

# Thin Film Piezoelectric Devices Industry Research Report 2023

<https://marketpublishers.com/r/T94FA41410F0EN.html>

Date: August 2023

Pages: 93

Price: US\$ 2,950.00 (Single User License)

ID: T94FA41410F0EN

## Abstracts

### Highlights

The global Thin Film Piezoelectric Devices market is projected to reach US\$ million by 2029 from an estimated US\$ million in 2023, at a CAGR of % during 2024 and 2029.

North American market for Thin Film Piezoelectric Devices is estimated to increase from \$ million in 2023 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2024 through 2029.

Asia-Pacific market for Thin Film Piezoelectric Devices is estimated to increase from \$ million in 2023 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2024 through 2029.

The major global companies of Thin Film Piezoelectric Devices include Broadcom, Qorvo, Epson, Fujifilm, Silicon Sensing, Panasonic, TDK, STMicroelectronics and Vesper Technologies, etc. In 2022, the world's top three vendors accounted for approximately % of the revenue.

The global market for Thin Film Piezoelectric Devices in Consumer Electronics is estimated to increase from \$ million in 2023 to \$ million by 2029, at a CAGR of % during the forecast period of 2024 through 2029.

Considering the economic change due to COVID-19 and Russia-Ukraine War Influence, AIN Thin Film, which accounted for % of the global market of Thin Film Piezoelectric Devices in 2022, is expected to reach million US\$ by 2029, growing at a revised CAGR of % from 2024 to 2029.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Thin Film Piezoelectric Devices, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Thin Film Piezoelectric Devices.

The Thin Film Piezoelectric Devices market size, estimations, and forecasts are provided in terms of and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Thin Film Piezoelectric Devices market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Thin Film Piezoelectric Devices companies, new entrants, and industry chain related companies in this market with information on the revenues for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

## Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue by companies for the period 2017-2022. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Broadcom

Qorvo

Epson

Fujifilm

Silicon Sensing

Panasonic

TDK

STMicroelectronics

Vesper Technologies

XAAR

## Product Type Insights

Global markets are presented by Thin Film Piezoelectric Devices type, along with growth forecasts through 2029. Estimates on revenue are based on the price in the supply chain at which the Thin Film Piezoelectric Devices are procured by the companies.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

## Thin Film Piezoelectric Devices segment by Type

AIN Thin Film

PZT Thin Film

## Application Insights

This report has provided the market size (revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Thin Film Piezoelectric Devices market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Thin Film Piezoelectric Devices market.

## Thin Film Piezoelectric Devices Segment by Application

Consumer Electronics

Healthcare

Aerospace and Defense

Others

## Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America, Middle East & Africa. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast revenue for 2029.

North America

United States

Canada

Europe

Germany

France

UK

Italy

Russia

Nordic Countries

Rest of Europe

Asia-Pacific

China

Japan

South Korea

Southeast Asia

India

Australia

Rest of Asia

Latin America

Mexico

Brazil

Rest of Latin America

Middle East & Africa

Turkey

Saudi Arabia

UAE

Rest of MEA

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Thin Film Piezoelectric Devices market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

## Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Thin Film Piezoelectric Devices market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation,

expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Thin Film Piezoelectric Devices and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Thin Film Piezoelectric Devices industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Thin Film Piezoelectric Devices.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Provides the analysis of various market segments product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 4: Provides the analysis of various market segments application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 5: Introduces executive summary of global market size, regional market size, this section also introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by companies in the industry, and the analysis of relevant policies in the industry.

Chapter 6: Detailed analysis of Thin Film Piezoelectric Devices companies' competitive landscape, revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 7, 8, 9, 10, 11: North America, Europe, Asia Pacific, Latin America, Middle East and Africa segment by country. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 12: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 13: The main points and conclusions of the report.



## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Thin Film Piezoelectric Devices by Type
  - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029)
    - 1.2.2 AIN Thin Film
    - 1.2.3 PZT Thin Film
- 2.3 Thin Film Piezoelectric Devices by Application
  - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029)
  - 2.3.2 Consumer Electronics
  - 2.3.3 Healthcare
  - 2.3.4 Aerospace and Defense
  - 2.3.5 Others
- 2.4 Assumptions and Limitations

### 3 THIN FILM PIEZOELECTRIC DEVICES BREAKDOWN DATA BY TYPE

- 3.1 Global Thin Film Piezoelectric Devices Historic Market Size by Type (2018-2023)
- 3.2 Global Thin Film Piezoelectric Devices Forecasted Market Size by Type (2023-2028)

### 4 THIN FILM PIEZOELECTRIC DEVICES BREAKDOWN DATA BY APPLICATION

- 4.1 Global Thin Film Piezoelectric Devices Historic Market Size by Application (2018-2023)
- 4.2 Global Thin Film Piezoelectric Devices Forecasted Market Size by Application (2018-2023)

## **5 GLOBAL GROWTH TRENDS**

- 5.1 Global Thin Film Piezoelectric Devices Market Perspective (2018-2029)
- 5.2 Global Thin Film Piezoelectric Devices Growth Trends by Region
  - 5.2.1 Global Thin Film Piezoelectric Devices Market Size by Region: 2018 VS 2022 VS 2029
  - 5.2.2 Thin Film Piezoelectric Devices Historic Market Size by Region (2018-2023)
  - 5.2.3 Thin Film Piezoelectric Devices Forecasted Market Size by Region (2024-2029)
- 5.3 Thin Film Piezoelectric Devices Market Dynamics
  - 5.3.1 Thin Film Piezoelectric Devices Industry Trends
  - 5.3.2 Thin Film Piezoelectric Devices Market Drivers
  - 5.3.3 Thin Film Piezoelectric Devices Market Challenges
  - 5.3.4 Thin Film Piezoelectric Devices Market Restraints

## **6 MARKET COMPETITIVE LANDSCAPE BY PLAYERS**

- 6.1 Global Top Thin Film Piezoelectric Devices Players by Revenue
  - 6.1.1 Global Top Thin Film Piezoelectric Devices Players by Revenue (2018-2023)
  - 6.1.2 Global Thin Film Piezoelectric Devices Revenue Market Share by Players (2018-2023)
- 6.2 Global Thin Film Piezoelectric Devices Industry Players Ranking, 2021 VS 2022 VS 2023
- 6.3 Global Key Players of Thin Film Piezoelectric Devices Head office and Area Served
- 6.4 Global Thin Film Piezoelectric Devices Players, Product Type & Application
- 6.5 Global Thin Film Piezoelectric Devices Players, Date of Enter into This Industry
- 6.6 Global Thin Film Piezoelectric Devices Market CR5 and HHI
- 6.7 Global Players Mergers & Acquisition

## **7 NORTH AMERICA**

- 7.1 North America Thin Film Piezoelectric Devices Market Size (2018-2029)
- 7.2 North America Thin Film Piezoelectric Devices Market Growth Rate by Country: 2018 VS 2022 VS 2029
- 7.3 North America Thin Film Piezoelectric Devices Market Size by Country (2018-2023)
- 7.4 North America Thin Film Piezoelectric Devices Market Size by Country (2024-2029)
- 7.5 United States
- 7.6 Canada

## **8 EUROPE**

8.1 Europe Thin Film Piezoelectric Devices Market Size (2018-2029)

8.2 Europe Thin Film Piezoelectric Devices Market Growth Rate by Country: 2018 VS 2022 VS 2029

8.3 Europe Thin Film Piezoelectric Devices Market Size by Country (2018-2023)

8.4 Europe Thin Film Piezoelectric Devices Market Size by Country (2024-2029)

7.4 Germany

7.5 France

7.6 U.K.

7.7 Italy

7.8 Russia

7.9 Nordic Countries

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Thin Film Piezoelectric Devices Market Size (2018-2029)

