

Global 802.15.4 Chipset Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global 802.15.4 Chipset market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

This report is a detailed and comprehensive analysis for global 802.15.4 Chipset market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global 802.15.4 Chipset market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global 802.15.4 Chipset market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global 802.15.4 Chipset market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global 802.15.4 Chipset market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for 802.15.4 Chipset

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global 802.15.4 Chipset market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ON Semiconductor Corporation, STMicroelectronics NV, NXP Semiconductors NV, Panasonic Corporation, Qualcomm Inc., Qorvo Inc., Marvell International Ltd, Nordic Semiconductor ASA, Microchip Technology Inc., Silicon Laboratories Inc., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

802.15.4 Chipset market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single-protocol/Standalone Chipsets

Multi-protocol Chipsets

Market segment by Application

Smart Home

Industrial Automation

Smart Meeting

Smart City (Outdoor Lighting, City Network Connectivity, etc.)

Others

Major players covered

ON Semiconductor Corporation

STMicroelectronics NV

NXP Semiconductors NV

Panasonic Corporation

Qualcomm Inc.

Qorvo Inc.

Marvell International Ltd

Nordic Semiconductor ASA

Microchip Technology Inc.

Silicon Laboratories Inc.

Texas Instruments Inc.

Digi International Inc.

Analog Devices, Inc.

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 802.15.4 Chipset product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 802.15.4 Chipset, with price, sales quantity, revenue, and global market share of 802.15.4 Chipset from 2020 to 2025.

Chapter 3, the 802.15.4 Chipset competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 802.15.4 Chipset breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020

to 2025.and 802.15.4 Chipset market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 802.15.4 Chipset.

Chapter 14 and 15, to describe 802.15.4 Chipset sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global 802.15.4 Chipset Consumption Value by Type: 2020 Versus 2024 Versus 2031
 - 1.3.2 Single-protocol/Standalone Chipsets
 - 1.3.3 Multi-protocol Chipsets
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global 802.15.4 Chipset Consumption Value by Application: 2020 Versus 2024 Versus 2031
 - 1.4.2 Smart Home
 - 1.4.3 Industrial Automation
 - 1.4.4 Smart Meeting
 - 1.4.5 Smart City (Outdoor Lighting, City Network Connectivity, etc.)
 - 1.4.6 Others
- 1.5 Global 802.15.4 Chipset Market Size & Forecast
 - 1.5.1 Global 802.15.4 Chipset Consumption Value (2020 & 2024 & 2031)
 - 1.5.2 Global 802.15.4 Chipset Sales Quantity (2020-2031)
 - 1.5.3 Global 802.15.4 Chipset Average Price (2020-2031)

2 MANUFACTURERS PROFILES

- 2.1 ON Semiconductor Corporation
 - 2.1.1 ON Semiconductor Corporation Details
 - 2.1.2 ON Semiconductor Corporation Major Business
 - 2.1.3 ON Semiconductor Corporation 802.15.4 Chipset Product and Services
 - 2.1.4 ON Semiconductor Corporation 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.1.5 ON Semiconductor Corporation Recent Developments/Updates
- 2.2 STMicroelectronics NV
 - 2.2.1 STMicroelectronics NV Details
 - 2.2.2 STMicroelectronics NV Major Business
 - 2.2.3 STMicroelectronics NV 802.15.4 Chipset Product and Services
 - 2.2.4 STMicroelectronics NV 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.2.5 STMicroelectronics NV Recent Developments/Updates
- 2.3 NXP Semiconductors NV
 - 2.3.1 NXP Semiconductors NV Details
 - 2.3.2 NXP Semiconductors NV Major Business
 - 2.3.3 NXP Semiconductors NV 802.15.4 Chipset Product and Services
 - 2.3.4 NXP Semiconductors NV 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 NXP Semiconductors NV Recent Developments/Updates
- 2.4 Panasonic Corporation
 - 2.4.1 Panasonic Corporation Details
 - 2.4.2 Panasonic Corporation Major Business
 - 2.4.3 Panasonic Corporation 802.15.4 Chipset Product and Services
 - 2.4.4 Panasonic Corporation 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 Panasonic Corporation Recent Developments/Updates
- 2.5 Qualcomm Inc.
 - 2.5.1 Qualcomm Inc. Details
 - 2.5.2 Qualcomm Inc. Major Business
 - 2.5.3 Qualcomm Inc. 802.15.4 Chipset Product and Services
 - 2.5.4 Qualcomm Inc. 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Qualcomm Inc. Recent Developments/Updates
- 2.6 Qorvo Inc.
 - 2.6.1 Qorvo Inc. Details
 - 2.6.2 Qorvo Inc. Major Business
 - 2.6.3 Qorvo Inc. 802.15.4 Chipset Product and Services
 - 2.6.4 Qorvo Inc. 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Qorvo Inc. Recent Developments/Updates
- 2.7 Marvell International Ltd
 - 2.7.1 Marvell International Ltd Details
 - 2.7.2 Marvell International Ltd Major Business
 - 2.7.3 Marvell International Ltd 802.15.4 Chipset Product and Services
 - 2.7.4 Marvell International Ltd 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.7.5 Marvell International Ltd Recent Developments/Updates
- 2.8 Nordic Semiconductor ASA
 - 2.8.1 Nordic Semiconductor ASA Details
 - 2.8.2 Nordic Semiconductor ASA Major Business

