

Asia-Pacific Piezoelectric Actuators and Motors Market Report 2017

https://marketpublishers.com/r/A831A8BE7ECWEN.html

Date: October 2017 Pages: 110 Price: US\$ 4,000.00 (Single User License) ID: A831A8BE7ECWEN

Abstracts

In this report, the Asia-Pacific Piezoelectric Actuators and Motors market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report split Asia-Pacific into several key Regions, with sales (K Units), revenue (Million USD), market share and growth rate of Piezoelectric Actuators and Motors for these regions, from 2012 to 2022 (forecast), including

China Japan South Korea Taiwan India Southeast Asia Australia

Asia-Pacific Piezoelectric Actuators and Motors market competition by top manufacturers/players, with Piezoelectric Actuators and Motors sales volume, price, revenue (Million USD) and market share for each manufacturer/player; the top players



including

AAC Technologies

Alps Electric

Johnson Electric

Johnson Matthey Piezo Products

Murata Manufacturing

piezosystem jena

TDK

CeramTec

KYOCERA

Noliac

NGK ELECTRONICS DEVICES

Physik Instrumente

CEDRAT TECHNOLOGIES

On the basis of product, this report displays the sales volume (K Units), revenue (Million USD), product price (USD/Unit), market share and growth rate of each type, primarily split into

Piezoelectric Actuators

Piezoelectric Motors

On the basis on the end users/applications, this report focuses on the status and



outlook for major applications/end users, sales volume (K Units), market share and growth rate of Piezoelectric Actuators and Motors for each application, includin

Automotive Sector

Consumer Electronics Sector

Healthcare Sector



Contents

Asia-Pacific Piezoelectric Actuators and Motors Market Report 2017

1 PIEZOELECTRIC ACTUATORS AND MOTORS OVERVIEW

- 1.1 Product Overview and Scope of Piezoelectric Actuators and Motors
- 1.2 Classification of Piezoelectric Actuators and Motors by Product Category

1.2.1 Asia-Pacific Piezoelectric Actuators and Motors Market Size (Sales) Comparison by Types (2012-2022)

1.2.2 Asia-Pacific Piezoelectric Actuators and Motors Market Size (Sales) Market Share by Type (Product Category) in 2016

- 1.2.3 Piezoelectric Actuators
- 1.2.4 Piezoelectric Motors
- 1.3 Asia-Pacific Piezoelectric Actuators and Motors Market by Application/End Users

1.3.1 Asia-Pacific Piezoelectric Actuators and Motors Sales (Volume) and Market Share Comparison by Applications (2012-2022)

- 1.3.2 Automotive Sector
- 1.3.3 Consumer Electronics Sector
- 1.3.4 Healthcare Sector

1.4 Asia-Pacific Piezoelectric Actuators and Motors Market by Region

1.4.1 Asia-Pacific Piezoelectric Actuators and Motors Market Size (Value) Comparison by Region (2012-2022)

- 1.4.2 China Status and Prospect (2012-2022)
- 1.4.3 Japan Status and Prospect (2012-2022)
- 1.4.4 South Korea Status and Prospect (2012-2022)
- 1.4.5 Taiwan Status and Prospect (2012-2022)
- 1.4.6 India Status and Prospect (2012-2022)
- 1.4.7 Southeast Asia Status and Prospect (2012-2022)
- 1.4.8 Australia Status and Prospect (2012-2022)

1.5 Asia-Pacific Market Size (Value and Volume) of Piezoelectric Actuators and Motors (2012-2022)

1.5.1 Asia-Pacific Piezoelectric Actuators and Motors Sales and Growth Rate (2012-2022)

1.5.2 Asia-Pacific Piezoelectric Actuators and Motors Revenue and Growth Rate (2012-2022)

2 ASIA-PACIFIC PIEZOELECTRIC ACTUATORS AND MOTORS COMPETITION BY PLAYERS/SUPPLIERS, REGION, TYPE AND APPLICATION



2.1 Asia-Pacific Piezoelectric Actuators and Motors Market Competition by Players/Suppliers

2.1.1 Asia-Pacific Piezoelectric Actuators and Motors Sales Volume and Market Share of Key Players/Suppliers (2012-2017)

2.1.2 Asia-Pacific Piezoelectric Actuators and Motors Revenue and Share by Players/Suppliers (2012-2017)

2.2 Asia-Pacific Piezoelectric Actuators and Motors (Volume and Value) by Type2.2.1 Asia-Pacific Piezoelectric Actuators and Motors Sales and Market Share by Type(2012-2017)

