

Chip On Flex Market to Grow at a CAGR of 4.43% from 2016 to 2021, to Cross USD 1795 Million Mark by 2021

Chip On Flex Market By Type (Single Sided Chip On Flex, Others), Application (Static, Dynamic), Verticals (Military, Aerospace, Electronics) - Forecast to 2021

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Synopsis of Chip On Flex Market

“ We enable our customers to
unravel the complexity.”



Market Research Future

Market Forecast and Overview:



Key Players in market are
LGIT corporation (U.S.),
Stemko Group (Korea),
Flexceed (Japan), Chipbond
technology
corporation(Taiwan),
CWE(Taiwan), Danbond
Technology Co. Ltd.(China)”
Market Research Future

Chip On Flex Market is expected to grow at CAGR of ~4.43% during 2016 to 2021 and expected to reach market size of US \$1795 Million by the end of forecast period.

Chip On Flex is also known as direct chip attachment. Chip On Flex possess high bending strength, which makes it useful in processes that require bending and folding. It is also used in electronic equipment which requires repeated movements such as printers. The other advantages provided by Chip On Flex technology include savings in space, mechanical flexibility, low production cost and increased reliability from heat distribution. Unlike rigid boards, flex circuits are not restricted to two dimensions. Because they are as flexible as

wires or ribbon cables, flex circuit design options are endless. Flex circuits can be designed to meet highly complex and unimaginable configurations while being able to operate in the most hostile environments. Flexible Circuits are third dimension and can interconnect between two or more planes during execution. With the increasing footprints of wearable's in the medical device space the two dimensional circuits are getting replaced by the flexible circuit boards acts as an opportunity for the growth of flexible printed boards during the forecasted period. The ability of the flexible circuit boards is to bend and twist into different shapes that help them to fit into place where rigid PCB's cannot. Flexible circuits are favored in applications where size and weight are important considerations, such as implantable medical devices, that include pacemakers, defibrillators, and cochlear implants are among the implantable devices that employ flexible circuits.

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Key Players in Market

The prominent players in the Chip On Flex market are-

- LGIT Corporation (U.S.)
- Stemko Group (Korea)
- Flexceed (Japan)
- Chipbond Technology Corporation (Taiwan)
- CWE (Taiwan)
- Danbond Technology Co. Ltd. (China)
- AKM Industrial Company Ltd. (China)
- Compass Technology Company Limited (Hong Kong)
- Compunetics Inc. (U.S.)
- Stars Microelectronics Company Ltd (Thailand)

Market Highlights and Drivers

The market is majorly driven by growing range of applications in the industrial, military, computer, telecommunication, consumer electronics, and medical electronics industries. The increasing collaboration between printed circuit board companies and funding by government bodies also ensures the prevalence of flexible printed circuit board in consumer electronics, automotive, aerospace, defense, Medical as well as other applications.

Chip On Flex Market Segmentation

The Chip On Flex Market has been segmented on the basis of types, applications and verticals.

- The Types of Chip On Flex are One Sided Chip On Flex and others.
- The Applications comprises of Static and Dynamic Flexing.
- The various Verticals of Chip On Flex market are Military, Medical, Aerospace, and Electronics

Access the market data and market information presented through more than 30 market data tables and figures spread over 110 numbers of pages of the project report "[Global Chip On Flex Market](#)"

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Market Research Analysis:

Market Research Future Analysis shows that the dynamic flexing used in Chip On Flex will be the highest growing. In dynamic flexing applications, the flexible circuit itself is repeatedly flexed while using the final product. Dynamic flexing is most useful in applications where a high degree of accuracy is needed. It also facilitates those processes where high volume of flexing is required. Dynamic flexing has various applications which majorly include Air bag systems, Bar code equipment, Heart monitors and pacemakers, automotive engine controls, cameras, calculators, motion systems, cell phones and printers among others.

Regional Analysis:

Geographically, Asia Pacific is expected to dominate the market owing to presence of China which is the biggest consumption market of Chip On Flex. Taiwan also contributes to growth of Chip On Flex market in Asia Pacific owing to its economic structure and strong bureaucratic system. Europe will experience a growth due to presence of large automobile industries in the region. With the increasing demand automobiles in the Europe region, the manufacturers have to focus on high quality Chip On Flex components and follow adequate quality assurance procedures. North America region will be

followed by Europe in terms of market share.

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In order to stay updated with technology and work process of the industry, MRFR often plans & conducts meet with the industry experts and industrial visits for its research analyst members.

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