

Flip Chip Technology Market - Global Outlook and Forecast 2022-2028

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Abstracts

In the development of packaging of electronics, the main aim is to lower cost, increase the packaging density, and improve the performance by maintaining or improving the reliability of the circuits. The concept of the flip-chip process where the semiconductor chip is assembled face down onto the circuit board is ideal for size considerations because there is no extra area needed for contacting on the sides of the component. The performance in high-frequency applications is superior to other interconnection methods because the length of the connection path is minimized. Flip chip bumping is a vital step in 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.

This report contains market size and forecasts of Flip Chip Technology in Global, including the following market information:

Global Flip Chip Technology Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Flip Chip Technology market was valued at 22120 million in 2021 and is projected to reach US\$ 32280 million by 2028, at a CAGR of 5.6% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Packaging Technology Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Flip Chip Technology include Samsung, Intel, Global Foundries, UMC, ASE, Amkor, STATS ChipPAC, Powertech and STMicroelectronics and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Flip Chip Technology companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Flip Chip Technology Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Flip Chip Technology Market Segment Percentages, by Type, 2021 (%)

Packaging Technology

Mosaic Technology

Other

Global Flip Chip Technology Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Flip Chip Technology Market Segment Percentages, by Application, 2021 (%)

Consumer electronics

Telecommunication

Automotive

Industrial sector

Medical devices

Smart technologies

Military & aerospace

Global Flip Chip Technology Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Flip Chip Technology Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Flip Chip Technology revenues in global market, 2017-2022

(estimated), (\$ millions)

Key companies Flip Chip Technology revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Samsung

Intel

Global Foundries

UMC

ASE

Amkor

STATS ChipPAC

Powertech

STMicroelectronics

Texas Instruments

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