

Global Bluetooth Low Energy (BLE) IC Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G74FD7BBAD27EN.html>

Date: May 2024

Pages: 107

Price: US\$ 3,480.00 (Single User License)

ID: G74FD7BBAD27EN

Abstracts

According to our (Global Info Research) latest study, the global Bluetooth Low Energy (BLE) IC market size was valued at USD 756.3 million in 2023 and is forecast to a readjusted size of USD 946.3 million by 2030 with a CAGR of 3.3% during review period.

Bluetooth Low Energy (Bluetooth LE, colloquially BLE, formerly marketed as Bluetooth Smart) is a wireless personal area network technology designed and marketed by the Bluetooth Special Interest Group (Bluetooth SIG) aimed at novel applications in the healthcare, fitness, beacons, security, and home entertainment industries.

The global market for semiconductor was estimated at US\$ 579 billion in the year 2022, is projected to US\$ 790 billion by 2029, growing at a CAGR of 6% during the forecast period. Although some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.76%, Sensor with 16.31%, and Logic with 14.46% growth, Memory declined with 12.64% year over year. The microprocessor (MPU) and microcontroller (MCU) segments will experience stagnant growth due to weak shipments and investment in notebooks, computers, and standard desktops. In the current market scenario, the growing popularity of IoT-based electronics is stimulating the need for powerful processors and controllers. Hybrid MPUs and MCUs provide real-time embedded processing and control for the topmost IoT-based applications, resulting in significant market growth. The Analog IC segment is expected to grow gradually, while demand from the networking and communications industries is limited. Few of the emerging trends in the growing demand for Analog integrated circuits include signal conversion, automotive-specific Analog applications, and power management. They drive the growing demand for discrete power devices.

The Global Info Research report includes an overview of the development of the Bluetooth Low Energy (BLE) IC industry chain, the market status of Healthcare (Bluetooth 4.0, Bluetooth 4.x), Beacons (Bluetooth 4.0, Bluetooth 4.x), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Bluetooth Low Energy (BLE) IC.

Regionally, the report analyzes the Bluetooth Low Energy (BLE) IC markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Bluetooth Low Energy (BLE) IC market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Bluetooth Low Energy (BLE) IC market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Bluetooth Low Energy (BLE) IC industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Bluetooth 4.0, Bluetooth 4.x).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Bluetooth Low Energy (BLE) IC market.

Regional Analysis: The report involves examining the Bluetooth Low Energy (BLE) IC market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Bluetooth Low Energy (BLE) IC market. This may

include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Bluetooth Low Energy (BLE) IC:

Company Analysis: Report covers individual Bluetooth Low Energy (BLE) IC manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Bluetooth Low Energy (BLE) IC. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Healthcare, Beacons).

Technology Analysis: Report covers specific technologies relevant to Bluetooth Low Energy (BLE) IC. It assesses the current state, advancements, and potential future developments in Bluetooth Low Energy (BLE) IC areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Bluetooth Low Energy (BLE) IC market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Bluetooth Low Energy (BLE) IC market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Bluetooth 4.0

Bluetooth 4.x

Bluetooth 5.x

Market segment by Application

Healthcare

Beacons

Smart Home

Automotive

Others

Major players covered

Nordic

TI

Dialog

Cypress

Silabs

Microchip

Toshiba

STMicroelectronics

NXP

Realtek

AKM

Renesas

Telink

LAPIS Semiconductor

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Bluetooth Low Energy (BLE) IC product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Bluetooth Low Energy (BLE) IC, with price, sales, revenue and global market share of Bluetooth Low Energy (BLE) IC from 2019 to 2024.

Chapter 3, the Bluetooth Low Energy (BLE) IC competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Bluetooth Low Energy (BLE) IC breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Bluetooth Low Energy (BLE) IC market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Bluetooth Low Energy (BLE) IC.

Chapter 14 and 15, to describe Bluetooth Low Energy (BLE) IC sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Bluetooth Low Energy (BLE) IC
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Bluetooth Low Energy (BLE) IC Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Bluetooth 4.0
 - 1.3.3 Bluetooth 4.x
 - 1.3.4 Bluetooth 5.x
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Bluetooth Low Energy (BLE) IC Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Healthcare
 - 1.4.3 Beacons
 - 1.4.4 Smart Home
 - 1.4.5 Automotive
 - 1.4.6 Others
- 1.5 Global Bluetooth Low Energy (BLE) IC Market Size & Forecast
 - 1.5.1 Global Bluetooth Low Energy (BLE) IC Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Bluetooth Low Energy (BLE) IC Sales Quantity (2019-2030)
 - 1.5.3 Global Bluetooth Low Energy (BLE) IC Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Nordic
 - 2.1.1 Nordic Details
 - 2.1.2 Nordic Major Business
 - 2.1.3 Nordic Bluetooth Low Energy (BLE) IC Product and Services
 - 2.1.4 Nordic Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Nordic Recent Developments/Updates
- 2.2 TI
 - 2.2.1 TI Details
 - 2.2.2 TI Major Business
 - 2.2.3 TI Bluetooth Low Energy (BLE) IC Product and Services

