

# Chip Antenna - Global Market Outlook (2017-2023)

<https://marketpublishers.com/r/C65D1BEA764EN.html>

Date: November 2017

Pages: 166

Price: US\$ 4,150.00 (Single User License)

ID: C65D1BEA764EN

## Abstracts

According to Statistics MRC, the Chip Antenna Market is estimated at \$1.33 billion in 2016 and is expected to reach \$3.28 billion by 2023 growing at a CAGR of 13.7% from 2016 to 2023. Demand for antennas in the industrial sector, low cost of chip antennas when Compared to usual antennas and increasing use of wireless technology for machine to machine communication in modern industries are some of the factors fueling the market growth. In addition, growing trend of miniaturization in consumer electronics is anticipated to fuel the growth of the chip antenna market worldwide. However, high initial development cost of ceramic chip antenna and inconsistent performance efficiency are some factors which are restricting the market growth.

A chip antenna is a compact antenna which is used for transmission and reception of radio frequency signals in wireless applications such as Bluetooth, WLAN/Wi-Fi and GPS/GNSS. Some of the advantages of using this antennas include small size and variety of configurations, independent nature of components, flexible tuning & can be custom designed, and this antennas are less affected by environmental or human operators.

Among end users, smart home/smart grid segment is leading the market. The increasing demand for smart home automated devices across the globe is expected to boost the market. Low Temperature Cofired Ceramic (LTCC) based chip antenna systems has acquired significant growth as they are very small in size and also very low cost compared to other dielectric chip antennas. Asia Pacific commanded the largest share in the market during the forecast period. The Growth is due to rising demand for automobiles and consumer electronics in this region.

Some of the key players in global Chip Antenna market include Antenova M2m, Partron Co., Ltd., Fractus Antenna S.L., Mitsubishi Materials Corporation, Yageo Corporation, Johanson Technology, Inc., Vishay Intertechnology, Inc, Inpaq Technology Co., Ltd,

Pulse Electronics, Fractus S.A., Linx Technologies, Taoglas, Microgate, Sunlord and Rainsun.

#### End-Users Covered:

Automotive

Industrial & Retail

Consumer Electronics

Healthcare

Smart Home / Smart Grid

Transportation

Banking, Financial services and Insurance

Manufacturing

Other End Users

#### Applications Covered:

Dual Band / Multi-Band

Wlan/Wifi

GPS / GNSS

Bluetooth /BLE

#### Product Types Covered:

Dielectric Chip Antenna

## Ceramic Multilayer Chip Antennas

LTCC

### Regions Covered:

#### North America

US

Canada

Mexico

#### Europe

Germany

UK

Italy

France

Spain

Rest of Europe

#### Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 End User Analysis
- 3.7 Application Analysis
- 3.8 Product Analysis
- 3.9 Emerging Markets
- 3.10 Futuristic Market Scenario

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL CHIP ANTENNA MARKET, BY END-USER**

- 5.1 Introduction
- 5.2 Automotive
- 5.3 Industrial & Retail
- 5.4 Consumer Electronics
- 5.5 Healthcare
- 5.6 Smart Home / Smart Grid
- 5.7 Transportation
- 5.8 Banking, Financial services and Insurance
- 5.9 Manufacturing
- 5.10 Other End Users

## **6 GLOBAL CHIP ANTENNA MARKET, BY APPLICATION**

- 6.1 Introduction
- 6.2 Dual Band / Multi-Band
- 6.3 Wlan/Wifi
- 6.4 GPS / GNSS
- 6.5 Bluetooth /BLE

## **7 GLOBAL CHIP ANTENNA MARKET, BY PRODUCT TYPE**

- 7.1 Introduction
- 7.2 Dielectric Chip Antenna
- 7.3 Ceramic Multilayer Chip Antennas
- 7.4 LTCC