2.2.2 Asia-Pacific Piezoelectric Actuators and Motors Revenue and Market Share by Type (2012-2017)

2.3 Asia-Pacific Piezoelectric Actuators and Motors (Volume) by Application

2.4 Asia-Pacific Piezoelectric Actuators and Motors (Volume and Value) by Region 2.4.1 Asia-Pacific Piezoelectric Actuators and Motors Sales and Market Share by

Region (2012-2017)

2.4.2 Asia-Pacific Piezoelectric Actuators and Motors Revenue and Market Share by Region (2012-2017)

3 CHINA PIEZOELECTRIC ACTUATORS AND MOTORS (VOLUME, VALUE AND SALES PRICE)

3.1 China Piezoelectric Actuators and Motors Sales and Value (2012-2017)

3.1.1 China Piezoelectric Actuators and Motors Sales Volume and Growth Rate (2012-2017)

3.1.2 China Piezoelectric Actuators and Motors Revenue and Growth Rate (2012-2017)

3.1.3 China Piezoelectric Actuators and Motors Sales Price Trend (2012-2017)3.2 China Piezoelectric Actuators and Motors Sales Volume and Market Share by Type3.3 China Piezoelectric Actuators and Motors Sales Volume and Market Share byApplication

4 JAPAN PIEZOELECTRIC ACTUATORS AND MOTORS (VOLUME, VALUE AND SALES PRICE)

4.1 Japan Piezoelectric Actuators and Motors Sales and Value (2012-2017)

4.1.1 Japan Piezoelectric Actuators and Motors Sales Volume and Growth Rate (2012-2017)

4.1.2 Japan Piezoelectric Actuators and Motors Revenue and Growth Rate



(2012-2017)

4.1.3 Japan Piezoelectric Actuators and Motors Sales Price Trend (2012-2017)

4.2 Japan Piezoelectric Actuators and Motors Sales Volume and Market Share by Type4.3 Japan Piezoelectric Actuators and Motors Sales Volume and Market Share byApplication

5 SOUTH KOREA PIEZOELECTRIC ACTUATORS AND MOTORS (VOLUME, VALUE AND SALES PRICE)

5.1 South Korea Piezoelectric Actuators and Motors Sales and Value (2012-2017)

5.1.1 South Korea Piezoelectric Actuators and Motors Sales Volume and Growth Rate (2012-2017)

5.1.2 South Korea Piezoelectric Actuators and Motors Revenue and Growth Rate (2012-2017)

5.1.3 South Korea Piezoelectric Actuators and Motors Sales Price Trend (2012-2017)5.2 South Korea Piezoelectric Actuators and Motors Sales Volume and Market Share by Type

5.3 South Korea Piezoelectric Actuators and Motors Sales Volume and Market Share by Application

6 TAIWAN PIEZOELECTRIC ACTUATORS AND MOTORS (VOLUME, VALUE AND SALES PRICE)

6.1 Taiwan Piezoelectric Actuators and Motors Sales and Value (2012-2017)

6.1.1 Taiwan Piezoelectric Actuators and Motors Sales Volume and Growth Rate (2012-2017)

6.1.2 Taiwan Piezoelectric Actuators and Motors Revenue and Growth Rate (2012-2017)

6.1.3 Taiwan Piezoelectric Actuators and Motors Sales Price Trend (2012-2017)6.2 Taiwan Piezoelectric Actuators and Motors Sales Volume and Market Share by Type

6.3 Taiwan Piezoelectric Actuators and Motors Sales Volume and Market Share by Application

7 INDIA PIEZOELECTRIC ACTUATORS AND MOTORS (VOLUME, VALUE AND SALES PRICE)

7.1 India Piezoelectric Actuators and Motors Sales and Value (2012-2017)

7.1.1 India Piezoelectric Actuators and Motors Sales Volume and Growth Rate



(2012-2017)