9.2 Asia-Pacific Thin Film Piezoelectric Devices Market Growth Rate by Country: 2018 VS 2022 VS 2029

9.3 Asia-Pacific Thin Film Piezoelectric Devices Market Size by Country (2018-2023)

9.4 Asia-Pacific Thin Film Piezoelectric Devices Market Size by Country (2024-2029)

8.4 China

8.5 Japan

8.6 South Korea

8.7 Southeast Asia

8.8 India

8.9 Australia

## **10 LATIN AMERICA**

10.1 Latin America Thin Film Piezoelectric Devices Market Size (2018-2029)

10.2 Latin America Thin Film Piezoelectric Devices Market Growth Rate by Country: 2018 VS 2022 VS 2029

10.3 Latin America Thin Film Piezoelectric Devices Market Size by Country (2018-2023)

10.4 Latin America Thin Film Piezoelectric Devices Market Size by Country (2024-2029)

9.4 Mexico

9.5 Brazil

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Thin Film Piezoelectric Devices Market Size (2018-2029)
- 11.2 Middle East & Africa Thin Film Piezoelectric Devices Market Growth Rate by Country: 2018 VS 2022 VS 2029
- 11.3 Middle East & Africa Thin Film Piezoelectric Devices Market Size by Country (2018-2023)
- 11.4 Middle East & Africa Thin Film Piezoelectric Devices Market Size by Country (2024-2029)
- 10.4 Turkey
- 10.5 Saudi Arabia
- 10.6 UAE

## **12 PLAYERS PROFILED**

- 11.1 Broadcom
  - 11.1.1 Broadcom Company Detail
  - 11.1.2 Broadcom Business Overview
  - 11.1.3 Broadcom Thin Film Piezoelectric Devices Introduction
  - 11.1.4 Broadcom Revenue in Thin Film Piezoelectric Devices Business (2017-2022)
  - 11.1.5 Broadcom Recent Development
- 11.2 Qorvo
  - 11.2.1 Qorvo Company Detail
  - 11.2.2 Qorvo Business Overview
  - 11.2.3 Qorvo Thin Film Piezoelectric Devices Introduction
  - 11.2.4 Qorvo Revenue in Thin Film Piezoelectric Devices Business (2017-2022)
  - 11.2.5 Qorvo Recent Development
- 11.3 Epson
  - 11.3.1 Epson Company Detail
  - 11.3.2 Epson Business Overview
  - 11.3.3 Epson Thin Film Piezoelectric Devices Introduction
  - 11.3.4 Epson Revenue in Thin Film Piezoelectric Devices Business (2017-2022)
  - 11.3.5 Epson Recent Development
- 11.4 Fujifilm
  - 11.4.1 Fujifilm Company Detail
  - 11.4.2 Fujifilm Business Overview
  - 11.4.3 Fujifilm Thin Film Piezoelectric Devices Introduction
  - 11.4.4 Fujifilm Revenue in Thin Film Piezoelectric Devices Business (2017-2022)
  - 11.4.5 Fujifilm Recent Development
- 11.5 Silicon Sensing

