

# Global Piezoelectric Ceramic Transducer Sheet Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/G5925E57DF5EEN.html

Date: July 2023 Pages: 103 Price: US\$ 3,480.00 (Single User License) ID: G5925E57DF5EEN

# **Abstracts**

According to our (Global Info Research) latest study, the global Piezoelectric Ceramic Transducer Sheet market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

A piezoelectric ceramic transducer sheet is a device that can convert mechanical energy into electrical energy or convert electrical energy into mechanical energy. It is made of a piezoelectric ceramic sheet, which has the characteristics of high efficiency, stability, good acoustic characteristics, small size, light weight and high durability.

This report is a detailed and comprehensive analysis for global Piezoelectric Ceramic Transducer Sheet 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 2023, are provided.

Key Features:

Global Piezoelectric Ceramic Transducer Sheet market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029



Global Piezoelectric Ceramic Transducer Sheet market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Piezoelectric Ceramic Transducer Sheet market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Piezoelectric Ceramic Transducer Sheet market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2018-2023.

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 Piezoelectric Ceramic Transducer Sheet

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace.

This report profiles key players in the global Piezoelectric Ceramic Transducer Sheet market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include NTK, APC International, SWT, Piezo Hannas Tech and Tiangong Measurement-control Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

#### Market Segmentation

Piezoelectric Ceramic Transducer Sheet market is split by Type and by Application. For the period 2018-2029, 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

Round

Square

#### Market segment by Application

Electronics

Automotive

Medical

Communication

Others

Major players covered

NTK

**APC** International

SWT

Piezo Hannas Tech

Tiangong Measurement-control Technology

HCSONIC

Physik Instrumente

Sonolits

**Hongsheng Acoustics** 



Dongguan Kesen Electronic Plastic

Deveysonic

Siansonic Technology

Suzhou Pant Piezoelectric Tech

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 Piezoelectric Ceramic Transducer Sheet product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Piezoelectric Ceramic Transducer Sheet, with price, sales, revenue and global market share of Piezoelectric Ceramic Transducer Sheet from 2018 to 2023.

Chapter 3, the Piezoelectric Ceramic Transducer Sheet competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Piezoelectric Ceramic Transducer Sheet breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions,



from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022.and Piezoelectric Ceramic Transducer Sheet market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Piezoelectric Ceramic Transducer Sheet.

Chapter 14 and 15, to describe Piezoelectric Ceramic Transducer Sheet sales channel, distributors, customers, research findings and conclusion.



# Contents

#### **1 MARKET OVERVIEW**

1.1 Product Overview and Scope of Piezoelectric Ceramic Transducer Sheet

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Round

1.3.3 Square

1.4 Market Analysis by Application

1.4.1 Overview: Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Electronics

1.4.3 Automotive

- 1.4.4 Medical
- 1.4.5 Communication
- 1.4.6 Others

1.5 Global Piezoelectric Ceramic Transducer Sheet Market Size & Forecast

1.5.1 Global Piezoelectric Ceramic Transducer Sheet Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Piezoelectric Ceramic Transducer Sheet Sales Quantity (2018-2029)

1.5.3 Global Piezoelectric Ceramic Transducer Sheet Average Price (2018-2029)

#### **2 MANUFACTURERS PROFILES**

2.1 NTK

2.1.1 NTK Details

- 2.1.2 NTK Major Business
- 2.1.3 NTK Piezoelectric Ceramic Transducer Sheet Product and Services
- 2.1.4 NTK Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 NTK Recent Developments/Updates

2.2 APC International

2.2.1 APC International Details

2.2.2 APC International Major Business

2.2.3 APC International Piezoelectric Ceramic Transducer Sheet Product and Services

2.2.4 APC International Piezoelectric Ceramic Transducer Sheet Sales Quantity,



Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 APC International Recent Developments/Updates