7.1.2 India Piezoelectric Actuators and Motors Revenue and Growth Rate (2012-2017)

7.1.3 India Piezoelectric Actuators and Motors Sales Price Trend (2012-2017)

7.2 India Piezoelectric Actuators and Motors Sales Volume and Market Share by Type

7.3 India Piezoelectric Actuators and Motors Sales Volume and Market Share by Application

8 SOUTHEAST ASIA PIEZOELECTRIC ACTUATORS AND MOTORS (VOLUME, VALUE AND SALES PRICE)

8.1 Southeast Asia Piezoelectric Actuators and Motors Sales and Value (2012-2017)

8.1.1 Southeast Asia Piezoelectric Actuators and Motors Sales Volume and Growth Rate (2012-2017)

8.1.2 Southeast Asia Piezoelectric Actuators and Motors Revenue and Growth Rate (2012-2017)

8.1.3 Southeast Asia Piezoelectric Actuators and Motors Sales Price Trend (2012-2017)

8.2 Southeast Asia Piezoelectric Actuators and Motors Sales Volume and Market Share by Type

8.3 Southeast Asia Piezoelectric Actuators and Motors Sales Volume and Market Share by Application

9 AUSTRALIA PIEZOELECTRIC ACTUATORS AND MOTORS (VOLUME, VALUE AND SALES PRICE)

9.1 Australia Piezoelectric Actuators and Motors Sales and Value (2012-2017)

9.1.1 Australia Piezoelectric Actuators and Motors Sales Volume and Growth Rate (2012-2017)

9.1.2 Australia Piezoelectric Actuators and Motors Revenue and Growth Rate (2012-2017)

9.1.3 Australia Piezoelectric Actuators and Motors Sales Price Trend (2012-2017)9.2 Australia Piezoelectric Actuators and Motors Sales Volume and Market Share by Type

9.3 Australia Piezoelectric Actuators and Motors Sales Volume and Market Share by Application

10 ASIA-PACIFIC PIEZOELECTRIC ACTUATORS AND MOTORS PLAYERS/SUPPLIERS PROFILES AND SALES DATA



10.1 AAC Technologies

10.1.1 Company Basic Information, Manufacturing Base and Competitors

10.1.2 Piezoelectric Actuators and Motors Product Category, Application and Specification

10.1.2.1 Product A

10.1.2.2 Product B

10.1.3 AAC Technologies Piezoelectric Actuators and Motors Sales, Revenue, Price and Gross Margin (2012-2017)

10.1.4 Main Business/Business Overview

10.2 Alps Electric

10.2.1 Company Basic Information, Manufacturing Base and Competitors

10.2.2 Piezoelectric Actuators and Motors Product Category, Application and Specification

10.2.2.1 Product A

10.2.2.2 Product B

10.2.3 Alps Electric Piezoelectric Actuators and Motors Sales, Revenue, Price and Gross Margin (2012-2017)

10.2.4 Main Business/Business Overview

10.3 Johnson Electric

10.3.1 Company Basic Information, Manufacturing Base and Competitors

10.3.2 Piezoelectric Actuators and Motors Product Category, Application and

Specification

10.3.2.1 Product A

10.3.2.2 Product B

10.3.3 Johnson Electric Piezoelectric Actuators and Motors Sales, Revenue, Price and Gross Margin (2012-2017)

10.3.4 Main Business/Business Overview

10.4 Johnson Matthey Piezo Products

10.4.1 Company Basic Information, Manufacturing Base and Competitors

10.4.2 Piezoelectric Actuators and Motors Product Category, Application and Specification

10.4.2.1 Product A

10.4.2.2 Product B

10.4.3 Johnson Matthey Piezo Products Piezoelectric Actuators and Motors Sales, Revenue, Price and Gross Margin (2012-2017)

10.4.4 Main Business/Business Overview

10.5 Murata Manufacturing

10.5.1 Company Basic Information, Manufacturing Base and Competitors

10.5.2 Piezoelectric Actuators and Motors Product Category, Application and



Specification

10.5.2.1 Product A

10.5.2.2 Product B

10.5.3 Murata Manufacturing Piezoelectric Actuators and Motors Sales, Revenue, Price and Gross Margin (2012-2017)

10.5.4 Main Business/Business Overview

10.6 piezosystem jena

10.6.1 Company Basic Information, Manufacturing Base and Competitors

10.6.2 Piezoelectric Actuators and Motors Product Category, Application and Specification

10.6.2.1 Product A

10.6.2.2 Product B

10.6.3 piezosystem jena Piezoelectric Actuators and Motors Sales, Revenue, Price and Gross Margin (2012-2017)

