

# Global Probe Card Market (2017-2021 Edition)

<https://marketpublishers.com/r/G713F0FCBC0EN.html>

Date: September 2017

Pages: 49

Price: US\$ 800.00 (Single User License)

ID: G713F0FCBC0EN

## Abstracts

### Scope of the Report

The report titled “Global Probe Card Market (2017-2021 Edition)” provides an in-depth analysis of the global probe card market with detailed analysis of the market by value and by segments.

The report provides detailed regional analysis of Asia-Pacific, which also included the forecast market for the period 2017-2021. Taiwan, Japan, China are leading manufacturers of the product in the region. Growth of the global probe card market has also been forecasted for the period 2017-2021, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

The global probe card market is highly consolidated as a few leading vendors hold the majority of market shares. The market has high entry barriers owing to the highly consolidated nature of the market and the requirement of technical expertise. It is anticipated that the vendors with cheaper and technologically advanced testing solutions will be able to capture a greater market share during the forecast period.

Further, key players of the global probe card market are FormFactor, Japan Electronic Materials and Micronics Japan. The report has also profiled their financial information and respective business strategies.

### Country Coverage

Asia-Pacific

### Company Coverage

FormFactor, Inc.

Micronics Japan Co. Ltd.

Japan Electronic Materials Corporation

## Executive Summary

Wafer testing performed by semiconductor producer is done with the help of test equipment devices that are called probe cards. Probe cards are the testing devices used by semiconductor manufacturers to perform wafer test on semiconductor die and chips. Traditional probe cards contact just a part of the wafer, requiring various touchdowns to test the whole wafer. There has been improvements in designs to suit a wide range of contactor technologies so that the contactor technology can develop according to the necessities of the customers.

The global probe card market increased at a significant CAGR during the span of four years, i.e. 2013-2016 and projections are made that the market would rise in the next five years i.e. 2017-2021, tremendously. The market can be segmented, on the basis of technology into: blade/tungsten, epoxy/cantilever, vertical probe and MEMS. The probe card market segmentation is also done on the basis of device into Foundry & Logic, DRAM, Flash and Engineering Systems.

The growth drivers for the global probe card market are: emergence of TSV technology, the prevalence of miniaturization, rise in the semiconductor market and LED market. Despite the market is governed by various growth drivers, there are certain challenges faced by the market such as: continuous price pressure on vendors, cyclical nature of the semiconductor industry, and limited number of suppliers. Some of the recent trends in the market include developments in the semiconductor market & LED market relating to probe cards, transition from cantilever probe cards to advanced probe cards and the emerging strong players.

## Contents

### 1. EXECUTIVE SUMMARY

### 2. INTRODUCTION

- 2.1 Introduction to Probe Card Market
- 2.2 Elements of Probe Cards
- 2.3 Types of Probe Cards
- 2.4 Applications of Probe Cards

### 3. GLOBAL MARKET ANALYSIS

- 3.1 Global Probe Card Market: An Analysis
  - 3.1.1 Global Probe Card Market by Value
- 3.2 Global Probe Card Market: Device Analysis
  - 3.2.1 Global Probe Card Market Value by Device
  - 3.2.2 Global Foundry & Logic Probe Card Market by Value
  - 3.2.3 Global DRAM Probe Card Market by Value
  - 3.2.4 Global Flash Probe Card Market by Value
  - 3.2.5 Global Engineering Systems Probe Card Market by Value
- 3.3 Global Probe Card Market: Technology Analysis
  - 3.3.1 Global Probe Card Market Value by Technology
  - 3.3.2 Global MEMS Probe Card Market by Value
  - 3.3.3 Global Vertical Probe Card Market by Value
  - 3.3.4 Global Epoxy/Cantilever Probe Card Market by Value
  - 3.3.5 Global Blade/Tungsten Probe Card Market by Value
- 3.4 Global Probe Card Market: Regional Analysis
  - 3.4.1 Global Probe Card Market Value by Region
  - 3.4.2 Asia-Pacific Probe Card Market by Value

### 4. COMPETITIVE LANDSCAPE

- 4.1 Global Probe Card Market Players: A Comparison
- 4.2 Global Probe Card Market Players by Share: An Analysis
  - 4.2.1 Global Probe Card Market Players by Market Share
  - 4.2.2 Global Probe Card Market Players by DRAM Probe Card Share

### 5. COMPANY PROFILE

## 5.1 FormFactor, Inc.

### 5.1.1 Business Overview

### 5.1.2 Financial Overview

### 5.1.3 Business Strategy

## 5.2 Micronics Japan Co., Ltd.

### 5.2.1 Business Overview

### 5.2.2 Financial Overview

### 5.2.3 Business Strategy

## 5.3 Japan Electronic Materials Corporation

### 5.3.1 Business Overview

### 5.3.2 Financial Overview

### 5.3.3 Business Strategy

## List Of Figures

### LIST OF FIGURES

Figure 1: Elements of Probe Card

Figure 2: Probe Head Structure

Figure 3: Types of Probe Cards

Figure 4: Tests Performed by Probe Cards

Figure 5: Global Probe Card Market by Value; 2013-2016 (US\$ Billion)

Figure 6: Global Probe Card Market by Value; 2017-2021 (US\$ Billion)

Figure 7: Global Probe Card Market Value by Device; 2016 (Percentage, %)

Figure 8: Global Foundry & Logic Market Probe Card by Value; 2013-2017 (US\$ Million)

Figure 9: Global DRAM Probe Card Market by Value; 2013-2017 (US\$ Million)

Figure 10: Global Flash Probe Card Market by Value; 2013-2017 (US\$ Million)

Figure 11: Global Engineering Systems Probe Card Market by Value; 2013-2017 (US\$ Million)

Figure 12: Global Probe Card Market Value by Technology; 2016 (Percentage, %)

Figure 13: Global MEMS Probe Card Market by Value; 2011-2016 (US\$ Million)

Figure 14: Global Vertical Probe Card Market by Value; 2011-2016 (US\$ Million)

Figure 15: Global Epoxy/Cantilever Probe Card Market by Value; 2011-2016 (US\$ Million)

Figure 16: Global Blade/Tungsten Probe Card Market by Value; 2011-2016 (US\$ Million)

Figure 17: Global Probe Card Market Value by Region; 2016 (Percentage, %)

Figure 18: Asia-Pacific Probe Card Market by Value; 2015-2021 (US\$ Billion)

Figure 19: Global Probe Card Market Players by Market Share; 2016 (Percentage, %)

Figure 20: Global Probe Card Market Players by DRAM Probe Card Share; 2013-2015 (Percentage, %)

Figure 21: FormFactor Revenue; 2012-2016 (US\$ Million)

Figure 22: FormFactor Revenue by Segments; 2016 (Percentage, %)

Figure 23: FormFactor Revenue by Geography; 2016 (Percentage, %)

Figure 24: Micronics Japan Net Sales; 2012-2016 (US\$ Million)

Figure 25: Micronics Japan Net Revenue by Segments; 2016 (%)

Figure 26: Micronics Japan Net Revenue by Region; 2016 (%)

Figure 27: Japan Electronic Materials Corporation Net Sales; 2012-2016 (US\$ Million)

## List Of Tables

### LIST OF TABLES

Table 1: Global Probe Card Market Players: A Comparison; 2016

Table 2: Japan Electronic Materials, ISO 9001 Certification

## I would like to order

Product name: Global Probe Card Market (2017-2021 Edition)

Product link: <https://marketpublishers.com/r/G713F0FCBC0EN.html>

Price: US\$ 800.00 (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/G713F0FCBC0EN.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