

# Flip Chip Market Size Is Projected To Climb Up To \$60.48 Billion By 2028, With A Growth Rate CAGR Of 11.7%

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Flip Chip Global Market Report 2024 - Market Size, Trends, And Global Forecast 2024-2033

With a meteoric rise in recent years, the flip chip market size is projected to escalate from \$34.9 billion in 2023 to \$38.88 billion in 2024, at a compound annual growth rate CAGR of 11.4%. This accelerated growth can be accredited to various factors such as miniaturization and size reduction, enhanced electrical performance, growth of consumer electronics, greater heat dissipation, and increased data transmission speed.

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The flip chip market size is expected to see rapid growth in the next few years. It will grow to \$60.48 billion in 2028 at a compound annual growth rate (CAGR) of 11.7%.”

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[What does the forecasted growth look like for the Flip Chip Market?](#)

In the forthcoming years, the flip chip market size is anticipated to witness a rapid surge. It is projected to climb up to \$60.48 billion by 2028, with a compound annual

growth rate CAGR of 11.7%. This upcoming growth can be ascribed to various factors such as advancements in the automotive electronics sector, high-density interconnects, heterogeneous integration, 3D IC integration, and advancements in semiconductor materials. Major trends directing this forecasted period include the advent of 5G technology, growth of high-performance computing, expansion of the internet of things IoT, advanced packaging technologies, acceleration of AI and machine learning, and quantum computing.

To understand more about the market, request a Sample Report:

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What are the key growth propellers for the Flip Chip market?

A significant propelling factor for the flip chip market's growth is the increase in sales of electronic products. Flip chips are incorporated in electronic equipment to enhance portable electrical devices' performance that operate at higher frequencies, paving the way for its expansive usage in ultrasonic and microwave operations. The technology, while occupying less space, exhibits high system efficiency and low inductance. Gartner, a US-based consulting firm, estimates that the installed base of devices globally is expected to reach 6.4 billion units in 2022, signifying an increase of 3.2% from 2021. This rise in electronic product sales is indeed a driving factor for the flip chip market growth.

For an in-depth study, access The Full Report:

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Who are the major players in the Flip Chip market?

The flip chip market is dominated by major companies such as 3M Company, Advanced Micro Devices Inc., Amkor Technology Inc., Apple Inc., Fujitsu Limited., Intel Corporation, International Business Machines Corporation, Samsung Electronics Co. Ltd., Texas Instruments Incorporated, ASE Technology Holding Co. Ltd., Chipbond Technology Corporation, Jiangsu Changjiang Electronics Technology Co. Ltd, Siliconware Precision Industries Co. Ltd., Unimicron Technology Corporation, Ibiden Co. Ltd., Nan Ya Printed Circuit Board Corporation, and many more. These market leaders persistently focus on technological advancements to strengthen their standing in the market.

[What new technological trends are surfacing in the Flip Chip Market?](#)

Keeping abreast with technological advancements is an emerging trend gaining traction in the flip chip market. Companies are investing heavily in developing innovative technologies to solidify their market position. For instance, in August 2021, ACM Research Inc., renowned for its single-wafer wet cleaning equipment, launched the ACM's Ultra ECP GIII plating tool. This tool, designed to support wafer-level packaging WLP, provides product offers for silicon carbide SiC, gallium nitride GaN, and gallium arsenide for compound semiconductors GaAs, arranging gold Au into backside deep hole processes with uniformity and step coverage.

How is the Flip Chip market segmented?

The flip chip market report covers its segmentation by:

1 By Packaging Technology: 3D IC, 2.5D IC, 2D IC

2 By Bumping Technology: Copper Pillar, Solder Bumping, Tin-Lead Eutectic Solder, Lead-Free Solder

3 By Industry: Electronics, Heavy Machinery and Equipment, IT and Telecommunication, Automotive, Other Industries

What are the regional insights on the Flip Chip market?

In 2023, the flip chip market witnessed Asia-Pacific as the largest region. However, it is anticipated that this region will also be the fastest-growing during the forecasted period. Other regions covered in the report include Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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