- 11.5.1 Silicon Sensing Company Detail
- 11.5.2 Silicon Sensing Business Overview
- 11.5.3 Silicon Sensing Thin Film Piezoelectric Devices Introduction
- 11.5.4 Silicon Sensing Revenue in Thin Film Piezoelectric Devices Business (2017-2022)
- 11.5.5 Silicon Sensing Recent Development
- 11.6 Panasonic
  - 11.6.1 Panasonic Company Detail
  - 11.6.2 Panasonic Business Overview
  - 11.6.3 Panasonic Thin Film Piezoelectric Devices Introduction
  - 11.6.4 Panasonic Revenue in Thin Film Piezoelectric Devices Business (2017-2022)
  - 11.6.5 Panasonic Recent Development
- 11.7 TDK
  - 11.7.1 TDK Company Detail
  - 11.7.2 TDK Business Overview
  - 11.7.3 TDK Thin Film Piezoelectric Devices Introduction
  - 11.7.4 TDK Revenue in Thin Film Piezoelectric Devices Business (2017-2022)
  - 11.7.5 TDK Recent Development
- 11.8 STMicroelectronics
  - 11.8.1 STMicroelectronics Company Detail
  - 11.8.2 STMicroelectronics Business Overview
  - 11.8.3 STMicroelectronics Thin Film Piezoelectric Devices Introduction
  - 11.8.4 STMicroelectronics Revenue in Thin Film Piezoelectric Devices Business (2017-2022)
  - 11.8.5 STMicroelectronics Recent Development
- 11.9 Vesper Technologies
  - 11.9.1 Vesper Technologies Company Detail
  - 11.9.2 Vesper Technologies Business Overview
  - 11.9.3 Vesper Technologies Thin Film Piezoelectric Devices Introduction
  - 11.9.4 Vesper Technologies Revenue in Thin Film Piezoelectric Devices Business (2017-2022)
  - 11.9.5 Vesper Technologies Recent Development
- 11.10 XAAR
  - 11.10.1 XAAR Company Detail
  - 11.10.2 XAAR Business Overview
  - 11.10.3 XAAR Thin Film Piezoelectric Devices Introduction
  - 11.10.4 XAAR Revenue in Thin Film Piezoelectric Devices Business (2017-2022)
  - 11.10.5 XAAR Recent Development

## **13 REPORT CONCLUSION**

## **14 DISCLAIMER**

## List Of Tables

### LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global Thin Film Piezoelectric Devices Market Size by Type (2018-2023) & (US\$ Million)

Table 6. Global Thin Film Piezoelectric Devices Revenue Market Share by Type (2018-2023)

Table 7. Global Thin Film Piezoelectric Devices Forecasted Market Size by Type (2024-2029) & (US\$ Million)

Table 8. Global Thin Film Piezoelectric Devices Revenue Market Share by Type (2024-2029)

Table 9. Global Thin Film Piezoelectric Devices Market Size by Application (2018-2023) & (US\$ Million)

Table 10. Global Thin Film Piezoelectric Devices Revenue Market Share by Application (2018-2023)

Table 11. Global Thin Film Piezoelectric Devices Forecasted Market Size by Application (2024-2029) & (US\$ Million)

Table 12. Global Thin Film Piezoelectric Devices Revenue Market Share by Application (2024-2029)

Table 13. Global Thin Film Piezoelectric Devices Market Size by Region (US\$ Million): 2018 VS 2022 VS 2029

Table 14. Global Thin Film Piezoelectric Devices Market Size by Region (2018-2023) & (US\$ Million)

Table 15. Global Thin Film Piezoelectric Devices Market Share by Region (2018-2023)

Table 16. Global Thin Film Piezoelectric Devices Forecasted Market Size by Region (2024-2029) & (US\$ Million)

Table 17. Global Thin Film Piezoelectric Devices Market Share by Region (2024-2029)

Table 18. Thin Film Piezoelectric Devices Market Trends

Table 19. Thin Film Piezoelectric Devices Market Drivers

Table 20. Thin Film Piezoelectric Devices Market Challenges

Table 21. Thin Film Piezoelectric Devices Market Restraints

Table 22. Global Top Thin Film Piezoelectric Devices Manufacturers by Revenue (US\$ Million) & (2018-2023)