10.6.4 Main Business/Business Overview

10.7 TDK

10.7.1 Company Basic Information, Manufacturing Base and Competitors

10.7.2 Piezoelectric Actuators and Motors Product Category, Application and Specification

10.7.2.1 Product A

10.7.2.2 Product B

10.7.3 TDK Piezoelectric Actuators and Motors Sales, Revenue, Price and Gross Margin (2012-2017)

10.7.4 Main Business/Business Overview

10.8 CeramTec

10.8.1 Company Basic Information, Manufacturing Base and Competitors

10.8.2 Piezoelectric Actuators and Motors Product Category, Application and Specification

10.8.2.1 Product A

10.8.2.2 Product B

10.8.3 CeramTec Piezoelectric Actuators and Motors Sales, Revenue, Price and Gross Margin (2012-2017)

10.8.4 Main Business/Business Overview

10.9 KYOCERA

10.9.1 Company Basic Information, Manufacturing Base and Competitors

10.9.2 Piezoelectric Actuators and Motors Product Category, Application and Specification

10.9.2.1 Product A

10.9.2.2 Product B



10.9.3 KYOCERA Piezoelectric Actuators and Motors Sales, Revenue, Price and Gross Margin (2012-2017)

10.9.4 Main Business/Business Overview

10.10 Noliac

10.10.1 Company Basic Information, Manufacturing Base and Competitors

10.10.2 Piezoelectric Actuators and Motors Product Category, Application and Specification

- 10.10.2.1 Product A
- 10.10.2.2 Product B

10.10.3 Noliac Piezoelectric Actuators and Motors Sales, Revenue, Price and Gross Margin (2012-2017)

- 10.10.4 Main Business/Business Overview
- 10.11 NGK ELECTRONICS DEVICES
- 10.12 Physik Instrumente
- 10.13 CEDRAT TECHNOLOGIES

11 PIEZOELECTRIC ACTUATORS AND MOTORS MANUFACTURING COST ANALYSIS

- 11.1 Piezoelectric Actuators and Motors Key Raw Materials Analysis
- 11.1.1 Key Raw Materials
- 11.1.2 Price Trend of Key Raw Materials
- 11.1.3 Key Suppliers of Raw Materials
- 11.1.4 Market Concentration Rate of Raw Materials
- 11.2 Proportion of Manufacturing Cost Structure
 - 11.2.1 Raw Materials
 - 11.2.2 Labor Cost
 - 11.2.3 Manufacturing Expenses
- 11.3 Manufacturing Process Analysis of Piezoelectric Actuators and Motors

12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 12.1 Piezoelectric Actuators and Motors Industrial Chain Analysis
- 12.2 Upstream Raw Materials Sourcing
- 12.3 Raw Materials Sources of Piezoelectric Actuators and Motors Major Manufacturers in 2016
- 12.4 Downstream Buyers

13 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS



- 13.1 Marketing Channel
- 13.1.1 Direct Marketing
- 13.1.2 Indirect Marketing
- 13.1.3 Marketing Channel Development Trend
- 13.2 Market Positioning
 - 13.2.1 Pricing Strategy
 - 13.2.2 Brand Strategy
 - 13.2.3 Target Client
- 13.3 Distributors/Traders List

14 MARKET EFFECT FACTORS ANALYSIS

- 14.1 Technology Progress/Risk
 - 14.1.1 Substitutes Threat
 - 14.1.2 Technology Progress in Related Industry
- 14.2 Consumer Needs/Customer Preference Change
- 14.3 Economic/Political Environmental Change

15 ASIA-PACIFIC PIEZOELECTRIC ACTUATORS AND MOTORS MARKET FORECAST (2017-2022)

15.1 Asia-Pacific Piezoelectric Actuators and Motors Sales Volume, Revenue and Price Forecast (2017-2022)

15.1.1 Asia-Pacific Piezoelectric Actuators and Motors Sales Volume and Growth Rate Forecast (2017-2022)

15.1.2 Asia-Pacific Piezoelectric Actuators and Motors Revenue and Growth Rate Forecast (2017-2022)

15.1.3 Asia-Pacific Piezoelectric Actuators and Motors Price and Trend Forecast (2017-2022)

15.2 Asia-Pacific Piezoelectric Actuators and Motors Sales Volume, Revenue and Growth Rate Forecast by Region (2017-2022)

15.2.1 Asia-Pacific Piezoelectric Actuators and Motors Sales Volume and Growth Rate Forecast by Region (2017-2022)

15.2.2 Asia-Pacific Piezoelectric Actuators and Motors Revenue and Growth Rate Forecast by Region (2017-2022)

15.2.3 China Piezoelectric Actuators and Motors Sales, Revenue and Growth Rate Forecast (2017-2022)

15.2.4 Japan Piezoelectric Actuators and Motors Sales, Revenue and Growth Rate



Forecast (2017-2022)