2.3 SWT

2.3.1 SWT Details

2.3.2 SWT Major Business

2.3.3 SWT Piezoelectric Ceramic Transducer Sheet Product and Services

2.3.4 SWT Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 SWT Recent Developments/Updates

2.4 Piezo Hannas Tech

2.4.1 Piezo Hannas Tech Details

2.4.2 Piezo Hannas Tech Major Business

2.4.3 Piezo Hannas Tech Piezoelectric Ceramic Transducer Sheet Product and Services

2.4.4 Piezo Hannas Tech Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Piezo Hannas Tech Recent Developments/Updates

2.5 Tiangong Measurement-control Technology

2.5.1 Tiangong Measurement-control Technology Details

2.5.2 Tiangong Measurement-control Technology Major Business

2.5.3 Tiangong Measurement-control Technology Piezoelectric Ceramic Transducer Sheet Product and Services

2.5.4 Tiangong Measurement-control Technology Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Tiangong Measurement-control Technology Recent Developments/Updates 2.6 HCSONIC

2.6.1 HCSONIC Details

2.6.2 HCSONIC Major Business

2.6.3 HCSONIC Piezoelectric Ceramic Transducer Sheet Product and Services

2.6.4 HCSONIC Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 HCSONIC Recent Developments/Updates

2.7 Physik Instrumente

2.7.1 Physik Instrumente Details

2.7.2 Physik Instrumente Major Business

2.7.3 Physik Instrumente Piezoelectric Ceramic Transducer Sheet Product and Services

2.7.4 Physik Instrumente Piezoelectric Ceramic Transducer Sheet Sales Quantity,



Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Physik Instrumente Recent Developments/Updates

2.8 Sonolits

2.8.1 Sonolits Details

2.8.2 Sonolits Major Business

2.8.3 Sonolits Piezoelectric Ceramic Transducer Sheet Product and Services

2.8.4 Sonolits Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Sonolits Recent Developments/Updates

2.9 Hongsheng Acoustics

2.9.1 Hongsheng Acoustics Details

2.9.2 Hongsheng Acoustics Major Business

2.9.3 Hongsheng Acoustics Piezoelectric Ceramic Transducer Sheet Product and Services

2.9.4 Hongsheng Acoustics Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Hongsheng Acoustics Recent Developments/Updates

2.10 Dongguan Kesen Electronic Plastic

2.10.1 Dongguan Kesen Electronic Plastic Details

2.10.2 Dongguan Kesen Electronic Plastic Major Business

2.10.3 Dongguan Kesen Electronic Plastic Piezoelectric Ceramic Transducer Sheet Product and Services

2.10.4 Dongguan Kesen Electronic Plastic Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Dongguan Kesen Electronic Plastic Recent Developments/Updates

2.11 Deveysonic

2.11.1 Deveysonic Details

2.11.2 Deveysonic Major Business

2.11.3 Deveysonic Piezoelectric Ceramic Transducer Sheet Product and Services

2.11.4 Deveysonic Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Deveysonic Recent Developments/Updates

2.12 Siansonic Technology

2.12.1 Siansonic Technology Details

2.12.2 Siansonic Technology Major Business

2.12.3 Siansonic Technology Piezoelectric Ceramic Transducer Sheet Product and Services

2.12.4 Siansonic Technology Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)



2.12.5 Siansonic Technology Recent Developments/Updates

2.13 Suzhou Pant Piezoelectric Tech

2.13.1 Suzhou Pant Piezoelectric Tech Details

2.13.2 Suzhou Pant Piezoelectric Tech Major Business

2.13.3 Suzhou Pant Piezoelectric Tech Piezoelectric Ceramic Transducer Sheet Product and Services

2.13.4 Suzhou Pant Piezoelectric Tech Piezoelectric Ceramic Transducer Sheet Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Suzhou Pant Piezoelectric Tech Recent Developments/Updates

## 3 COMPETITIVE ENVIRONMENT: PIEZOELECTRIC CERAMIC TRANSDUCER SHEET BY MANUFACTURER

3.1 Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Manufacturer (2018-2023)