- Table 23. Global Thin Film Piezoelectric Devices Revenue Market Share by Manufacturers (2018-2023)
- Table 24. Global Thin Film Piezoelectric Devices Industry Manufacturers Ranking, 2021 VS 2022 VS 2023
- Table 25. Global Key Players of Thin Film Piezoelectric Devices, Headquarters and Area Served
- Table 26. Global Thin Film Piezoelectric Devices Manufacturers, Product Type & Application
- Table 27. Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 28. Global Thin Film Piezoelectric Devices by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2022)
- Table 29. Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 30. North America Thin Film Piezoelectric Devices Market Growth Rate by Country: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 31. North America Thin Film Piezoelectric Devices Market Size by Country (2018-2023) & (US\$ Million)
- Table 32. North America Thin Film Piezoelectric Devices Market Size by Country (2024-2029) & (US\$ Million)
- Table 33. Europe Thin Film Piezoelectric Devices Market Growth Rate by Country: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 34. Europe Thin Film Piezoelectric Devices Market Size by Country (2018-2023) & (US\$ Million)
- Table 35. Europe Thin Film Piezoelectric Devices Market Size by Country (2024-2029) & (US\$ Million)
- Table 36. Asia-Pacific Thin Film Piezoelectric Devices Market Growth Rate by Country: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 37. Asia-Pacific Thin Film Piezoelectric Devices Market Size by Country (2018-2023) & (US\$ Million)
- Table 38. Asia-Pacific Thin Film Piezoelectric Devices Market Size by Country (2024-2029) & (US\$ Million)
- Table 39. Latin America Thin Film Piezoelectric Devices Market Growth Rate by Country: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 40. Latin America Thin Film Piezoelectric Devices Market Size by Country (2018-2023) & (US\$ Million)
- Table 41. Latin America Thin Film Piezoelectric Devices Market Size by Country (2024-2029) & (US\$ Million)
- Table 42. Middle East & Africa Thin Film Piezoelectric Devices Market Growth Rate by Country: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 43. Middle East & Africa Thin Film Piezoelectric Devices Market Size by Country



(2018-2023) & (US\$ Million)

Table 44. Middle East & Africa Thin Film Piezoelectric Devices Market Size by Country (2024-2029) & (US\$ Million)

Table 45. Broadcom Company Detail

Table 46. Broadcom Business Overview

Table 47. Broadcom Thin Film Piezoelectric Devices Product

Table 48. Broadcom Revenue in Thin Film Piezoelectric Devices Business (2017-2022) & (US\$ Million)

Table 49. Broadcom Recent Development

Table 50. Qorvo Company Detail

Table 51. Qorvo Business Overview

Table 52. Qorvo Thin Film Piezoelectric Devices Product

Table 53. Qorvo Revenue in Thin Film Piezoelectric Devices Business (2017-2022) & (US\$ Million)

Table 54. Qorvo Recent Development

Table 55. Epson Company Detail

Table 56. Epson Business Overview

Table 57. Epson Thin Film Piezoelectric Devices Product

Table 58. Epson Revenue in Thin Film Piezoelectric Devices Business (2017-2022) & (US\$ Million)

Table 59. Epson Recent Development

Table 60. Fujifilm Company Detail

Table 61. Fujifilm Business Overview

Table 62. Fujifilm Thin Film Piezoelectric Devices Product

Table 63. Fujifilm Revenue in Thin Film Piezoelectric Devices Business (2017-2022) & (US\$ Million)

Table 64. Fujifilm Recent Development

Table 65. Silicon Sensing Company Detail

Table 66. Silicon Sensing Business Overview

Table 67. Silicon Sensing Thin Film Piezoelectric Devices Product

Table 68. Silicon Sensing Revenue in Thin Film Piezoelectric Devices Business (2017-2022) & (US\$ Million)

Table 69. Silicon Sensing Recent Development

Table 70. Panasonic Company Detail

Table 71. Panasonic Business Overview

Table 72. Panasonic Thin Film Piezoelectric Devices Product

Table 73. Panasonic Revenue in Thin Film Piezoelectric Devices Business (2017-2022) & (US\$ Million)