15.2.5 South Korea Piezoelectric Actuators and Motors Sales, Revenue and Growth Rate Forecast (2017-2022)

15.2.6 Taiwan Piezoelectric Actuators and Motors Sales, Revenue and Growth Rate Forecast (2017-2022)

15.2.7 India Piezoelectric Actuators and Motors Sales, Revenue and Growth Rate Forecast (2017-2022)

15.2.8 Southeast Asia Piezoelectric Actuators and Motors Sales, Revenue and Growth Rate Forecast (2017-2022)

15.2.9 Australia Piezoelectric Actuators and Motors Sales, Revenue and Growth Rate Forecast (2017-2022)

15.3 Asia-Pacific Piezoelectric Actuators and Motors Sales, Revenue and Price Forecast by Type (2017-2022)

15.3.1 Asia-Pacific Piezoelectric Actuators and Motors Sales Forecast by Type (2017-2022)

15.3.2 Asia-Pacific Piezoelectric Actuators and Motors Revenue Forecast by Type (2017-2022)

15.3.3 Asia-Pacific Piezoelectric Actuators and Motors Price Forecast by Type (2017-2022)

15.4 Asia-Pacific Piezoelectric Actuators and Motors Sales Forecast by Application (2017-2022)

16 RESEARCH FINDINGS AND CONCLUSION

17 APPENDIX

- 17.1 Methodology/Research Approach
- 17.1.1 Research Programs/Design
- 17.1.2 Market Size Estimation
- 17.1.3 Market Breakdown and Data Triangulation

17.2 Data Source

- 17.2.1 Secondary Sources
- 17.2.2 Primary Sources
- 17.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



List Of Tables

LIST OF TABLES AND FIGURES

Figure Product Picture of Piezoelectric Actuators and Motors Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Volume (K Units) by Type (2012 - 2022)Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Volume Market Share by Type (Product Category) in 2016 Figure Piezoelectric Actuators Product Picture Figure Piezoelectric Motors Product Picture Figure Asia-Pacific Piezoelectric Actuators and Motors Sales (K Units) by Application (2012 - 2022)Figure Asia-Pacific Sales Market Share of Piezoelectric Actuators and Motors by Application in 2016 Figure Automotive Sector Examples Figure Consumer Electronics Sector Examples Figure Healthcare Sector Examples Figure Asia-Pacific Piezoelectric Actuators and Motors Market Size (Million USD) by Region (2012-2022) Figure China Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2022) Figure Japan Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2022) Figure South Korea Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2022) Figure Taiwan Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2022) Figure India Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2022) Figure Southeast Asia Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2022) Figure Australia Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2022) Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Volume (K Units) and Growth Rate (2012-2022) Figure Asia-Pacific Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2022) Figure Asia-Pacific Piezoelectric Actuators and Motors Market Major Players Product



Sales Volume (K Units)(2012-2017)

Table Asia-Pacific Piezoelectric Actuators and Motors Sales (K Units) of Key Players/Suppliers (2012-2017)

Table Asia-Pacific Piezoelectric Actuators and Motors Sales Share by Players/Suppliers (2012-2017)

Figure 2016 Asia-Pacific Piezoelectric Actuators and Motors Sales Share by Players/Suppliers

Figure 2017 Asia-Pacific Piezoelectric Actuators and Motors Sales Share by Players/Suppliers

Figure Asia-Pacific Piezoelectric Actuators and Motors Market Major Players Product Revenue (Million USD) 2012-2017

Table Asia-Pacific Piezoelectric Actuators and Motors Revenue (Million USD) by Players/Suppliers (2012-2017)

Table Asia-Pacific Piezoelectric Actuators and Motors Revenue Share by Players/Suppliers (2012-2017)

Figure 2016 Asia-Pacific Piezoelectric Actuators and Motors Revenue Share by Players Figure 2017 Asia-Pacific Piezoelectric Actuators and Motors Revenue Share by Players Table Asia-Pacific Piezoelectric Actuators and Motors Sales and Market Share by Type (2012-2017)

Table Asia-Pacific Piezoelectric Actuators and Motors Sales Share by Type (2012-2017)

Figure Sales Market Share of Piezoelectric Actuators and Motors by Type (2012-2017) Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Growth Rate by Type (2012-2017)

Table Asia-Pacific Piezoelectric Actuators and Motors Revenue (Million USD) and Market Share by Type (2012-2017)

Table Asia-Pacific Piezoelectric Actuators and Motors Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Piezoelectric Actuators and Motors by Type (2012-2017)

Figure Asia-Pacific Piezoelectric Actuators and Motors Revenue Growth Rate by Type (2012-2017)

Table Asia-Pacific Piezoelectric Actuators and Motors Sales Volume (K Units) and Market Share by Region (2012-2017)

Table Asia-Pacific Piezoelectric Actuators and Motors Sales Share by Region (2012-2017)

Figure Sales Market Share of Piezoelectric Actuators and Motors by Region (2012-2017)

Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Market Share by Region in



2016

Table Asia-Pacific Piezoelectric Actuators and Motors Revenue (Million USD) and Market Share by Region (2012-2017)

