

2018-2023 Global Flip Chip Bonder 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 Flip Chip Bonder market for 2018-2023. Flip chip is a method used for components or devices that can be bonded directly onto a substrate, board or carrier face-down. The connection is made through conductive bumps placed on the surface of the die. The placing process amounts to the following:

1. Die is picked up and place on a 'flipping device'
 2. Die is 'flipped' and moved to hover over the substrate (or board or carrier) where bumps reside-precisely positioned in their previously defined positions
 3. The tool then places the die on the bump with a programmed amount of force
- Flip chip bumping is a vital step to the process. The bump provides the necessary electrical connection between the die and the substrate, provides thermal conduction through the two materials, acts as a 'spacer' to prevent electrical shorts and provides mechanical support.

Flip chips avoid wire bonding and therefore are able to be much smaller than their counterparts. Flip chip processes have been around for more than 40 years. Since then, thousands of applications have taken advantage of the size and cost benefits enabled by the flip chip assembly method.

Flip Chip Bonder industry is relatively concentrated, manufacturers are mostly in the Europe, US and Asia. As for the downstream market, China sales accounted for more than 22.71% of the total sales of global Flip Chip Bonder in 2016. Besi is the world leading manufacturer in global Flip Chip Bonder market with the market share of 28.64%, in terms of revenue. China market is expected to be the biggest market with sales market share of 25.67% in 2022.

Despite the presence of competition problems, investors are still optimistic about this

area, in future still more new investment will enter into the field. Technology and cost are two major problems.

Although sales of Flip Chip Bonder brought a lot of opportunities, for the new entrants with only advantage in capital without sufficient support in technology and downstream channels, the research group did not recommend taking risk enter this market.

Over the next five years, LPI(LP Information) projects that Flip Chip Bonder will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Flip Chip Bonder 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:

Fully Automatic

Semi-Automatic

Segmentation by application:

IDMs

OSAT

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:

Besi

ASM Pacific Technology

Shibaura

Muehlbauer

Kulicke & Soffa

Hamni

AMICRA Microtechnologies

SET

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 Flip Chip Bonder 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 Flip Chip Bonder market by identifying its various

subsegments.

Focuses on the key global Flip Chip Bonder 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 Flip Chip Bonder 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 Flip Chip Bonder 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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