2.2.4 TI Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 TI Recent Developments/Updates

2.3 Dialog

2.3.1 Dialog Details

2.3.2 Dialog Major Business

2.3.3 Dialog Bluetooth Low Energy (BLE) IC Product and Services

2.3.4 Dialog Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Dialog Recent Developments/Updates

2.4 Cypress

2.4.1 Cypress Details

2.4.2 Cypress Major Business

2.4.3 Cypress Bluetooth Low Energy (BLE) IC Product and Services

2.4.4 Cypress Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Cypress Recent Developments/Updates

2.5 Silabs

2.5.1 Silabs Details

2.5.2 Silabs Major Business

2.5.3 Silabs Bluetooth Low Energy (BLE) IC Product and Services

2.5.4 Silabs Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Silabs Recent Developments/Updates

2.6 Microchip

2.6.1 Microchip Details

2.6.2 Microchip Major Business

2.6.3 Microchip Bluetooth Low Energy (BLE) IC Product and Services

2.6.4 Microchip Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Microchip Recent Developments/Updates

2.7 Toshiba

2.7.1 Toshiba Details

2.7.2 Toshiba Major Business

2.7.3 Toshiba Bluetooth Low Energy (BLE) IC Product and Services

2.7.4 Toshiba Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Toshiba Recent Developments/Updates

2.8 STMicroelectronics

- 2.8.1 STMicroelectronics Details
- 2.8.2 STMicroelectronics Major Business
- 2.8.3 STMicroelectronics Bluetooth Low Energy (BLE) IC Product and Services
- 2.8.4 STMicroelectronics Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 STMicroelectronics Recent Developments/Updates
- 2.9 NXP
 - 2.9.1 NXP Details
 - 2.9.2 NXP Major Business
 - 2.9.3 NXP Bluetooth Low Energy (BLE) IC Product and Services
 - 2.9.4 NXP Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 NXP Recent Developments/Updates
- 2.10 Realtek
 - 2.10.1 Realtek Details
 - 2.10.2 Realtek Major Business
 - 2.10.3 Realtek Bluetooth Low Energy (BLE) IC Product and Services
 - 2.10.4 Realtek Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Realtek Recent Developments/Updates
- 2.11 AKM
 - 2.11.1 AKM Details
 - 2.11.2 AKM Major Business
 - 2.11.3 AKM Bluetooth Low Energy (BLE) IC Product and Services
 - 2.11.4 AKM Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 AKM Recent Developments/Updates
- 2.12 Renesas
 - 2.12.1 Renesas Details
 - 2.12.2 Renesas Major Business
 - 2.12.3 Renesas Bluetooth Low Energy (BLE) IC Product and Services
 - 2.12.4 Renesas Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.12.5 Renesas Recent Developments/Updates
- 2.13 Telink
 - 2.13.1 Telink Details
 - 2.13.2 Telink Major Business
 - 2.13.3 Telink Bluetooth Low Energy (BLE) IC Product and Services
 - 2.13.4 Telink Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

2.13.5 Telink Recent Developments/Updates

2.14 LAPIS Semiconductor

2.14.1 LAPIS Semiconductor Details

2.14.2 LAPIS Semiconductor Major Business

2.14.3 LAPIS Semiconductor Bluetooth Low Energy (BLE) IC Product and Services

2.14.4 LAPIS Semiconductor Bluetooth Low Energy (BLE) IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.14.5 LAPIS Semiconductor Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: BLUETOOTH LOW ENERGY (BLE) IC BY MANUFACTURER

3.1 Global Bluetooth Low Energy (BLE) IC Sales Quantity by Manufacturer (2019-2024)

3.2 Global Bluetooth Low Energy (BLE) IC Revenue by Manufacturer (2019-2024)

3.3 Global Bluetooth Low Energy (BLE) IC Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Bluetooth Low Energy (BLE) IC by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Bluetooth Low Energy (BLE) IC Manufacturer Market Share in 2023

