

# Global Vertical MEMS Probe Cards Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Vertical MEMS Probe Cards market size was valued at USD 1263.4 million in 2023 and is forecast to a readjusted size of USD 2219.6 million by 2030 with a CAGR of 8.4% during review period.

Vertical Probe Cards refers the probe cards' probe needles are vertical to the substrate. MEMS stands for "microelectromechanical system." It generally refers to high-density devices (particularly those with moving parts) that are produced by integrating machine element components, sensors, actuators, and electrical circuits on the surface of a single silicon substrate, glass substrate, or organic material through microfabrication technologies. Vertical MEMS Probe Cards are probe cards that use vertical-pin-type probe and manufacturing with MEMS technology.

Global vertical MEMS probe cards include FormFactor, Technoprobe S.p.A., Micronics Japan(MJC), Japan Electronic Materials(JEM) and MPI Corporation, etc. Global top 5 companies hold a share over 78%. North America is the largest market, with a share about 35%, followed by Europe and Japan with the share about 18% and 17%. In terms of product, pitch below 60  $\mu\text{m}$  is the largest segment, with a share over 65%. And in terms of application, the largest application is memory devices, followed by microprocessors.

The Global Info Research report includes an overview of the development of the Vertical MEMS Probe Cards industry chain, the market status of Memory Devices (Pitch Below 60  $\mu\text{m}$ , Pitch 60-100  $\mu\text{m}$ ), Microprocessors (Pitch Below 60  $\mu\text{m}$ , Pitch 60-100  $\mu\text{m}$ ), and key enterprises in developed and developing market, and analysed the cutting-

edge technology, patent, hot applications and market trends of Vertical MEMS Probe Cards.

Regionally, the report analyzes the Vertical MEMS Probe Cards markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Vertical MEMS Probe Cards market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Vertical MEMS Probe Cards market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Vertical MEMS Probe Cards industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K PINs), revenue generated, and market share of different by Type (e.g., Pitch Below 60 ?m, Pitch 60-100 ?m).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Vertical MEMS Probe Cards market.

**Regional Analysis:** The report involves examining the Vertical MEMS Probe Cards market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Vertical MEMS Probe Cards market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Vertical MEMS Probe Cards:

**Company Analysis:** Report covers individual Vertical MEMS Probe Cards manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Vertical MEMS Probe Cards. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Memory Devices, Microprocessors).

**Technology Analysis:** Report covers specific technologies relevant to Vertical MEMS Probe Cards. It assesses the current state, advancements, and potential future developments in Vertical MEMS Probe Cards areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Vertical MEMS Probe Cards market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Vertical MEMS Probe Cards market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Pitch Below 60 ?m

Pitch 60-100 ?m

Pitch Above 100 ?m

### Market segment by Application

Memory Devices

Microprocessors

SoC Devices

Others

### Major players covered

FormFactor

Technoprobe S.p.A.

Micronics Japan (MJC)

Japan Electronic Materials (JEM)

MPI Corporation

SV Probe

Microfriend

Korea Instrument

Will Technology

TSE

Feinmetall

TIPS Messtechnik GmbH

STAr Technologies

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 Vertical MEMS Probe Cards product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vertical MEMS Probe Cards, with price, sales, revenue and global market share of Vertical MEMS Probe Cards from 2019 to 2024.

Chapter 3, the Vertical MEMS Probe Cards competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Vertical MEMS Probe Cards breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023. and Vertical MEMS Probe Cards market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of Vertical MEMS Probe Cards.

Chapter 14 and 15, to describe Vertical MEMS Probe Cards sales channel, distributors, customers, research findings and conclusion.

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