

Global Bluetooth 5.4 LE Module Market Research Report 2026(Status and Outlook)

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Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Bluetooth 5.4 LE Module competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. The Bluetooth 5.4 low-energy module is a wireless communication module based on the Bluetooth 5.4 protocol, focusing on optimizing energy efficiency and extending battery life. It is suitable for wearable devices, smart home sensors, medical monitoring equipment, and low-power IoT terminals, ensuring stable connections while achieving extremely low energy consumption. Global Bluetooth 5.4 low-energy module sales are expected to reach approximately 72 million units in 2024, with an average unit price of approximately US\$3.3.

The global Bluetooth 5.4 LE Module market size was estimated at USD 238.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 8.70% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Bluetooth 5.4 LE Module market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Bluetooth 5.4 LE Module market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Bluetooth 5.4 LE Module market.

Global Bluetooth 5.4 LE Module Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Murata
Silicon Labs
Qualcomm
Panasonic
NXP
Infineon
Ezurio
Digi International
Quectel
MinewSemi
Feasycom

Market Segmentation (by Type)

Dual Band Module
Single Band Module

Market Segmentation (by Application)

Smart Home and Appliances
Consumer Electronics
Automotives
Medical
Industrial
Retail
Others

Geographic Segmentation

North America (USA, Canada, Mexico)
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the Bluetooth 5.4 LE Module Market
Overview of the regional outlook of the Bluetooth 5.4 LE Module Market:

Customization of the Report

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Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Bluetooth 5.4 LE Module Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Bluetooth 5.4 LE Module, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail,

including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

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Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Bluetooth 5.4 LE Module
- 1.2 Key Market Segments
 - 1.2.1 Bluetooth 5.4 LE Module Segment by Type
 - 1.2.2 Bluetooth 5.4 LE Module Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 BLUETOOTH 5.4 LE MODULE MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Bluetooth 5.4 LE Module Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global Bluetooth 5.4 LE Module Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 BLUETOOTH 5.4 LE MODULE MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Bluetooth 5.4 LE Module Product Life Cycle
- 3.3 Global Bluetooth 5.4 LE Module Sales by Manufacturers (2020-2025)
- 3.4 Global Bluetooth 5.4 LE Module Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Bluetooth 5.4 LE Module Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Bluetooth 5.4 LE Module Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Bluetooth 5.4 LE Module Market Competitive Situation and Trends
 - 3.8.1 Bluetooth 5.4 LE Module Market Concentration Rate
 - 3.8.2 Global 5 and 10 Largest Bluetooth 5.4 LE Module Players Market Share by Revenue
 - 3.8.3 Mergers & Acquisitions, Expansion

4 BLUETOOTH 5.4 LE MODULE INDUSTRY CHAIN ANALYSIS

- 4.1 Bluetooth 5.4 LE Module Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF BLUETOOTH 5.4 LE MODULE MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global Bluetooth 5.4 LE Module Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to Bluetooth 5.4 LE Module Market
- 5.7 ESG Ratings of Leading Companies

6 BLUETOOTH 5.4 LE MODULE MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Bluetooth 5.4 LE Module Sales Market Share by Type (2020-2025)
- 6.3 Global Bluetooth 5.4 LE Module Market Size by Type (2020-2025)
- 6.4 Global Bluetooth 5.4 LE Module Price by Type (2020-2025)

7 BLUETOOTH 5.4 LE MODULE MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Bluetooth 5.4 LE Module Market Sales by Application (2020-2025)
- 7.3 Global Bluetooth 5.4 LE Module Market Size (M USD) by Application (2020-2025)
- 7.4 Global Bluetooth 5.4 LE Module Sales Growth Rate by Application (2020-2025)