- 2.8.3 Nordic Semiconductor ASA 802.15.4 Chipset Product and Services
- 2.8.4 Nordic Semiconductor ASA 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Nordic Semiconductor ASA Recent Developments/Updates
- 2.9 Microchip Technology Inc.
 - 2.9.1 Microchip Technology Inc. Details
 - 2.9.2 Microchip Technology Inc. Major Business
 - 2.9.3 Microchip Technology Inc. 802.15.4 Chipset Product and Services
 - 2.9.4 Microchip Technology Inc. 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Microchip Technology Inc. Recent Developments/Updates
- 2.10 Silicon Laboratories Inc.
 - 2.10.1 Silicon Laboratories Inc. Details
 - 2.10.2 Silicon Laboratories Inc. Major Business
 - 2.10.3 Silicon Laboratories Inc. 802.15.4 Chipset Product and Services
 - 2.10.4 Silicon Laboratories Inc. 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Silicon Laboratories Inc. Recent Developments/Updates
- 2.11 Texas Instruments Inc.
 - 2.11.1 Texas Instruments Inc. Details
 - 2.11.2 Texas Instruments Inc. Major Business
 - 2.11.3 Texas Instruments Inc. 802.15.4 Chipset Product and Services
 - 2.11.4 Texas Instruments Inc. 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.11.5 Texas Instruments Inc. Recent Developments/Updates
- 2.12 Digi International Inc.
 - 2.12.1 Digi International Inc. Details
 - 2.12.2 Digi International Inc. Major Business
 - 2.12.3 Digi International Inc. 802.15.4 Chipset Product and Services
 - 2.12.4 Digi International Inc. 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.12.5 Digi International Inc. Recent Developments/Updates
- 2.13 Analog Devices, Inc.
 - 2.13.1 Analog Devices, Inc. Details
 - 2.13.2 Analog Devices, Inc. Major Business
 - 2.13.3 Analog Devices, Inc. 802.15.4 Chipset Product and Services
 - 2.13.4 Analog Devices, Inc. 802.15.4 Chipset Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.13.5 Analog Devices, Inc. Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: 802.15.4 CHIPSET BY MANUFACTURER

- 3.1 Global 802.15.4 Chipset Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global 802.15.4 Chipset Revenue by Manufacturer (2020-2025)
- 3.3 Global 802.15.4 Chipset Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of 802.15.4 Chipset by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 802.15.4 Chipset Manufacturer Market Share in 2024
 - 3.4.3 Top 6 802.15.4 Chipset Manufacturer Market Share in 2024
- 3.5 802.15.4 Chipset Market: Overall Company Footprint Analysis
 - 3.5.1 802.15.4 Chipset Market: Region Footprint
 - 3.5.2 802.15.4 Chipset Market: Company Product Type Footprint
 - 3.5.3 802.15.4 Chipset 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 802.15.4 Chipset Market Size by Region
 - 4.1.1 Global 802.15.4 Chipset Sales Quantity by Region (2020-2031)
 - 4.1.2 Global 802.15.4 Chipset Consumption Value by Region (2020-2031)
 - 4.1.3 Global 802.15.4 Chipset Average Price by Region (2020-2031)
- 4.2 North America 802.15.4 Chipset Consumption Value (2020-2031)
- 4.3 Europe 802.15.4 Chipset Consumption Value (2020-2031)
- 4.4 Asia-Pacific 802.15.4 Chipset Consumption Value (2020-2031)
- 4.5 South America 802.15.4 Chipset Consumption Value (2020-2031)
- 4.6 Middle East & Africa 802.15.4 Chipset Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

