

Chip Antenna Market Predicted to Surpass to \$5.3 Billion by 2031 (14.3% CAGR)

The global chip antenna market was valued at \$1.4 billion in 2021, is projected to reach \$5.3 billion by 2031, growing at a CAGR of 14.3% from 2022 to 2031.

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/EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "[Chip Antenna Market](#), by Type (LTCC Chip, Dielectric Chip Antenna), by Application (WLAN/Wi-Fi, Bluetooth, Dual Band/Multi Band,

GPS/GNSS), by End User (Automotive, Healthcare, Telecommunication, Consumer Electronics, Others): Global Opportunity Analysis and Industry Forecast, 2021 – 2031." The chip antenna market was valued at \$1.4 billion in 2021, and is estimated to reach \$5.3 billion by 2031, growing at a CAGR of 14.3% from 2022 to 2031. The report offers a detailed analysis of the top winning

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The Bluetooth segment dominated the market in 2021, is estimated to grow at a CAGR of 11.95%.”

Roshan Deshmukh

strategies, evolving market trends, market size and estimations, value chain, key investment pockets, drivers & opportunities, competitive landscape and regional landscape. The report is a useful source of information for new entrants, shareholders, frontrunners and shareholders in introducing necessary strategies for the future and taking essential steps to significantly strengthen and heighten their position in the market.

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A chip antenna is a quarter wave monopole antenna that works with a printed circuit board (PCB) ground plane to form a dipole system. RF chip antenna is one of the most important components of the radiofrequency system. The right type of antenna maximizes the system's performance, and is cost-efficient and can make the equipment size compact. On the other hand, Bluetooth chip antenna is smaller as compared to the other type of antenna. The chip



antennas are popular in the global market because of their high-frequency range. These are perfect for devices, for example, mobile phones and routers. The Chip antennas support frequencies below 1GHz and take a limited size as compared to the other type of antenna. Chip antenna, with the assistance of cell associations, can be utilized to help with observing and resource following in medical services and moving a lot of information.

Consumer electronics devices such as smartphones, laptops, smart TVs, wearables, tablets, gaming consoles, and other peripheral devices use embedded antenna systems for wireless applications, such as LPWan, Wi-Fi, and GPS. In several countries, the increasing use of consumer electronics, such as smartphones and laptops, is mainly attributed to rising disposable income, increasing population, and growing internet penetration. Rise in advancements in smartphone technologies and increase in digitalization propel the growth of the embedded antenna system market. In addition, the expanding popularity of Bluetooth drives the demand for consumer electronics such as headsets, smartphones, wearables, and game consoles. These factors boost the chip antenna market growth.

The chip antenna market is expected to witness notable growth during the forecast period, owing to the emergence of the internet of things (IoT) and machine-to-machine interfaces in different verticals of businesses. The rapid increase in the number of connected devices and growing inclination toward high-speed internet connectivity is fueling the adoption of 5G networks. Technological advancements in wireless communications, such as long-term evolution (LTE), enhanced mobility, and mobile data traffic surge, are driving the penetration of 5G technology. The surge in penetration of 5G network is acting as a major driver influencing the growth of the chip antenna market.

However, lack of skilled employees and high construction and maintenance costs for the infrastructure required to support flat panel antennas are projected to hinder the chip antenna market growth. On the other hand, rise in demand for low-power wide-area (LPWA) networks in IoT applications are key factors driving the growth of the chip antenna market.

The chip antenna market is segmented into Type, Application and End User.

By type, the market is divided into LTCC chip and dielectric chip antenna. The LTCC chip segment was the highest revenue contributor to the market in 2021.

By application, the market is divided into WLAN/Wi-Fi, Bluetooth, dual band/multi band and GPS/GNSS. The Bluetooth segment was the highest revenue contributor to the market in 2021.

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By end user, the market is analyzed across automotive, healthcare, telecommunication, consumer electronics and others. The telecommunication segment was the highest revenue

contributor to the market in 2021.

Region wise, the embedded antenna system market trends are analyzed across North America (the U.S., Canada, and Mexico), Europe (UK, Germany, France and rest of Europe), Asia-Pacific (China, Japan, India, South Korea and rest of Asia-Pacific), and LAMEA (Latin America, the Middle East, and Africa).

The [chip antenna industry](#) key players profiled in the report include Johanson Technology, Inc., Vishay Intertechnology, Inc., Antenova Ltd., Mitsubishi Materials Corporation, Taoglas, Sunlord, YAGEO Group, Partron Co., Ltd, Pulse Electronics and Ignion. Market players have adopted various strategies, such as product launch, collaboration & partnership, joint venture, and acquisition, to expand their foothold in the chip antenna market.

Key Benefits For Stakeholders:

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the chip antenna market analysis from 2021 to 2031 to identify the prevailing chip antenna market opportunity.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the chip antenna market outlook assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global chip antenna industry trends, key players, market segments, application areas, chip antenna market forecast and market growth strategies.

Reasons to Buy This Chip Antenna Market Report:

- Procure strategically important competitor information, analysis, and insights to formulate effective R&D strategies.
- Recognize emerging players with potentially strong product portfolio and create effective counter-strategies to gain competitive advantage.
- Classify potential new clients or partners in the target demographic.
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