## **8 GLOBAL CHIP ANTENNA MARKET, BY GEOGRAPHY**

- 8.1 Introduction
- 8.2 North America
  - 8.2.1 US
  - 8.2.2 Canada
  - 8.2.3 Mexico
- 8.3 Europe
  - 8.3.1 Germany
  - 8.3.2 UK

- 8.3.3 Italy
- 8.3.4 France
- 8.3.5 Spain
- 8.3.6 Rest of Europe
- 8.4 Asia Pacific
  - 8.4.1 Japan
  - 8.4.2 China
  - 8.4.3 India
  - 8.4.4 Australia
  - 8.4.5 New Zealand
  - 8.4.6 South Korea
  - 8.4.7 Rest of Asia Pacific
- 8.5 South America
  - 8.5.1 Argentina
  - 8.5.2 Brazil
  - 8.5.3 Chile
  - 8.5.4 Rest of South America
- 8.6 Middle East & Africa
  - 8.6.1 Saudi Arabia
  - 8.6.2 UAE
  - 8.6.3 Qatar
  - 8.6.4 South Africa
  - 8.6.5 Rest of Middle East & Africa

## **9 KEY DEVELOPMENTS**

- 9.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 9.2 Acquisitions & Mergers
- 9.3 New Product Launch
- 9.4 Expansions
- 9.5 Other Key Strategies

## **10 COMPANY PROFILING**

- 10.1 Antenova M2m
- 10.2 Partron Co., Ltd.
- 10.3 Fractus Antenna S.L.
- 10.4 Mitsubishi Materials Corporation
- 10.5 Yageo Corporation



- 10.6 Johanson Technology, Inc.
- 10.7 Vishay Intertechnology, Inc.
- 10.8 Inpaq Technology Co., Ltd.
- 10.9 Pulse Electronics
- 10.10 Fractus S.A.
- 10.11 Linx Technologies
- 10.12 Taoglas
- 10.13 Microgate
- 10.14 Sunlord
- 10.15 Rainsun

## List Of Tables

### LIST OF TABLES

Table 1 Global Chip Antenna Market Outlook, By Region (2014-2023) (US \$MN)

Table 2 Global Chip Antenna Market Outlook, By End User (2014-2023) (US \$MN)

Table 3 Global Chip Antenna Market Outlook, By Automotive (2014-2023) (US \$MN)

Table 4 Global Chip Antenna Market Outlook, By Industrial & Retail (2014-2023) (US \$MN)

Table 5 Global Chip Antenna Market Outlook, By Consumer Electronics (2014-2023) (US \$MN)

Table 6 Global Chip Antenna Market Outlook, By Healthcare (2014-2023) (US \$MN)

Table 7 Global Chip Antenna Market Outlook, By Smart Home / Smart Grid (2014-2023) (US \$MN)

Table 8 Global Chip Antenna Market Outlook, By Transportation (2014-2023) (US \$MN)

Table 9 Global Chip Antenna Market Outlook, By Banking, Financial services and Insurance (2014-2023) (US \$MN)

Table 10 Global Chip Antenna Market Outlook, By Manufacturing (2014-2023) (US \$MN)

Table 11 Global Chip Antenna Market Outlook, By Other End Users (2014-2023) (US \$MN)

Table 12 Global Chip Antenna Market Outlook, By Application (2014-2023) (US \$MN)

Table 13 Global Chip Antenna Market Outlook, By Dual Band / Multi-Band (2014-2023) (US \$MN)

Table 14 Global Chip Antenna Market Outlook, By Wlan/Wifi (2014-2023) (US \$MN)

Table 15 Global Chip Antenna Market Outlook, By GPS / GNSS (2014-2023) (US \$MN)

Table 16 Global Chip Antenna Market Outlook, By Bluetooth /BLE (2014-2023) (US \$MN)

Table 17 Global Chip Antenna Market Outlook, By Product Type (2014-2023) (US \$MN)

Table 18 Global Chip Antenna Market Outlook, By Dielectric Chip Antenna (2014-2023) (US \$MN)