Table 74. Panasonic Recent Development

- Table 75. TDK Company Detail
- Table 76. TDK Business Overview
- Table 77. TDK Thin Film Piezoelectric Devices Product
- Table 78. TDK Revenue in Thin Film Piezoelectric Devices Business (2017-2022) & (US\$ Million)
- Table 79. TDK Recent Development
- Table 80. STMicroelectronics Company Detail
- Table 81. STMicroelectronics Business Overview
- Table 82. STMicroelectronics Thin Film Piezoelectric Devices Product
- Table 83. STMicroelectronics Revenue in Thin Film Piezoelectric Devices Business (2017-2022) & (US\$ Million)
- Table 84. STMicroelectronics Recent Development
- Table 85. Vesper Technologies Company Detail
- Table 86. Vesper Technologies Business Overview
- Table 87. Vesper Technologies Thin Film Piezoelectric Devices Product
- Table 88. Vesper Technologies Revenue in Thin Film Piezoelectric Devices Business (2017-2022) & (US\$ Million)
- Table 89. Vesper Technologies Recent Development
- Table 90. XAAR Company Detail
- Table 91. XAAR Business Overview
- Table 92. XAAR Thin Film Piezoelectric Devices Product
- Table 93. XAAR Revenue in Thin Film Piezoelectric Devices Business (2017-2022) & (US\$ Million)
- Table 94. XAAR Recent Development
- Table 95. Broadcom Company Information
- Table 96. Broadcom Business Overview
- Table 97. Broadcom Thin Film Piezoelectric Devices Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million)
- Table 98. Broadcom Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million) Portfolio
- Table 99. Broadcom Recent Development
- Table 100. Qorvo Company Information
- Table 101. Qorvo Business Overview
- Table 102. Qorvo Thin Film Piezoelectric Devices Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million)
- Table 103. Qorvo Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million) Portfolio
- Table 104. Qorvo Recent Development
- Table 105. Epson Company Information

Table 106. Epson Business Overview

Table 107. Epson Thin Film Piezoelectric Devices Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million)

Table 108. Epson Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million) Portfolio

Table 109. Epson Recent Development

Table 110. Fujifilm Company Information

Table 111. Fujifilm Business Overview

Table 112. Fujifilm Thin Film Piezoelectric Devices Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million)

Table 113. Fujifilm Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million) Portfolio

Table 114. Fujifilm Recent Development

Table 115. Silicon Sensing Company Information

Table 116. Silicon Sensing Business Overview

Table 117. Silicon Sensing Thin Film Piezoelectric Devices Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million)

Table 118. Silicon Sensing Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million) Portfolio

Table 119. Silicon Sensing Recent Development

Table 120. Panasonic Company Information

Table 121. Panasonic Business Overview

Table 122. Panasonic Thin Film Piezoelectric Devices Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million)

Table 123. Panasonic Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million) Portfolio

Table 124. Panasonic Recent Development

Table 125. TDK Company Information

Table 126. TDK Business Overview

Table 127. TDK Thin Film Piezoelectric Devices Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million)

Table 128. TDK Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million) Portfolio

Table 129. TDK Recent Development

Table 130. STMicroelectronics Company Information

Table 131. STMicroelectronics Business Overview

Table 132. STMicroelectronics Thin Film Piezoelectric Devices Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million)

Table 133. STMicroelectronics Revenue in Thin Film Piezoelectric Devices Business

(2018-2023) & (US\$ Million) Portfolio

Table 134. STMicroelectronics Recent Development

Table 135. Vesper Technologies Company Information

Table 136. Vesper Technologies Business Overview

Table 137. Vesper Technologies Thin Film Piezoelectric Devices Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million)

Table 138. Vesper Technologies Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million) Portfolio

Table 139. Vesper Technologies Recent Development

Table 140. XAAR Company Information

Table 141. XAAR Business Overview

Table 142. XAAR Thin Film Piezoelectric Devices Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million)

Table 143. XAAR Revenue in Thin Film Piezoelectric Devices Business (2018-2023) & (US\$ Million) Portfolio

## I would like to order

Product name: Thin Film Piezoelectric Devices Industry Research Report 2023

Product link: <https://marketpublishers.com/r/T94FA41410F0EN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/T94FA41410F0EN.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