- 5.1 Global 802.15.4 Chipset Sales Quantity by Type (2020-2031)
- 5.2 Global 802.15.4 Chipset Consumption Value by Type (2020-2031)
- 5.3 Global 802.15.4 Chipset Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global 802.15.4 Chipset Sales Quantity by Application (2020-2031)

6.2 Global 802.15.4 Chipset Consumption Value by Application (2020-2031)

6.3 Global 802.15.4 Chipset Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America 802.15.4 Chipset Sales Quantity by Type (2020-2031)

7.2 North America 802.15.4 Chipset Sales Quantity by Application (2020-2031)

7.3 North America 802.15.4 Chipset Market Size by Country

7.3.1 North America 802.15.4 Chipset Sales Quantity by Country (2020-2031)

7.3.2 North America 802.15.4 Chipset Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe 802.15.4 Chipset Sales Quantity by Type (2020-2031)

8.2 Europe 802.15.4 Chipset Sales Quantity by Application (2020-2031)

8.3 Europe 802.15.4 Chipset Market Size by Country

8.3.1 Europe 802.15.4 Chipset Sales Quantity by Country (2020-2031)

8.3.2 Europe 802.15.4 Chipset Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific 802.15.4 Chipset Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific 802.15.4 Chipset Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific 802.15.4 Chipset Market Size by Region

9.3.1 Asia-Pacific 802.15.4 Chipset Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific 802.15.4 Chipset Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America 802.15.4 Chipset Sales Quantity by Type (2020-2031)

10.2 South America 802.15.4 Chipset Sales Quantity by Application (2020-2031)

10.3 South America 802.15.4 Chipset Market Size by Country

10.3.1 South America 802.15.4 Chipset Sales Quantity by Country (2020-2031)

10.3.2 South America 802.15.4 Chipset Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa 802.15.4 Chipset Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa 802.15.4 Chipset Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa 802.15.4 Chipset Market Size by Country

11.3.1 Middle East & Africa 802.15.4 Chipset Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa 802.15.4 Chipset Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 802.15.4 Chipset Market Drivers

12.2 802.15.4 Chipset Market Restraints

12.3 802.15.4 Chipset 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 802.15.4 Chipset and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of 802.15.4 Chipset
- 13.3 802.15.4 Chipset Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 802.15.4 Chipset Typical Distributors
- 14.3 802.15.4 Chipset Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global 802.15.4 Chipset Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global 802.15.4 Chipset Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. ON Semiconductor Corporation Basic Information, Manufacturing Base and Competitors

Table 4. ON Semiconductor Corporation Major Business

Table 5. ON Semiconductor Corporation 802.15.4 Chipset Product and Services

Table 6. ON Semiconductor Corporation 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. ON Semiconductor Corporation Recent Developments/Updates

Table 8. STMicroelectronics NV Basic Information, Manufacturing Base and Competitors

Table 9. STMicroelectronics NV Major Business

Table 10. STMicroelectronics NV 802.15.4 Chipset Product and Services

Table 11. STMicroelectronics NV 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. STMicroelectronics NV Recent Developments/Updates

Table 13. NXP Semiconductors NV Basic Information, Manufacturing Base and Competitors

Table 14. NXP Semiconductors NV Major Business

Table 15. NXP Semiconductors NV 802.15.4 Chipset Product and Services

Table 16. NXP Semiconductors NV 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. NXP Semiconductors NV Recent Developments/Updates

Table 18. Panasonic Corporation Basic Information, Manufacturing Base and Competitors

