

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) TCB Bonder Market 2018, Forecast to 2023

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Abstracts

Thermo Compression Attach. Using this technique, there are no adhesives to join the die and the package. Instead, heat and force are applied to the die in a process called 'Thermo Compression Bonding'. The bumps are forced against their opposing pads and a second metallic bond is formed where the bond comes into contact with the package metallization. This technique typically requires the use of heat as high as 350° to 400°C, and forces of as much as 100 g/bump.

SCOPE OF THE REPORT:

This report focuses on the TCB Bonder in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Thermo Compression Bonding (TCB) is a chip attach technology under investigation and implementation in multiple platforms. The global TCB Bonder market is driven by increased TCB Bonder usage: memory applications currently, logic devices next. Meanwhile, TCB Bonder is gaining market share from wire bond assembly processes. Also, lower throughput coupled with higher processing costs was example of challenges in the TCB technology.

The leading enterprises in the TCB Bonder market are ASMPT (AMICRA) (HK) and K&S (US), which followed by Besi (NL), Shibaura (JP), SET (FR), and Hanmi (KR). These Top companies currently account for more than 91.03% of the total market share and are expected to retain their dominating hold over the market during the forecast period.

North America TCB Bonder market would keep being the largest market, followed by Europe in 2018. Japan market and China market would rank forth (12 units) and fifth (11

units).

The worldwide market for TCB Bonder is expected to grow at a CAGR of roughly 21.0% over the next five years, will reach 100 million US\$ in 2023, from 33 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

ASMPT (Amicra)

K&S

BESI

Shibaura

SET

Hamni

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Automatic TCB Bonder

Manual TCB Bonder

Market Segment by Applications, can be divided into

IDMs

OSAT

There are 15 Chapters to deeply display the global TCB Bonder market.

Chapter 1, to describe TCB Bonder Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of TCB Bonder, with sales, revenue, and price of TCB Bonder, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of TCB Bonder, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, TCB Bonder market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe TCB Bonder sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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