

2018-2023 Global Probe Card Consumption Market Report

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Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Probe Card market for 2018-2023.

A probe card is an interface between an electronic test system and a semiconductor wafer. Typically the probe card is mechanically docked to a prober and electrically connected to a tester. Its purpose is to provide an electrical path between the test system and the circuits on the wafer, thereby permitting the testing and validation of the circuits at the wafer level, usually before they are diced and packaged. It consists, normally, of a printed circuit board (PCB) and some form of contact elements, usually metallic, but possibly of other materials as well.

Demand for probe cards should grow consistently due to the need of high-end assembly for applications such as network/communication equipment, smartphone chips, high-end GPUs, CMOS and wearable device memory, and demands for SiP assembly for fingerprint recognition by Apple and non-Apple manufacturers. IC assembly and testing companies should be the ones to benefit from this development, for they are most directly related to the use of probe cards.

United States has the largest global export quantity and manufacturers in Probe Card market, while the Japan is the second sales volume market for Probe Card in 2017.

In the industry, FormFactor profits most in 2017 and recent years, while Micronics Japan (MJC) and Technoprobe S.p.A. ranked 2 and 3. The market share of them is 23.84%, 14.20% and 9.33% in 2017. The gap of market share is keep on enlarged due to different strategy.

Nowadays, there are three mainly types of Probe Card, including Cantilever Probe Card, Vertical Probe Card and MEMS Probe Card. And Vertical Probe Card is the main type for Probe Card, and the Vertical Probe Card reached a sales volume of

approximately 48510 K PIN in 2017, with 36.83% of global sales volume. The development of probe cards synchronizes with the development of IC industry. For example, 3D IC, Chip Scale Package (CSP), Flip Chip Package, Multi Chip Module (MCM), KGD (Known Good Die), Cooper Pillar Package, Drawing Chip and high-frequency testing demand are all dependent on various probe card testing technologies. Probe Card technology is much mature now, and new enterprises can not surpass existing famous brands on reputation or design in the short term. So, the study group recommends the new entrants need to be considered carefully before enter into this field.

Over the next five years, LPI(LP Information) projects that Probe Card will register a 4.0% CAGR in terms of revenue, reach US\$ 1900 million by 2023, from US\$ 1500 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Probe Card market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Cantilever Probe Card

Vertical Probe Card

MEMS Probe Card

Segmentation by application:

Foundry & Logic

DRAM

Flash

Parametric

Others (RF/MMW/Radar, etc.)

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

FormFactor

Micronics Japan (MJC)

Technoprobe S.p.A.

Japan Electronic Materials (JEM)

MPI Corporation

SV Probe

Microfriend

Korea Instrument

Feinmetall

Synergie Cad Probe

Advantest

Will Technology

TSE

TIPS Messtechnik GmbH

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

RESEARCH OBJECTIVES

To study and analyze the global Probe Card consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Probe Card market by identifying its various subsegments.

Focuses on the key global Probe Card manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Probe Card with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Probe Card submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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