3.2 Global Piezoelectric Ceramic Transducer Sheet Revenue by Manufacturer (2018-2023)

3.3 Global Piezoelectric Ceramic Transducer Sheet Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Piezoelectric Ceramic Transducer Sheet by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Piezoelectric Ceramic Transducer Sheet Manufacturer Market Share in 2022

3.4.2 Top 6 Piezoelectric Ceramic Transducer Sheet Manufacturer Market Share in 2022

3.5 Piezoelectric Ceramic Transducer Sheet Market: Overall Company Footprint Analysis

3.5.1 Piezoelectric Ceramic Transducer Sheet Market: Region Footprint

3.5.2 Piezoelectric Ceramic Transducer Sheet Market: Company Product Type Footprint

3.5.3 Piezoelectric Ceramic Transducer Sheet Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

#### 4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Piezoelectric Ceramic Transducer Sheet Market Size by Region

Global Piezoelectric Ceramic Transducer Sheet Market 2023 by Manufacturers, Regions, Type and Application, For...



4.1.1 Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Region (2018-2029)

4.1.2 Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Region (2018-2029)

4.1.3 Global Piezoelectric Ceramic Transducer Sheet Average Price by Region (2018-2029)

4.2 North America Piezoelectric Ceramic Transducer Sheet Consumption Value (2018-2029)

4.3 Europe Piezoelectric Ceramic Transducer Sheet Consumption Value (2018-2029)

4.4 Asia-Pacific Piezoelectric Ceramic Transducer Sheet Consumption Value (2018-2029)

4.5 South America Piezoelectric Ceramic Transducer Sheet Consumption Value (2018-2029)

4.6 Middle East and Africa Piezoelectric Ceramic Transducer Sheet Consumption Value (2018-2029)

# **5 MARKET SEGMENT BY TYPE**

5.1 Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2029)

5.2 Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Type (2018-2029)

5.3 Global Piezoelectric Ceramic Transducer Sheet Average Price by Type (2018-2029)

### **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2018-2029)

6.2 Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Application (2018-2029)

6.3 Global Piezoelectric Ceramic Transducer Sheet Average Price by Application (2018-2029)

### 7 NORTH AMERICA

7.1 North America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2029)

7.2 North America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2018-2029)



7.3 North America Piezoelectric Ceramic Transducer Sheet Market Size by Country7.3.1 North America Piezoelectric Ceramic Transducer Sheet Sales Quantity by

Country (2018-2029)

7.3.2 North America Piezoelectric Ceramic Transducer Sheet Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

# 8 EUROPE

8.1 Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2029)

8.2 Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2018-2029)

8.3 Europe Piezoelectric Ceramic Transducer Sheet Market Size by Country

8.3.1 Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity by Country (2018-2029)

8.3.2 Europe Piezoelectric Ceramic Transducer Sheet Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

### 9 ASIA-PACIFIC

9.1 Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Piezoelectric Ceramic Transducer Sheet Market Size by Region

9.3.1 Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Piezoelectric Ceramic Transducer Sheet Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)



- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

#### **10 SOUTH AMERICA**

10.1 South America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2029)

10.2 South America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2018-2029)

10.3 South America Piezoelectric Ceramic Transducer Sheet Market Size by Country

10.3.1 South America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Country (2018-2029)

10.3.2 South America Piezoelectric Ceramic Transducer Sheet Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

#### 11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Piezoelectric Ceramic Transducer Sheet Market Size by Country

11.3.1 Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Piezoelectric Ceramic Transducer Sheet Consumption Value by Country (2018-2029)

- 11.3.3 Turkey Market Size and Forecast (2018-2029)
- 11.3.4 Egypt Market Size and Forecast (2018-2029)
- 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

#### **12 MARKET DYNAMICS**

12.1 Piezoelectric Ceramic Transducer Sheet Market Drivers

Global Piezoelectric Ceramic Transducer Sheet Market 2023 by Manufacturers, Regions, Type and Application, For..