8 BLUETOOTH 5.4 LE MODULE MARKET SALES BY REGION

- 8.1 Global Bluetooth 5.4 LE Module Sales by Region
 - 8.1.1 Global Bluetooth 5.4 LE Module Sales by Region
 - 8.1.2 Global Bluetooth 5.4 LE Module Sales Market Share by Region
- 8.2 Global Bluetooth 5.4 LE Module Market Size by Region
 - 8.2.1 Global Bluetooth 5.4 LE Module Market Size by Region
 - 8.2.2 Global Bluetooth 5.4 LE Module Market Size by Region
- 8.3 North America
 - 8.3.1 North America Bluetooth 5.4 LE Module Sales by Country
 - 8.3.2 North America Bluetooth 5.4 LE Module Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Bluetooth 5.4 LE Module Sales by Country
 - 8.4.2 Europe Bluetooth 5.4 LE Module Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Bluetooth 5.4 LE Module Sales by Region
 - 8.5.2 Asia Pacific Bluetooth 5.4 LE Module Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America Bluetooth 5.4 LE Module Sales by Country
 - 8.6.2 South America Bluetooth 5.4 LE Module Market Size by Country
 - 8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Bluetooth 5.4 LE Module Sales by Region

8.7.2 Middle East and Africa Bluetooth 5.4 LE Module Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 BLUETOOTH 5.4 LE MODULE MARKET PRODUCTION BY REGION

9.1 Global Production of Bluetooth 5.4 LE Module by Region(2020-2025)

9.2 Global Bluetooth 5.4 LE Module Revenue Market Share by Region (2020-2025)

9.3 Global Bluetooth 5.4 LE Module Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Bluetooth 5.4 LE Module Production

9.4.1 North America Bluetooth 5.4 LE Module Production Growth Rate (2020-2025)

9.4.2 North America Bluetooth 5.4 LE Module Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Bluetooth 5.4 LE Module Production

9.5.1 Europe Bluetooth 5.4 LE Module Production Growth Rate (2020-2025)

9.5.2 Europe Bluetooth 5.4 LE Module Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Bluetooth 5.4 LE Module Production (2020-2025)

9.6.1 Japan Bluetooth 5.4 LE Module Production Growth Rate (2020-2025)

9.6.2 Japan Bluetooth 5.4 LE Module Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Bluetooth 5.4 LE Module Production (2020-2025)

9.7.1 China Bluetooth 5.4 LE Module Production Growth Rate (2020-2025)

9.7.2 China Bluetooth 5.4 LE Module Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Murata

10.1.1 Murata Basic Information

10.1.2 Murata Bluetooth 5.4 LE Module Product Overview

- 10.1.3 Murata Bluetooth 5.4 LE Module Product Market Performance
- 10.1.4 Murata Business Overview
- 10.1.5 Murata SWOT Analysis
- 10.1.6 Murata Recent Developments
- 10.2 Silicon Labs
 - 10.2.1 Silicon Labs Basic Information
 - 10.2.2 Silicon Labs Bluetooth 5.4 LE Module Product Overview
 - 10.2.3 Silicon Labs Bluetooth 5.4 LE Module Product Market Performance
 - 10.2.4 Silicon Labs Business Overview
 - 10.2.5 Silicon Labs SWOT Analysis
 - 10.2.6 Silicon Labs Recent Developments
- 10.3 Qualcomm
 - 10.3.1 Qualcomm Basic Information
 - 10.3.2 Qualcomm Bluetooth 5.4 LE Module Product Overview
 - 10.3.3 Qualcomm Bluetooth 5.4 LE Module Product Market Performance
 - 10.3.4 Qualcomm Business Overview
 - 10.3.5 Qualcomm SWOT Analysis
 - 10.3.6 Qualcomm Recent Developments
- 10.4 Panasonic
 - 10.4.1 Panasonic Basic Information
 - 10.4.2 Panasonic Bluetooth 5.4 LE Module Product Overview
 - 10.4.3 Panasonic Bluetooth 5.4 LE Module Product Market Performance
 - 10.4.4 Panasonic Business Overview
 - 10.4.5 Panasonic Recent Developments
- 10.5 NXP
 - 10.5.1 NXP Basic Information
 - 10.5.2 NXP Bluetooth 5.4 LE Module Product Overview
 - 10.5.3 NXP Bluetooth 5.4 LE Module Product Market Performance
 - 10.5.4 NXP Business Overview
 - 10.5.5 NXP Recent Developments
- 10.6 Infineon
 - 10.6.1 Infineon Basic Information
 - 10.6.2 Infineon Bluetooth 5.4 LE Module Product Overview
 - 10.6.3 Infineon Bluetooth 5.4 LE Module Product Market Performance
 - 10.6.4 Infineon Business Overview
 - 10.6.5 Infineon Recent Developments
- 10.7 Ezurio
 - 10.7.1 Ezurio Basic Information
 - 10.7.2 Ezurio Bluetooth 5.4 LE Module Product Overview