Table Asia-Pacific Piezoelectric Actuators and Motors Revenue Share (%) by Region (2012-2017)

Figure Revenue Market Share of Piezoelectric Actuators and Motors by Region (2012-2017)

Figure Asia-Pacific Piezoelectric Actuators and Motors Revenue Market Share by Region in 2016

Table Asia-Pacific Piezoelectric Actuators and Motors Sales Volume (K Units) and Market Share by Application (2012-2017)

Table Asia-Pacific Piezoelectric Actuators and Motors Sales Share (%) by Application (2012-2017)

Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Market Share by Application (2012-2017)

Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Market Share by Application (2012-2017)

Figure China Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure China Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2017)

Figure China Piezoelectric Actuators and Motors Sales Price (USD/Unit) Trend (2012-2017)

Table China Piezoelectric Actuators and Motors Sales Volume (K Units) by Type (2012-2017)

Table China Piezoelectric Actuators and Motors Sales Volume Market Share by Type (2012-2017)

Figure China Piezoelectric Actuators and Motors Sales Volume Market Share by Type in 2016

Table China Piezoelectric Actuators and Motors Sales Volume (K Units) by Applications (2012-2017)

Table China Piezoelectric Actuators and Motors Sales Volume Market Share by Application (2012-2017)

Figure China Piezoelectric Actuators and Motors Sales Volume Market Share by Application in 2016

Figure Japan Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure Japan Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2017)



Figure Japan Piezoelectric Actuators and Motors Sales Price (USD/Unit) Trend (2012-2017)

Table Japan Piezoelectric Actuators and Motors Sales Volume (K Units) by Type (2012-2017)

Table Japan Piezoelectric Actuators and Motors Sales Volume Market Share by Type (2012-2017)

Figure Japan Piezoelectric Actuators and Motors Sales Volume Market Share by Type in 2016

Table Japan Piezoelectric Actuators and Motors Sales Volume (K Units) by Applications (2012-2017)

Table Japan Piezoelectric Actuators and Motors Sales Volume Market Share by Application (2012-2017)

Figure Japan Piezoelectric Actuators and Motors Sales Volume Market Share by Application in 2016

Figure South Korea Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure South Korea Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2017)

Figure South Korea Piezoelectric Actuators and Motors Sales Price (USD/Unit) Trend (2012-2017)

Table South Korea Piezoelectric Actuators and Motors Sales Volume (K Units) by Type (2012-2017)

Table South Korea Piezoelectric Actuators and Motors Sales Volume Market Share by Type (2012-2017)

Figure South Korea Piezoelectric Actuators and Motors Sales Volume Market Share by Type in 2016

Table South Korea Piezoelectric Actuators and Motors Sales Volume (K Units) by Applications (2012-2017)

Table South Korea Piezoelectric Actuators and Motors Sales Volume Market Share by Application (2012-2017)

Figure South Korea Piezoelectric Actuators and Motors Sales Volume Market Share by Application in 2016

Figure Taiwan Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure Taiwan Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2017)

Figure Taiwan Piezoelectric Actuators and Motors Sales Price (USD/Unit) Trend (2012-2017)

Table Taiwan Piezoelectric Actuators and Motors Sales Volume (K Units) by Type



(2012-2017)

Table Taiwan Piezoelectric Actuators and Motors Sales Volume Market Share by Type (2012-2017)

Figure Taiwan Piezoelectric Actuators and Motors Sales Volume Market Share by Type in 2016

Table Taiwan Piezoelectric Actuators and Motors Sales Volume (K Units) by Applications (2012-2017)

Table Taiwan Piezoelectric Actuators and Motors Sales Volume Market Share by Application (2012-2017)

Figure Taiwan Piezoelectric Actuators and Motors Sales Volume Market Share by Application in 2016

Figure India Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure India Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2017)

Figure India Piezoelectric Actuators and Motors Sales Price (USD/Unit) Trend (2012-2017)

Table India Piezoelectric Actuators and Motors Sales Volume (K Units) by Type (2012-2017)

Table India Piezoelectric Actuators and Motors Sales Volume Market Share by Type (2012-2017)

Figure India Piezoelectric Actuators and Motors Sales Volume Market Share by Type in 2016

Table India Piezoelectric Actuators and Motors Sales Volume (K Units) by Application (2012-2017)

Table India Piezoelectric Actuators and Motors Sales Volume Market Share by Application (2012-2017)

Figure India Piezoelectric Actuators and Motors Sales Volume Market Share by Application in 2016

Figure Southeast Asia Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure Southeast Asia Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2017)