3.4.2 Top 6 Bluetooth Low Energy (BLE) IC Manufacturer Market Share in 2023

3.5 Bluetooth Low Energy (BLE) IC Market: Overall Company Footprint Analysis

3.5.1 Bluetooth Low Energy (BLE) IC Market: Region Footprint

3.5.2 Bluetooth Low Energy (BLE) IC Market: Company Product Type Footprint

3.5.3 Bluetooth Low Energy (BLE) IC Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Bluetooth Low Energy (BLE) IC Market Size by Region

4.1.1 Global Bluetooth Low Energy (BLE) IC Sales Quantity by Region (2019-2030)

4.1.2 Global Bluetooth Low Energy (BLE) IC Consumption Value by Region (2019-2030)

4.1.3 Global Bluetooth Low Energy (BLE) IC Average Price by Region (2019-2030)

4.2 North America Bluetooth Low Energy (BLE) IC Consumption Value (2019-2030)

4.3 Europe Bluetooth Low Energy (BLE) IC Consumption Value (2019-2030)

4.4 Asia-Pacific Bluetooth Low Energy (BLE) IC Consumption Value (2019-2030)

4.5 South America Bluetooth Low Energy (BLE) IC Consumption Value (2019-2030)

4.6 Middle East and Africa Bluetooth Low Energy (BLE) IC Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Bluetooth Low Energy (BLE) IC Sales Quantity by Type (2019-2030)

5.2 Global Bluetooth Low Energy (BLE) IC Consumption Value by Type (2019-2030)

5.3 Global Bluetooth Low Energy (BLE) IC Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Bluetooth Low Energy (BLE) IC Sales Quantity by Application (2019-2030)

6.2 Global Bluetooth Low Energy (BLE) IC Consumption Value by Application (2019-2030)

6.3 Global Bluetooth Low Energy (BLE) IC Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Bluetooth Low Energy (BLE) IC Sales Quantity by Type (2019-2030)

7.2 North America Bluetooth Low Energy (BLE) IC Sales Quantity by Application (2019-2030)

7.3 North America Bluetooth Low Energy (BLE) IC Market Size by Country

7.3.1 North America Bluetooth Low Energy (BLE) IC Sales Quantity by Country (2019-2030)

7.3.2 North America Bluetooth Low Energy (BLE) IC Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Bluetooth Low Energy (BLE) IC Sales Quantity by Type (2019-2030)

8.2 Europe Bluetooth Low Energy (BLE) IC Sales Quantity by Application (2019-2030)

8.3 Europe Bluetooth Low Energy (BLE) IC Market Size by Country

8.3.1 Europe Bluetooth Low Energy (BLE) IC Sales Quantity by Country (2019-2030)

8.3.2 Europe Bluetooth Low Energy (BLE) IC Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

- 8.3.4 France Market Size and Forecast (2019-2030)
- 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
- 8.3.6 Russia Market Size and Forecast (2019-2030)
- 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Bluetooth Low Energy (BLE) IC Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Bluetooth Low Energy (BLE) IC Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Bluetooth Low Energy (BLE) IC Market Size by Region
 - 9.3.1 Asia-Pacific Bluetooth Low Energy (BLE) IC Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific Bluetooth Low Energy (BLE) IC Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America Bluetooth Low Energy (BLE) IC Sales Quantity by Type (2019-2030)
- 10.2 South America Bluetooth Low Energy (BLE) IC Sales Quantity by Application (2019-2030)
- 10.3 South America Bluetooth Low Energy (BLE) IC Market Size by Country
 - 10.3.1 South America Bluetooth Low Energy (BLE) IC Sales Quantity by Country (2019-2030)
 - 10.3.2 South America Bluetooth Low Energy (BLE) IC Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Bluetooth Low Energy (BLE) IC Sales Quantity by Type

(2019-2030)

11.2 Middle East & Africa Bluetooth Low Energy (BLE) IC Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Bluetooth Low Energy (BLE) IC Market Size by Country

11.3.1 Middle East & Africa Bluetooth Low Energy (BLE) IC Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Bluetooth Low Energy (BLE) IC Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Bluetooth Low Energy (BLE) IC Market Drivers

12.2 Bluetooth Low Energy (BLE) IC Market Restraints

12.3 Bluetooth Low Energy (BLE) IC Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Bluetooth Low Energy (BLE) IC and Key Manufacturers

13.2 Manufacturing Costs Percentage of Bluetooth Low Energy (BLE) IC

13.3 Bluetooth Low Energy (BLE) IC Production Process

13.4 Bluetooth Low Energy (BLE) IC Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Bluetooth Low Energy (BLE) IC Typical Distributors

14.3 Bluetooth Low Energy (BLE) IC Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

I would like to order

Product name: Global Bluetooth Low Energy (BLE) IC Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G74FD7BBAD27EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G74FD7BBAD27EN.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