- 10.7.3 Ezurio Bluetooth 5.4 LE Module Product Market Performance
- 10.7.4 Ezurio Business Overview
- 10.7.5 Ezurio Recent Developments
- 10.8 Digi International
 - 10.8.1 Digi International Basic Information
 - 10.8.2 Digi International Bluetooth 5.4 LE Module Product Overview
 - 10.8.3 Digi International Bluetooth 5.4 LE Module Product Market Performance
 - 10.8.4 Digi International Business Overview
 - 10.8.5 Digi International Recent Developments
- 10.9 Quectel
 - 10.9.1 Quectel Basic Information
 - 10.9.2 Quectel Bluetooth 5.4 LE Module Product Overview
 - 10.9.3 Quectel Bluetooth 5.4 LE Module Product Market Performance
 - 10.9.4 Quectel Business Overview
 - 10.9.5 Quectel Recent Developments
- 10.10 MinewSemi
 - 10.10.1 MinewSemi Basic Information
 - 10.10.2 MinewSemi Bluetooth 5.4 LE Module Product Overview
 - 10.10.3 MinewSemi Bluetooth 5.4 LE Module Product Market Performance
 - 10.10.4 MinewSemi Business Overview
 - 10.10.5 MinewSemi Recent Developments
- 10.11 Feasycom
 - 10.11.1 Feasycom Basic Information
 - 10.11.2 Feasycom Bluetooth 5.4 LE Module Product Overview
 - 10.11.3 Feasycom Bluetooth 5.4 LE Module Product Market Performance
 - 10.11.4 Feasycom Business Overview
 - 10.11.5 Feasycom Recent Developments

11 BLUETOOTH 5.4 LE MODULE MARKET FORECAST BY REGION

- 11.1 Global Bluetooth 5.4 LE Module Market Size Forecast
- 11.2 Global Bluetooth 5.4 LE Module Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Bluetooth 5.4 LE Module Market Size Forecast by Country
 - 11.2.3 Asia Pacific Bluetooth 5.4 LE Module Market Size Forecast by Region
 - 11.2.4 South America Bluetooth 5.4 LE Module Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of Bluetooth 5.4 LE Module by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global Bluetooth 5.4 LE Module Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Bluetooth 5.4 LE Module by Type (2026-2035)

12.1.2 Global Bluetooth 5.4 LE Module Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Bluetooth 5.4 LE Module by Type (2026-2035)

12.2 Global Bluetooth 5.4 LE Module Market Forecast by Application (2026-2035)

12.2.1 Global Bluetooth 5.4 LE Module Sales (K Units) Forecast by Application

12.2.2 Global Bluetooth 5.4 LE Module Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Global Bluetooth 5.4 LE Module Market Size by Type (M USD)
- Table 4. Global Bluetooth 5.4 LE Module Market Size by Application
- Table 5. Bluetooth 5.4 LE Module Market Size Comparison by Region (M USD)
- Table 6. Global Bluetooth 5.4 LE Module Sales (K Units) by Manufacturers (2020-2025)
- Table 7. Global Bluetooth 5.4 LE Module Sales Market Share by Manufacturers (2020-2025)
- Table 8. Global Bluetooth 5.4 LE Module Revenue (M USD) by Manufacturers (2020-2025)
- Table 9. Global Bluetooth 5.4 LE Module Revenue Share by Manufacturers (2020-2025)
- Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Bluetooth 5.4 LE Module as of 2025)
- Table 11. Global Market Bluetooth 5.4 LE Module Average Price (USD/Unit) of Key Manufacturers (2020-2025)
- Table 12. Manufacturers? Manufacturing Sites, Areas Served
- Table 13. Manufacturers? Product Type
- Table 14. Global Bluetooth 5.4 LE Module Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15. Mergers & Acquisitions, Expansion Plans
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. Bluetooth 5.4 LE Module Market Challenges
- Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026
- Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
- Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
- Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 26. Global Bluetooth 5.4 LE Module Sales by Type (K Units)
- Table 27. Global Bluetooth 5.4 LE Module Market Size by Type (M USD)
- Table 28. Global Bluetooth 5.4 LE Module Sales (K Units) by Type (2020-2025)
- Table 29. Global Bluetooth 5.4 LE Module Sales Market Share by Type (2020-2025)

