

Global Semiconductor Bonding Market Size study, by Process type(Die-to-die bonding, Die-to-wafer bonding, Wafer-to-wafer bonding), by Technology (die bonding, wafer bonding), by type (Die bonder, wafer bonder, flip chip bonder) by Application (Mems and sensors, Cmos image sensors (cis), Radiofrequency (rf) devices, LED), and Regional Forecasts 2021-2027

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Abstracts

Global Semiconductor Bonding Market is valued approximately at USD 848.16 Million in 2020 and is anticipated to grow with a healthy growth rate of more than 3.8% over the forecast period 2021-2027. The global Semiconductor Bonding market is being driven by growing adoption of stacked die technology in IoT devices and rising demand for electric and hybrid vehicles in various regions. Furthermore, increasing demand for 3D semiconductor assembly and packaging as well as growing adoption of IoT and AI in automotive sector will provide new opportunities for the global Semiconductor Bonding industry. For instance, according to statista, there has been significant rise in the production of hybrid electric vehicles; in year 2020, the production stood at 2.9 million units worldwide, and it is expected to grow to 5.4 million units by year 2025. As a result, increased production of hybrid electric vehicles will necessitate the use of semiconductor bonding and will serve as a catalyst for the Semiconductor Bonding industry in the future. However, high cost of ownership may impede market growth over the forecast period of 2021-2027.

Asia Pacific, North America, Europe, Latin America, and Rest of the World are the key region considered for the regional analysis of global Semiconductor Bonding Market. The increasing number of IDMs in the region makes Asia Pacific a significant region across the world in terms of market share. Whereas Asia pacific is also anticipated to

exhibit the highest CAGR over the forecast period 2021-2027, due to the mass production of electronic products such as smartphones, wearables, and white goods in China and Taiwan in the region.

Major market player included in this report are:

Asm pacific technology
BESI
Panasonic
Fasford technology
Shinkawa LTD
EV group (EVG)
Suss microtec SE
Kulicke & soffa industries
Palomar technologies
Shibaura mechatronics

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Process Type:

Die-to-die bonding
Die-to-wafer bonding
Wafer-to-wafer bonding

By Technology:

Die bonding
wafer bonding

By type:

Die bonder
Wafer bonder
Flip chip Bonder

By Application:

Mems and sensors
Cmos image sensors (cis)
Radiofrequency (rf) devices
LED

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global Semiconductor Bonding Market in Market Study:

Key Consulting Companies & Advisors

Global Semiconductor Bonding Market Size study, by Process type(Die-to-die bonding, Die-to-wafer bonding, Wafe...

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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