Table 19 Global Chip Antenna Market Outlook, By Ceramic Multilayer Chip Antennas (2014-2023) (US \$MN)

Table 20 Global Chip Antenna Market Outlook, By LTCC (2014-2023) (US \$MN)

Table 21 North America Chip Antenna Market Outlook, By Country (2014-2023) (US \$MN)

Table 22 North America Chip Antenna Market Outlook, By End User (2014-2023) (US \$MN)

Table 23 North America Chip Antenna Market Outlook, By Automotive (2014-2023) (US \$MN)

\$MN)

Table 24 North America Chip Antenna Market Outlook, By Industrial & Retail (2014-2023) (US \$MN)

Table 25 North America Chip Antenna Market Outlook, By Consumer Electronics (2014-2023) (US \$MN)

Table 26 North America Chip Antenna Market Outlook, By Healthcare (2014-2023) (US \$MN)

Table 27 North America Chip Antenna Market Outlook, By Smart Home / Smart Grid (2014-2023) (US \$MN)

Table 28 North America Chip Antenna Market Outlook, By Transportation (2014-2023) (US \$MN)

Table 29 North America Chip Antenna Market Outlook, By Banking, Financial services and Insurance (2014-2023) (US \$MN)

Table 30 North America Chip Antenna Market Outlook, By Manufacturing (2014-2023) (US \$MN)

Table 31 North America Chip Antenna Market Outlook, By Other End Users (2014-2023) (US \$MN)

Table 32 North America Chip Antenna Market Outlook, By Application (2014-2023) (US \$MN)

Table 33 North America Chip Antenna Market Outlook, By Dual Band / Multi-Band (2014-2023) (US \$MN)

Table 34 North America Chip Antenna Market Outlook, By Wlan/Wifi (2014-2023) (US \$MN)

Table 35 North America Chip Antenna Market Outlook, By GPS / GNSS (2014-2023) (US \$MN)

Table 36 North America Chip Antenna Market Outlook, By Bluetooth /BLE (2014-2023) (US \$MN)

Table 37 North America Chip Antenna Market Outlook, By Product Type (2014-2023) (US \$MN)

Table 38 North America Chip Antenna Market Outlook, By Dielectric Chip Antenna (2014-2023) (US \$MN)

Table 39 North America Chip Antenna Market Outlook, By Ceramic Multilayer Chip Antennas (2014-2023) (US \$MN)

Table 40 North America Chip Antenna Market Outlook, By LTCC (2014-2023) (US \$MN)

Table 41 Europe Chip Antenna Market Outlook, By Country (2014-2023) (US \$MN)

Table 42 Europe Chip Antenna Market Outlook, By End User (2014-2023) (US \$MN)

Table 43 Europe Chip Antenna Market Outlook, By Automotive (2014-2023) (US \$MN)

Table 44 Europe Chip Antenna Market Outlook, By Industrial & Retail (2014-2023) (US

\$MN)

Table 45 Europe Chip Antenna Market Outlook, By Consumer Electronics (2014-2023) (US \$MN)

Table 46 Europe Chip Antenna Market Outlook, By Healthcare (2014-2023) (US \$MN)

Table 47 Europe Chip Antenna Market Outlook, By Smart Home / Smart Grid (2014-2023) (US \$MN)

Table 48 Europe Chip Antenna Market Outlook, By Transportation (2014-2023) (US \$MN)

Table 49 Europe Chip Antenna Market Outlook, By Banking, Financial services and Insurance (2014-2023) (US \$MN)

Table 50 Europe Chip Antenna Market Outlook, By Manufacturing (2014-2023) (US \$MN)

Table 51 Europe Chip Antenna Market Outlook, By Other End Users (2014-2023) (US \$MN)

Table 52 Europe Chip Antenna Market Outlook, By Application (2014-2023) (US \$MN)

Table 53 Europe Chip Antenna Market Outlook, By Dual Band / Multi-Band (2014-2023) (US \$MN)