- 12.2 Piezoelectric Ceramic Transducer Sheet Market Restraints
- 12.3 Piezoelectric Ceramic Transducer Sheet Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
- 12.5.1 Influence of COVID-19
- 12.5.2 Influence of Russia-Ukraine War

### **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Piezoelectric Ceramic Transducer Sheet and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Piezoelectric Ceramic Transducer Sheet
- 13.3 Piezoelectric Ceramic Transducer Sheet Production Process
- 13.4 Piezoelectric Ceramic Transducer Sheet Industrial Chain

#### 14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Piezoelectric Ceramic Transducer Sheet Typical Distributors
- 14.3 Piezoelectric Ceramic Transducer Sheet Typical Customers

#### 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

Table 1. Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. NTK Basic Information, Manufacturing Base and Competitors

Table 4. NTK Major Business

Table 5. NTK Piezoelectric Ceramic Transducer Sheet Product and Services

Table 6. NTK Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. NTK Recent Developments/Updates

Table 8. APC International Basic Information, Manufacturing Base and Competitors

Table 9. APC International Major Business

Table 10. APC International Piezoelectric Ceramic Transducer Sheet Product and Services

Table 11. APC International Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. APC International Recent Developments/Updates

Table 13. SWT Basic Information, Manufacturing Base and Competitors

Table 14. SWT Major Business

Table 15. SWT Piezoelectric Ceramic Transducer Sheet Product and Services

Table 16. SWT Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. SWT Recent Developments/Updates

 Table 18. Piezo Hannas Tech Basic Information, Manufacturing Base and Competitors

Table 19. Piezo Hannas Tech Major Business

Table 20. Piezo Hannas Tech Piezoelectric Ceramic Transducer Sheet Product and Services

Table 21. Piezo Hannas Tech Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Piezo Hannas Tech Recent Developments/Updates

Table 23. Tiangong Measurement-control Technology Basic Information, Manufacturing Base and Competitors



 Table 24. Tiangong Measurement-control Technology Major Business

Table 25. Tiangong Measurement-control Technology Piezoelectric Ceramic Transducer Sheet Product and Services

Table 26. Tiangong Measurement-control Technology Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Tiangong Measurement-control Technology Recent Developments/Updates

Table 28. HCSONIC Basic Information, Manufacturing Base and Competitors

Table 29. HCSONIC Major Business

 Table 30. HCSONIC Piezoelectric Ceramic Transducer Sheet Product and Services

Table 31. HCSONIC Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. HCSONIC Recent Developments/Updates

Table 33. Physik Instrumente Basic Information, Manufacturing Base and Competitors

Table 34. Physik Instrumente Major Business

Table 35. Physik Instrumente Piezoelectric Ceramic Transducer Sheet Product and Services

Table 36. Physik Instrumente Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Physik Instrumente Recent Developments/Updates

Table 38. Sonolits Basic Information, Manufacturing Base and Competitors

Table 39. Sonolits Major Business

Table 40. Sonolits Piezoelectric Ceramic Transducer Sheet Product and Services

Table 41. Sonolits Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Sonolits Recent Developments/Updates

Table 43. Hongsheng Acoustics Basic Information, Manufacturing Base and Competitors

Table 44. Hongsheng Acoustics Major Business

Table 45. Hongsheng Acoustics Piezoelectric Ceramic Transducer Sheet Product and Services

 Table 46. Hongsheng Acoustics Piezoelectric Ceramic Transducer Sheet Sales

Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Hongsheng Acoustics Recent Developments/Updates

Table 48. Dongguan Kesen Electronic Plastic Basic Information, Manufacturing Base



and Competitors

 Table 49. Dongguan Kesen Electronic Plastic Major Business

Table 50. Dongguan Kesen Electronic Plastic Piezoelectric Ceramic Transducer Sheet Product and Services

Table 51. Dongguan Kesen Electronic Plastic Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Dongguan Kesen Electronic Plastic Recent Developments/Updates

Table 53. Deveysonic Basic Information, Manufacturing Base and Competitors

Table 54. Deveysonic Major Business

 Table 55. Deveysonic Piezoelectric Ceramic Transducer Sheet Product and Services

Table 56. Deveysonic Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

 Table 57. Deveysonic Recent Developments/Updates

Table 58. Siansonic Technology Basic Information, Manufacturing Base and Competitors

