017-2022)

Figure India Piezo Ceramic Technology Sales and Growth Rate Forecast (2017-2022)

Figure Australia Piezo Ceramic Technology Sales and Growth Rate Forecast

(2017-2022)

Table Asia-Pacific Piezo Ceramic Technology Sales Forecast by Type (2017-2022)

Table Asia-Pacific Piezo Ceramic Technology Market Share Forecast by Type

(2017-2022)

Table Asia-Pacific Piezo Ceramic Technology Sales Forecast by Application

(2017-2022)

Table Asia-Pacific Piezo Ceramic Technology Market Share Forecast by Application

(2017-2022)

Table Sales Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Piezo Ceramic Technology

Figure Manufacturing Process Analysis of Piezo Ceramic Technology

Figure Piezo Ceramic Technology Industrial Chain Analysis

Table Raw Materials Sources of Piezo Ceramic Technology Major Manufacturers in 2016

Table Major Buyers of Piezo Ceramic Technology

Table Distributors/Traders/ Dealers List

I would like to order

Product name: Asia-Pacific Piezo Ceramic Technology Market by Manufacturers, Regions, Type and Application, Forecast to 2022

Product link: <https://marketpublishers.com/r/AC6A08658A8EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AC6A08658A8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