- Table 30. Global Bluetooth 5.4 LE Module Market Size (M USD) by Type (2020-2025)
- Table 31. Global Bluetooth 5.4 LE Module Market Share by Type (2020-2025)
- Table 32. Global Bluetooth 5.4 LE Module Price (USD/Unit) by Type (2020-2025)
- Table 33. Global Bluetooth 5.4 LE Module Sales (K Units) by Application
- Table 34. Global Bluetooth 5.4 LE Module Market Size by Application
- Table 35. Global Bluetooth 5.4 LE Module Sales by Application (2020-2025) & (K Units)
- Table 36. Global Bluetooth 5.4 LE Module Sales Market Share by Application (2020-2025)
- Table 37. Global Bluetooth 5.4 LE Module Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Bluetooth 5.4 LE Module Market Share by Application (2020-2025)
- Table 39. Global Bluetooth 5.4 LE Module Sales Growth Rate by Application (2020-2025)
- Table 40. Global Bluetooth 5.4 LE Module Sales by Region (2020-2025) & (K Units)
- Table 41. Global Bluetooth 5.4 LE Module Sales Market Share by Region (2020-2025)
- Table 42. Global Bluetooth 5.4 LE Module Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Bluetooth 5.4 LE Module Market Size by Region (2020-2025)
- Table 44. North America Bluetooth 5.4 LE Module Sales by Country (2020-2025) & (K Units)
- Table 45. North America Bluetooth 5.4 LE Module Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Bluetooth 5.4 LE Module Sales by Country (2020-2025) & (K Units)
- Table 47. Europe Bluetooth 5.4 LE Module Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Bluetooth 5.4 LE Module Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Bluetooth 5.4 LE Module Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Bluetooth 5.4 LE Module Sales by Country (2020-2025) & (K Units)
- Table 51. South America Bluetooth 5.4 LE Module Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa Bluetooth 5.4 LE Module Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa Bluetooth 5.4 LE Module Market Size by Region (2020-2025) & (M USD)
- Table 54. Global Bluetooth 5.4 LE Module Production (K Units) by Region(2020-2025)
- Table 55. Global Bluetooth 5.4 LE Module Revenue (US\$ Million) by Region

(2020-2025)

Table 56. Global Bluetooth 5.4 LE Module Revenue Market Share by Region

(2020-2025)

Table 57. Global Bluetooth 5.4 LE Module Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Bluetooth 5.4 LE Module Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Bluetooth 5.4 LE Module Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Bluetooth 5.4 LE Module Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Bluetooth 5.4 LE Module Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. Murata Basic Information

Table 63. Murata Bluetooth 5.4 LE Module Product Overview

Table 64. Murata Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Murata Business Overview

Table 66. Murata SWOT Analysis

Table 67. Murata Recent Developments

Table 68. Silicon Labs Basic Information

Table 69. Silicon Labs Bluetooth 5.4 LE Module Product Overview

Table 70. Silicon Labs Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Silicon Labs Business Overview

Table 72. Silicon Labs SWOT Analysis

Table 73. Silicon Labs Recent Developments

Table 74. Qualcomm Basic Information

Table 75. Qualcomm Bluetooth 5.4 LE Module Product Overview

Table 76. Qualcomm Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Qualcomm Business Overview

Table 78. Qualcomm SWOT Analysis

Table 79. Qualcomm Recent Developments

Table 80. Panasonic Basic Information

Table 81. Panasonic Bluetooth 5.4 LE Module Product Overview

Table 82. Panasonic Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. Panasonic Business Overview