Figure Southeast Asia Piezoelectric Actuators and Motors Sales Price (USD/Unit) Trend (2012-2017)

Table Southeast Asia Piezoelectric Actuators and Motors Sales Volume (K Units) by Type (2012-2017)

Table Southeast Asia Piezoelectric Actuators and Motors Sales Volume Market Share by Type (2012-2017)



Figure Southeast Asia Piezoelectric Actuators and Motors Sales Volume Market Share by Type in 2016

Table Southeast Asia Piezoelectric Actuators and Motors Sales Volume (K Units) by Applications (2012-2017)

Table Southeast Asia Piezoelectric Actuators and Motors Sales Volume Market Share by Application (2012-2017)

Figure Southeast Asia Piezoelectric Actuators and Motors Sales Volume Market Share by Application in 2016

Figure Australia Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure Australia Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate (2012-2017)

Figure Australia Piezoelectric Actuators and Motors Sales Price (USD/Unit) Trend (2012-2017)

Table Australia Piezoelectric Actuators and Motors Sales Volume (K Units) by Type (2012-2017)

Table Australia Piezoelectric Actuators and Motors Sales Volume Market Share by Type (2012-2017)

Figure Australia Piezoelectric Actuators and Motors Sales Volume Market Share by Type in 2016

Table Australia Piezoelectric Actuators and Motors Sales Volume (K Units) by Applications (2012-2017)

Table Australia Piezoelectric Actuators and Motors Sales Volume Market Share by Application (2012-2017)

Figure Australia Piezoelectric Actuators and Motors Sales Volume Market Share by Application in 2016

Table AAC Technologies Piezoelectric Actuators and Motors Basic Information List Table AAC Technologies Piezoelectric Actuators and Motors Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure AAC Technologies Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure AAC Technologies Piezoelectric Actuators and Motors Sales Market Share in Asia-Pacific (2012-2017)

Figure AAC Technologies Piezoelectric Actuators and Motors Revenue Market Share in Asia-Pacific (2012-2017)

Table Alps Electric Piezoelectric Actuators and Motors Basic Information List Table Alps Electric Piezoelectric Actuators and Motors Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Alps Electric Piezoelectric Actuators and Motors Sales (K Units) and Growth



Rate (2012-2017)

Figure Alps Electric Piezoelectric Actuators and Motors Sales Market Share in Asia-Pacific (2012-2017)

Figure Alps Electric Piezoelectric Actuators and Motors Revenue Market Share in Asia-Pacific (2012-2017)

Table Johnson Electric Piezoelectric Actuators and Motors Basic Information List Table Johnson Electric Piezoelectric Actuators and Motors Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Johnson Electric Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure Johnson Electric Piezoelectric Actuators and Motors Sales Market Share in Asia-Pacific (2012-2017)

Figure Johnson Electric Piezoelectric Actuators and Motors Revenue Market Share in Asia-Pacific (2012-2017)

Table Johnson Matthey Piezo Products Piezoelectric Actuators and Motors Basic Information List

Table Johnson Matthey Piezo Products Piezoelectric Actuators and Motors Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Johnson Matthey Piezo Products Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure Johnson Matthey Piezo Products Piezoelectric Actuators and Motors Sales Market Share in Asia-Pacific (2012-2017)

Figure Johnson Matthey Piezo Products Piezoelectric Actuators and Motors Revenue Market Share in Asia-Pacific (2012-2017)

Table Murata Manufacturing Piezoelectric Actuators and Motors Basic Information List Table Murata Manufacturing Piezoelectric Actuators and Motors Sales (K Units),

Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Murata Manufacturing Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure Murata Manufacturing Piezoelectric Actuators and Motors Sales Market Share in Asia-Pacific (2012-2017)

Figure Murata Manufacturing Piezoelectric Actuators and Motors Revenue Market Share in Asia-Pacific (2012-2017)

Table piezosystem jena Piezoelectric Actuators and Motors Basic Information List Table piezosystem jena Piezoelectric Actuators and Motors Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure piezosystem jena Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure piezosystem jena Piezoelectric Actuators and Motors Sales Market Share in Asia-



Pacific (2012-2017)

Figure piezosystem jena Piezoelectric Actuators and Motors Revenue Market Share in Asia-Pacific (2012-2017)

Table TDK Piezoelectric Actuators and Motors Basic Information List

Table TDK Piezoelectric Actuators and Motors Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure TDK Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure TDK Piezoelectric Actuators and Motors Sales Market Share in Asia-Pacific (2012-2017)