Table 59. Siansonic Technology Major Business

Table 60. Siansonic Technology Piezoelectric Ceramic Transducer Sheet Product and Services

Table 61. Siansonic Technology Piezoelectric Ceramic Transducer Sheet Sales

Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Siansonic Technology Recent Developments/Updates

Table 63. Suzhou Pant Piezoelectric Tech Basic Information, Manufacturing Base and Competitors

Table 64. Suzhou Pant Piezoelectric Tech Major Business

Table 65. Suzhou Pant Piezoelectric Tech Piezoelectric Ceramic Transducer Sheet Product and Services

Table 66. Suzhou Pant Piezoelectric Tech Piezoelectric Ceramic Transducer Sheet Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

 Table 67. Suzhou Pant Piezoelectric Tech Recent Developments/Updates

Table 68. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Manufacturer (2018-2023) & (Units)

Table 69. Global Piezoelectric Ceramic Transducer Sheet Revenue by Manufacturer (2018-2023) & (USD Million)

Table 70. Global Piezoelectric Ceramic Transducer Sheet Average Price byManufacturer (2018-2023) & (US\$/Unit)



Table 71. Market Position of Manufacturers in Piezoelectric Ceramic Transducer Sheet, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022 Table 72. Head Office and Piezoelectric Ceramic Transducer Sheet Production Site of Key Manufacturer Table 73. Piezoelectric Ceramic Transducer Sheet Market: Company Product Type Footprint Table 74. Piezoelectric Ceramic Transducer Sheet Market: Company Product Application Footprint Table 75. Piezoelectric Ceramic Transducer Sheet New Market Entrants and Barriers to Market Entry Table 76. Piezoelectric Ceramic Transducer Sheet Mergers, Acquisition, Agreements, and Collaborations Table 77. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Region (2018-2023) & (Units) Table 78. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Region (2024-2029) & (Units) Table 79. Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Region (2018-2023) & (USD Million) Table 80. Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Region (2024-2029) & (USD Million) Table 81. Global Piezoelectric Ceramic Transducer Sheet Average Price by Region (2018-2023) & (US\$/Unit) Table 82. Global Piezoelectric Ceramic Transducer Sheet Average Price by Region (2024-2029) & (US\$/Unit) Table 83. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2023) & (Units) Table 84. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2024-2029) & (Units) Table 85. Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Type (2018-2023) & (USD Million) Table 86. Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Type (2024-2029) & (USD Million) Table 87. Global Piezoelectric Ceramic Transducer Sheet Average Price by Type (2018-2023) & (US\$/Unit) Table 88. Global Piezoelectric Ceramic Transducer Sheet Average Price by Type (2024-2029) & (US\$/Unit) Table 89. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application

(2018-2023) & (Units)

Table 90. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application



(2024-2029) & (Units)

Table 91. Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Application (2018-2023) & (USD Million)

Table 92. Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Application (2024-2029) & (USD Million)

Table 93. Global Piezoelectric Ceramic Transducer Sheet Average Price by Application (2018-2023) & (US\$/Unit)

Table 94. Global Piezoelectric Ceramic Transducer Sheet Average Price by Application (2024-2029) & (US\$/Unit)

Table 95. North America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2023) & (Units)

Table 96. North America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2024-2029) & (Units)

Table 97. North America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2018-2023) & (Units)

Table 98. North America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2024-2029) & (Units)

Table 99. North America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Country (2018-2023) & (Units)

Table 100. North America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Country (2024-2029) & (Units)

Table 101. North America Piezoelectric Ceramic Transducer Sheet Consumption Value by Country (2018-2023) & (USD Million)

Table 102. North America Piezoelectric Ceramic Transducer Sheet Consumption Value by Country (2024-2029) & (USD Million)

Table 103. Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2023) & (Units)

Table 104. Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2024-2029) & (Units)

Table 105. Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2018-2023) & (Units)

Table 106. Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2024-2029) & (Units)

Table 107. Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity by Country (2018-2023) & (Units)