- Table 84. Panasonic Recent Developments
- Table 85. NXP Basic Information
- Table 86. NXP Bluetooth 5.4 LE Module Product Overview
- Table 87. NXP Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 88. NXP Business Overview
- Table 89. NXP Recent Developments
- Table 90. Infineon Basic Information
- Table 91. Infineon Bluetooth 5.4 LE Module Product Overview
- Table 92. Infineon Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. Infineon Business Overview
- Table 94. Infineon Recent Developments
- Table 95. Ezurio Basic Information
- Table 96. Ezurio Bluetooth 5.4 LE Module Product Overview
- Table 97. Ezurio Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. Ezurio Business Overview
- Table 99. Ezurio Recent Developments
- Table 100. Digi International Basic Information
- Table 101. Digi International Bluetooth 5.4 LE Module Product Overview
- Table 102. Digi International Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. Digi International Business Overview
- Table 104. Digi International Recent Developments
- Table 105. Quectel Basic Information
- Table 106. Quectel Bluetooth 5.4 LE Module Product Overview
- Table 107. Quectel Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. Quectel Business Overview
- Table 109. Quectel Recent Developments
- Table 110. MinewSemi Basic Information
- Table 111. MinewSemi Bluetooth 5.4 LE Module Product Overview
- Table 112. MinewSemi Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. MinewSemi Business Overview
- Table 114. MinewSemi Recent Developments
- Table 115. Feasycom Basic Information
- Table 116. Feasycom Bluetooth 5.4 LE Module Product Overview

Table 117. Feasycom Bluetooth 5.4 LE Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 118. Feasycom Business Overview

Table 119. Feasycom Recent Developments

Table 120. Global Bluetooth 5.4 LE Module Sales Forecast by Region (2026-2035) & (K Units)

Table 121. Global Bluetooth 5.4 LE Module Market Size Forecast by Region (2026-2035) & (M USD)

Table 122. North America Bluetooth 5.4 LE Module Sales Forecast by Country (2026-2035) & (K Units)

Table 123. North America Bluetooth 5.4 LE Module Market Size Forecast by Country (2026-2035) & (M USD)

Table 124. Europe Bluetooth 5.4 LE Module Sales Forecast by Country (2026-2035) & (K Units)

Table 125. Europe Bluetooth 5.4 LE Module Market Size Forecast by Country (2026-2035) & (M USD)

Table 126. Asia Pacific Bluetooth 5.4 LE Module Sales Forecast by Region (2026-2035) & (K Units)

Table 127. Asia Pacific Bluetooth 5.4 LE Module Market Size Forecast by Region (2026-2035) & (M USD)

Table 128. South America Bluetooth 5.4 LE Module Sales Forecast by Country (2026-2035) & (K Units)

Table 129. South America Bluetooth 5.4 LE Module Market Size Forecast by Country (2026-2035) & (M USD)

Table 130. Middle East and Africa Bluetooth 5.4 LE Module Sales Forecast by Country (2026-2035) & (Units)

Table 131. Middle East and Africa Bluetooth 5.4 LE Module Market Size Forecast by Country (2026-2035) & (M USD)

Table 132. Global Bluetooth 5.4 LE Module Sales Forecast by Type (2026-2035) & (K Units)

Table 133. Global Bluetooth 5.4 LE Module Market Size Forecast by Type (2026-2035) & (M USD)

Table 134. Global Bluetooth 5.4 LE Module Price Forecast by Type (2026-2035) & (USD/Unit)

Table 135. Global Bluetooth 5.4 LE Module Sales (K Units) Forecast by Application (2026-2035)