Table 54 Europe Chip Antenna Market Outlook, By Wlan/Wifi (2014-2023) (US \$MN)

Table 55 Europe Chip Antenna Market Outlook, By GPS / GNSS (2014-2023) (US \$MN)

Table 56 Europe Chip Antenna Market Outlook, By Bluetooth /BLE (2014-2023) (US \$MN)

Table 57 Europe Chip Antenna Market Outlook, By Product Type (2014-2023) (US \$MN)

Table 58 Europe Chip Antenna Market Outlook, By Dielectric Chip Antenna (2014-2023) (US \$MN)

Table 59 Europe Chip Antenna Market Outlook, By Ceramic Multilayer Chip Antennas (2014-2023) (US \$MN)

Table 60 Europe Chip Antenna Market Outlook, By LTCC (2014-2023) (US \$MN)

Table 61 Asia Pacific Chip Antenna Market Outlook, By Country (2014-2023) (US \$MN)

Table 62 Asia Pacific Chip Antenna Market Outlook, By End User (2014-2023) (US \$MN)

Table 63 Asia Pacific Chip Antenna Market Outlook, By Automotive (2014-2023) (US \$MN)

Table 64 Asia Pacific Chip Antenna Market Outlook, By Industrial & Retail (2014-2023) (US \$MN)

Table 65 Asia Pacific Chip Antenna Market Outlook, By Consumer Electronics (2014-2023) (US \$MN)

Table 66 Asia Pacific Chip Antenna Market Outlook, By Healthcare (2014-2023) (US

\$MN)

Table 67 Asia Pacific Chip Antenna Market Outlook, By Smart Home / Smart Grid (2014-2023) (US \$MN)

Table 68 Asia Pacific Chip Antenna Market Outlook, By Transportation (2014-2023) (US \$MN)

Table 69 Asia Pacific Chip Antenna Market Outlook, By Banking, Financial services and Insurance (2014-2023) (US \$MN)

Table 70 Asia Pacific Chip Antenna Market Outlook, By Manufacturing (2014-2023) (US \$MN)

Table 71 Asia Pacific Chip Antenna Market Outlook, By Other End Users (2014-2023) (US \$MN)

Table 72 Asia Pacific Chip Antenna Market Outlook, By Application (2014-2023) (US \$MN)

Table 73 Asia Pacific Chip Antenna Market Outlook, By Dual Band / Multi-Band (2014-2023) (US \$MN)

Table 74 Asia Pacific Chip Antenna Market Outlook, By Wlan/Wifi (2014-2023) (US \$MN)

Table 75 Asia Pacific Chip Antenna Market Outlook, By GPS / GNSS (2014-2023) (US \$MN)

Table 76 Asia Pacific Chip Antenna Market Outlook, By Bluetooth /BLE (2014-2023) (US \$MN)

Table 77 Asia Pacific Chip Antenna Market Outlook, By Product Type (2014-2023) (US \$MN)

Table 78 Asia Pacific Chip Antenna Market Outlook, By Dielectric Chip Antenna (2014-2023) (US \$MN)

Table 79 Asia Pacific Chip Antenna Market Outlook, By Ceramic Multilayer Chip Antennas (2014-2023) (US \$MN)

Table 80 Asia Pacific Chip Antenna Market Outlook, By LTCC (2014-2023) (US \$MN)

Table 81 South America Chip Antenna Market Outlook, By Country (2014-2023) (US \$MN)

Table 82 South America Chip Antenna Market Outlook, By End User (2014-2023) (US \$MN)

Table 83 South America Chip Antenna Market Outlook, By Automotive (2014-2023) (US \$MN)

Table 84 South America Chip Antenna Market Outlook, By Industrial & Retail (2014-2023) (US \$MN)

Table 85 South America Chip Antenna Market Outlook, By Consumer Electronics (2014-2023) (US \$MN)

Table 86 South America Chip Antenna Market Outlook, By Healthcare (2014-2023) (US

\$MN)