Figure TDK Piezoelectric Actuators and Motors Revenue Market Share in Asia-Pacific (2012-2017)

Table CeramTec Piezoelectric Actuators and Motors Basic Information List

Table CeramTec Piezoelectric Actuators and Motors Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure CeramTec Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure CeramTec Piezoelectric Actuators and Motors Sales Market Share in Asia-Pacific (2012-2017)

Figure CeramTec Piezoelectric Actuators and Motors Revenue Market Share in Asia-Pacific (2012-2017)

Table KYOCERA Piezoelectric Actuators and Motors Basic Information List

Table KYOCERA Piezoelectric Actuators and Motors Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure KYOCERA Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure KYOCERA Piezoelectric Actuators and Motors Sales Market Share in Asia-Pacific (2012-2017)

Figure KYOCERA Piezoelectric Actuators and Motors Revenue Market Share in Asia-Pacific (2012-2017)

Table Noliac Piezoelectric Actuators and Motors Basic Information List

Table Noliac Piezoelectric Actuators and Motors Sales (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Noliac Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate (2012-2017)

Figure Noliac Piezoelectric Actuators and Motors Sales Market Share in Asia-Pacific (2012-2017)

Figure Noliac Piezoelectric Actuators and Motors Revenue Market Share in Asia-Pacific (2012-2017)



Table NGK ELECTRONICS DEVICES Piezoelectric Actuators and Motors Basic Information List

Table Physik Instrumente Piezoelectric Actuators and Motors Basic Information List Table CEDRAT TECHNOLOGIES Piezoelectric Actuators and Motors Basic Information List

Table Production Base and Market Concentration Rate of Raw Material

Figure Price (USD/Unit) Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Piezoelectric Actuators and Motors

Figure Manufacturing Process Analysis of Piezoelectric Actuators and Motors

Figure Piezoelectric Actuators and Motors Industrial Chain Analysis

Table Raw Materials Sources of Piezoelectric Actuators and Motors Major Manufacturers in 2016

Table Major Buyers of Piezoelectric Actuators and Motors

Table Distributors/Traders List

Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Volume (K Units) and Growth Rate Forecast (2017-2022)

Figure Asia-Pacific Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Asia-Pacific Piezoelectric Actuators and Motors Price (USD/Unit) and Trend Forecast (2017-2022)

Table Asia-Pacific Piezoelectric Actuators and Motors Sales Volume (K Units) Forecast by Region (2017-2022)

Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Volume Market Share Forecast by Region (2017-2022)

Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Volume Market Share Forecast by Region in 2022

Table Asia-Pacific Piezoelectric Actuators and Motors Revenue (Million USD) Forecast by Region (2017-2022)

Figure Asia-Pacific Piezoelectric Actuators and Motors Revenue Market Share Forecast by Region (2017-2022)

Figure Asia-Pacific Piezoelectric Actuators and Motors Revenue Market Share Forecast by Region in 2022

Figure China Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate Forecast (2017-2022)

Figure China Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Japan Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate Forecast (2017-2022)



Figure Japan Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure South Korea Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate Forecast (2017-2022)

Figure South Korea Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Taiwan Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate Forecast (2017-2022)

Figure Taiwan Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure India Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate Forecast (2017-2022)

Figure India Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Southeast Asia Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate Forecast (2017-2022)

Figure Southeast Asia Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Australia Piezoelectric Actuators and Motors Sales (K Units) and Growth Rate Forecast (2017-2022)

Figure Australia Piezoelectric Actuators and Motors Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Asia-Pacific Piezoelectric Actuators and Motors Sales (K Units) Forecast by Type (2017-2022)

Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Market Share Forecast by Type (2017-2022)

Table Asia-Pacific Piezoelectric Actuators and Motors Revenue (Million USD) Forecast by Type (2017-2022)

Figure Asia-Pacific Piezoelectric Actuators and Motors Revenue Market Share Forecast by Type (2017-2022)

Table Asia-Pacific Piezoelectric Actuators and Motors Price (USD/Unit) Forecast by Type (2017-2022)

Table Asia-Pacific Piezoelectric Actuators and Motors Sales (K Units) Forecast by Application (2017-2022)

Figure Asia-Pacific Piezoelectric Actuators and Motors Sales Market Share Forecast by Application (2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation



Table Key Data Information from Secondary SourcesTable Key Data Information from Primary Sources



I would like to order

Product name: Asia-Pacific Piezoelectric Actuators and Motors Market Report 2017

Product link: https://marketpublishers.com/r/A831A8BE7ECWEN.html

Price: US\$ 4,000.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/A831A8BE7ECWEN.html</u>

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

Custumer signature _____

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

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