Table 136. Global Bluetooth 5.4 LE Module Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Bluetooth 5.4 LE Module
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Bluetooth 5.4 LE Module Market Size (M USD), 2025-2035
- Figure 5. Global Bluetooth 5.4 LE Module Market Size (M USD) (2020-2035)
- Figure 6. Global Bluetooth 5.4 LE Module Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Bluetooth 5.4 LE Module Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Bluetooth 5.4 LE Module Product Life Cycle
- Figure 13. Bluetooth 5.4 LE Module Sales Share by Manufacturers in 2025
- Figure 14. Global Bluetooth 5.4 LE Module Revenue Share by Manufacturers in 2025
- Figure 15. Bluetooth 5.4 LE Module Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Bluetooth 5.4 LE Module Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Bluetooth 5.4 LE Module Revenue in 2025
- Figure 18. Industry Chain Map of Bluetooth 5.4 LE Module
- Figure 19. Global Bluetooth 5.4 LE Module Market PEST Analysis
- Figure 20. Global Bluetooth 5.4 LE Module Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Bluetooth 5.4 LE Module Market Share by Type
- Figure 27. Sales Market Share of Bluetooth 5.4 LE Module by Type (2020-2025)
- Figure 28. Sales Market Share of Bluetooth 5.4 LE Module by Type in 2025
- Figure 29. Market Share of Bluetooth 5.4 LE Module by Type (2020-2025)
- Figure 30. Market Share of Bluetooth 5.4 LE Module by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Bluetooth 5.4 LE Module Market Share by Application

Figure 33. Global Bluetooth 5.4 LE Module Sales Market Share by Application (2020-2025)

Figure 34. Global Bluetooth 5.4 LE Module Sales Market Share by Application in 2025

Figure 35. Global Bluetooth 5.4 LE Module Market Share by Application (2020-2025)

Figure 36. Global Bluetooth 5.4 LE Module Market Share by Application in 2025

Figure 37. Global Bluetooth 5.4 LE Module Sales Growth Rate by Application (2020-2025)

Figure 38. Global Bluetooth 5.4 LE Module Sales Market Share by Region (2020-2025)

Figure 39. Global Bluetooth 5.4 LE Module Market Size by Region (2020-2025)

Figure 40. North America Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Bluetooth 5.4 LE Module Sales Market Share by Country in 2024

Figure 43. North America Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Bluetooth 5.4 LE Module Market Size by Country in 2024

Figure 45. U.S. Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Bluetooth 5.4 LE Module Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Bluetooth 5.4 LE Module Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Bluetooth 5.4 LE Module Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Bluetooth 5.4 LE Module Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Bluetooth 5.4 LE Module Sales Market Share by Country in 2024

Figure 53. Europe Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Bluetooth 5.4 LE Module Market Size by Country in 2024

Figure 55. Germany Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Bluetooth 5.4 LE Module Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Bluetooth 5.4 LE Module Sales Market Share by Region in 2024

Figure 67. Asia Pacific Bluetooth 5.4 LE Module Market Size by Region in 2024

Figure 68. China Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Bluetooth 5.4 LE Module Sales and Growth Rate (K Units)

Figure 79. South America Bluetooth 5.4 LE Module Sales Market Share by Country in 2024

Figure 80. South America Bluetooth 5.4 LE Module Market Size and Growth Rate (M USD)

Figure 81. South America Bluetooth 5.4 LE Module Market Size by Country in 2024

Figure 82. Brazil Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Bluetooth 5.4 LE Module Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Bluetooth 5.4 LE Module Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Bluetooth 5.4 LE Module Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Bluetooth 5.4 LE Module Market Size by Region in 2024

Figure 92. Saudi Arabia Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K

Units)

Figure 99. Nigeria Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Bluetooth 5.4 LE Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Bluetooth 5.4 LE Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Bluetooth 5.4 LE Module Production Market Share by Region (2020-2025)

Figure 103. North America Bluetooth 5.4 LE Module Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Bluetooth 5.4 LE Module Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Bluetooth 5.4 LE Module Production (K Units) Growth Rate (2020-2025)

Figure 106. China Bluetooth 5.4 LE Module Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Bluetooth 5.4 LE Module Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Bluetooth 5.4 LE Module Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Bluetooth 5.4 LE Module Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Bluetooth 5.4 LE Module Market Share Forecast by Type (2026-2035)

Figure 111. Global Bluetooth 5.4 LE Module Sales Forecast by Application (2026-2035)

Figure 112. Global Bluetooth 5.4 LE Module Market Share Forecast by Application (2026-2035)

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