Table 87 South America Chip Antenna Market Outlook, By Smart Home / Smart Grid (2014-2023) (US \$MN)

Table 88 South America Chip Antenna Market Outlook, By Transportation (2014-2023) (US \$MN)

Table 89 South America Chip Antenna Market Outlook, By Banking, Financial services and Insurance (2014-2023) (US \$MN)

Table 90 South America Chip Antenna Market Outlook, By Manufacturing (2014-2023) (US \$MN)

Table 91 South America Chip Antenna Market Outlook, By Other End Users (2014-2023) (US \$MN)

Table 92 South America Chip Antenna Market Outlook, By Application (2014-2023) (US \$MN)

Table 93 South America Chip Antenna Market Outlook, By Dual Band / Multi-Band (2014-2023) (US \$MN)

Table 94 South America Chip Antenna Market Outlook, By Wlan/Wifi (2014-2023) (US \$MN)

Table 95 South America Chip Antenna Market Outlook, By GPS / GNSS (2014-2023) (US \$MN)

Table 96 South America Chip Antenna Market Outlook, By Bluetooth /BLE (2014-2023) (US \$MN)

Table 97 South America Chip Antenna Market Outlook, By Product Type (2014-2023) (US \$MN)

Table 98 South America Chip Antenna Market Outlook, By Dielectric Chip Antenna (2014-2023) (US \$MN)

Table 99 South America Chip Antenna Market Outlook, By Ceramic Multilayer Chip Antennas (2014-2023) (US \$MN)

Table 100 South America Chip Antenna Market Outlook, By LTCC (2014-2023) (US \$MN)

Table 101 Middle East & Africa Chip Antenna Market Outlook, By Country (2014-2023) (US \$MN)

Table 102 Middle East & Africa Chip Antenna Market Outlook, By End User (2014-2023) (US \$MN)

Table 103 Middle East & Africa Chip Antenna Market Outlook, By Automotive (2014-2023) (US \$MN)

Table 104 Middle East & Africa Chip Antenna Market Outlook, By Industrial & Retail (2014-2023) (US \$MN)

Table 105 Middle East & Africa Chip Antenna Market Outlook, By Consumer Electronics (2014-2023) (US \$MN)

Table 106 Middle East & Africa Chip Antenna Market Outlook, By Healthcare  
(2014-2023) (US \$MN)

Table 107 Middle East & Africa Chip Antenna Market Outlook, By Smart Home / Smart  
Grid (2014-2023) (US \$MN)

Table 108 Middle East & Africa Chip Antenna Market Outlook, By Transportation  
(2014-2023) (US \$MN)

Table 109 Middle East & Africa Chip Antenna Market Outlook, By Banking, Financial  
services and Insurance (2014-2023) (US \$MN)

Table 110 Middle East & Africa Chip Antenna Market Outlook, By Manufacturing  
(2014-2023) (US \$MN)

Table 111 Middle East & Africa Chip Antenna Market Outlook, By Other End Users  
(2014-2023) (US \$MN)

Table 112 Middle East & Africa Chip Antenna Market Outlook, By Application  
(2014-2023) (US \$MN)

Table 113 Middle East & Africa Chip Antenna Market Outlook, By Dual Band / Multi-  
Band (2014-2023) (US \$MN)

Table 114 Middle East & Africa Chip Antenna Market Outlook, By Wlan/Wifi  
(2014-2023) (US \$MN)

Table 115 Middle East & Africa Chip Antenna Market Outlook, By GPS / GNSS  
(2014-2023) (US \$MN)

Table 116 Middle East & Africa Chip Antenna Market Outlook, By Bluetooth /BLE  
(2014-2023) (US \$MN)

Table 117 Middle East & Africa Chip Antenna Market Outlook, By Product Type  
(2014-2023) (US \$MN)

## I would like to order

Product name: Chip Antenna - Global Market Outlook (2017-2023)

Product link: <https://marketpublishers.com/r/C65D1BEA764EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C65D1BEA764EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970