Table 108. Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity by Country(2024-2029) & (Units)

Table 109. Europe Piezoelectric Ceramic Transducer Sheet Consumption Value by Country (2018-2023) & (USD Million)



Table 110. Europe Piezoelectric Ceramic Transducer Sheet Consumption Value by Country (2024-2029) & (USD Million)

Table 111. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2023) & (Units)

Table 112. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2024-2029) & (Units)

Table 113. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2018-2023) & (Units)

Table 114. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2024-2029) & (Units)

Table 115. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity by Region (2018-2023) & (Units)

Table 116. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity by Region (2024-2029) & (Units)

Table 117. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Consumption Value by Region (2018-2023) & (USD Million)

Table 118. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Consumption Value by Region (2024-2029) & (USD Million)

Table 119. South America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2023) & (Units)

Table 120. South America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2024-2029) & (Units)

Table 121. South America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2018-2023) & (Units)

Table 122. South America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2024-2029) & (Units)

Table 123. South America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Country (2018-2023) & (Units)

Table 124. South America Piezoelectric Ceramic Transducer Sheet Sales Quantity by Country (2024-2029) & (Units)

Table 125. South America Piezoelectric Ceramic Transducer Sheet Consumption Valueby Country (2018-2023) & (USD Million)

Table 126. South America Piezoelectric Ceramic Transducer Sheet Consumption Value by Country (2024-2029) & (USD Million)

Table 127. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2018-2023) & (Units)

Table 128. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity by Type (2024-2029) & (Units)

Table 129. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity



by Application (2018-2023) & (Units)

Table 130. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity by Application (2024-2029) & (Units)

Table 131. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity by Region (2018-2023) & (Units)

Table 132. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity by Region (2024-2029) & (Units)

Table 133. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Consumption Value by Region (2018-2023) & (USD Million)

Table 134. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Consumption Value by Region (2024-2029) & (USD Million)

 Table 135. Piezoelectric Ceramic Transducer Sheet Raw Material

Table 136. Key Manufacturers of Piezoelectric Ceramic Transducer Sheet Raw Materials

 Table 137. Piezoelectric Ceramic Transducer Sheet Typical Distributors

 Table 138. Piezoelectric Ceramic Transducer Sheet Typical Customers



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Piezoelectric Ceramic Transducer Sheet Picture
- Figure 2. Global Piezoelectric Ceramic Transducer Sheet Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Piezoelectric Ceramic Transducer Sheet Consumption Value Market Share by Type in 2022
- Figure 4. Round Examples
- Figure 5. Square Examples
- Figure 6. Global Piezoelectric Ceramic Transducer Sheet Consumption Value by
- Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global Piezoelectric Ceramic Transducer Sheet Consumption Value Market
- Share by Application in 2022
- Figure 8. Electronics Examples
- Figure 9. Automotive Examples
- Figure 10. Medical Examples
- Figure 11. Communication Examples
- Figure 12. Others Examples
- Figure 13. Global Piezoelectric Ceramic Transducer Sheet Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 14. Global Piezoelectric Ceramic Transducer Sheet Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 15. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity (2018-2029) & (Units)
- Figure 16. Global Piezoelectric Ceramic Transducer Sheet Average Price (2018-2029) & (US\$/Unit)
- Figure 17. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Manufacturer in 2022
- Figure 18. Global Piezoelectric Ceramic Transducer Sheet Consumption Value Market Share by Manufacturer in 2022
- Figure 19. Producer Shipments of Piezoelectric Ceramic Transducer Sheet by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 20. Top 3 Piezoelectric Ceramic Transducer Sheet Manufacturer (Consumption Value) Market Share in 2022
- Figure 21. Top 6 Piezoelectric Ceramic Transducer Sheet Manufacturer (Consumption Value) Market Share in 2022
- Figure 22. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share



by Region (2018-2029)

Figure 23. Global Piezoelectric Ceramic Transducer Sheet Consumption Value Market Share by Region (2018-2029)

Figure 24. North America Piezoelectric Ceramic Transducer Sheet Consumption Value (2018-2029) & (USD Million)

Figure 25. Europe Piezoelectric Ceramic Transducer Sheet Consumption Value (2018-2029) & (USD Million)

Figure 26. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Consumption Value (2018-2029) & (USD Million)

Figure 27. South America Piezoelectric Ceramic Transducer Sheet Consumption Value (2018-2029) & (USD Million)

Figure 28. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Consumption Value (2018-2029) & (USD Million)

Figure 29. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Type (2018-2029)

Figure 30. Global Piezoelectric Ceramic Transducer Sheet Consumption Value Market Share by Type (2018-2029)

Figure 31. Global Piezoelectric Ceramic Transducer Sheet Average Price by Type (2018-2029) & (US\$/Unit)

Figure 32. Global Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Application (2018-2029)

Figure 33. Global Piezoelectric Ceramic Transducer Sheet Consumption Value Market Share by Application (2018-2029)

Figure 34. Global Piezoelectric Ceramic Transducer Sheet Average Price by Application (2018-2029) & (US\$/Unit)

Figure 35. North America Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Type (2018-2029)

Figure 36. North America Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Application (2018-2029)

Figure 37. North America Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Country (2018-2029)

Figure 38. North America Piezoelectric Ceramic Transducer Sheet Consumption Value Market Share by Country (2018-2029)

Figure 39. United States Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Canada Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Mexico Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)



Figure 42. Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Type (2018-2029)

Figure 43. Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Application (2018-2029)

Figure 44. Europe Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Country (2018-2029)

Figure 45. Europe Piezoelectric Ceramic Transducer Sheet Consumption Value Market Share by Country (2018-2029)

Figure 46. Germany Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. France Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. United Kingdom Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Russia Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Italy Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Type (2018-2029)

Figure 52. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Application (2018-2029)

Figure 53. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Region (2018-2029)

Figure 54. Asia-Pacific Piezoelectric Ceramic Transducer Sheet Consumption Value Market Share by Region (2018-2029)

Figure 55. China Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Japan Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Korea Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. India Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Southeast Asia Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Australia Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. South America Piezoelectric Ceramic Transducer Sheet Sales Quantity



Market Share by Type (2018-2029) Figure 62. South America Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Application (2018-2029) Figure 63. South America Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Country (2018-2029) Figure 64. South America Piezoelectric Ceramic Transducer Sheet Consumption Value Market Share by Country (2018-2029) Figure 65. Brazil Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 66. Argentina Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 67. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Type (2018-2029) Figure 68. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Application (2018-2029) Figure 69. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Sales Quantity Market Share by Region (2018-2029) Figure 70. Middle East & Africa Piezoelectric Ceramic Transducer Sheet Consumption Value Market Share by Region (2018-2029) Figure 71. Turkey Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 72. Egypt Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 73. Saudi Arabia Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 74. South Africa Piezoelectric Ceramic Transducer Sheet Consumption Value and Growth Rate (2018-2029) & (USD Million) Figure 75. Piezoelectric Ceramic Transducer Sheet Market Drivers Figure 76. Piezoelectric Ceramic Transducer Sheet Market Restraints Figure 77. Piezoelectric Ceramic Transducer Sheet Market Trends Figure 78. Porters Five Forces Analysis Figure 79. Manufacturing Cost Structure Analysis of Piezoelectric Ceramic Transducer Sheet in 2022 Figure 80. Manufacturing Process Analysis of Piezoelectric Ceramic Transducer Sheet Figure 81. Piezoelectric Ceramic Transducer Sheet Industrial Chain Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors Figure 83. Direct Channel Pros & Cons Figure 84. Indirect Channel Pros & Cons Figure 85. Methodology



Figure 86. Research Process and Data Source



#### I would like to order

Product name: Global Piezoelectric Ceramic Transducer Sheet Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: https://marketpublishers.com/r/G5925E57DF5EEN.html

Price: US\$ 3,480.00 (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 <u>https://marketpublishers.com/r/G5925E57DF5EEN.html</u>