Table 19. Panasonic Corporation Major Business

Table 20. Panasonic Corporation 802.15.4 Chipset Product and Services

Table 21. Panasonic Corporation 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Panasonic Corporation Recent Developments/Updates

Table 23. Qualcomm Inc. Basic Information, Manufacturing Base and Competitors

Table 24. Qualcomm Inc. Major Business

Table 25. Qualcomm Inc. 802.15.4 Chipset Product and Services
Table 26. Qualcomm Inc. 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 27. Qualcomm Inc. Recent Developments/Updates
Table 28. Qorvo Inc. Basic Information, Manufacturing Base and Competitors
Table 29. Qorvo Inc. Major Business
Table 30. Qorvo Inc. 802.15.4 Chipset Product and Services
Table 31. Qorvo Inc. 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 32. Qorvo Inc. Recent Developments/Updates
Table 33. Marvell International Ltd Basic Information, Manufacturing Base and Competitors
Table 34. Marvell International Ltd Major Business
Table 35. Marvell International Ltd 802.15.4 Chipset Product and Services
Table 36. Marvell International Ltd 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 37. Marvell International Ltd Recent Developments/Updates
Table 38. Nordic Semiconductor ASA Basic Information, Manufacturing Base and Competitors
Table 39. Nordic Semiconductor ASA Major Business
Table 40. Nordic Semiconductor ASA 802.15.4 Chipset Product and Services
Table 41. Nordic Semiconductor ASA 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 42. Nordic Semiconductor ASA Recent Developments/Updates
Table 43. Microchip Technology Inc. Basic Information, Manufacturing Base and Competitors
Table 44. Microchip Technology Inc. Major Business
Table 45. Microchip Technology Inc. 802.15.4 Chipset Product and Services
Table 46. Microchip Technology Inc. 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 47. Microchip Technology Inc. Recent Developments/Updates
Table 48. Silicon Laboratories Inc. Basic Information, Manufacturing Base and Competitors
Table 49. Silicon Laboratories Inc. Major Business
Table 50. Silicon Laboratories Inc. 802.15.4 Chipset Product and Services
Table 51. Silicon Laboratories Inc. 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 52. Silicon Laboratories Inc. Recent Developments/Updates
Table 53. Texas Instruments Inc. Basic Information, Manufacturing Base and

Competitors

Table 54. Texas Instruments Inc. Major Business

Table 55. Texas Instruments Inc. 802.15.4 Chipset Product and Services

Table 56. Texas Instruments Inc. 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Texas Instruments Inc. Recent Developments/Updates

Table 58. Digi International Inc. Basic Information, Manufacturing Base and Competitors

Table 59. Digi International Inc. Major Business

Table 60. Digi International Inc. 802.15.4 Chipset Product and Services

Table 61. Digi International Inc. 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Digi International Inc. Recent Developments/Updates

Table 63. Analog Devices, Inc. Basic Information, Manufacturing Base and Competitors

Table 64. Analog Devices, Inc. Major Business

Table 65. Analog Devices, Inc. 802.15.4 Chipset Product and Services

Table 66. Analog Devices, Inc. 802.15.4 Chipset Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. Analog Devices, Inc. Recent Developments/Updates

Table 68. Global 802.15.4 Chipset Sales Quantity by Manufacturer (2020-2025) & (Units)

Table 69. Global 802.15.4 Chipset Revenue by Manufacturer (2020-2025) & (USD Million)

Table 70. Global 802.15.4 Chipset Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 71. Market Position of Manufacturers in 802.15.4 Chipset, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 72. Head Office and 802.15.4 Chipset Production Site of Key Manufacturer

Table 73. 802.15.4 Chipset Market: Company Product Type Footprint

Table 74. 802.15.4 Chipset Market: Company Product Application Footprint

Table 75. 802.15.4 Chipset New Market Entrants and Barriers to Market Entry

Table 76. 802.15.4 Chipset Mergers, Acquisition, Agreements, and Collaborations

Table 77. Global 802.15.4 Chipset Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 78. Global 802.15.4 Chipset Sales Quantity by Region (2020-2025) & (Units)

Table 79. Global 802.15.4 Chipset Sales Quantity by Region (2026-2031) & (Units)

Table 80. Global 802.15.4 Chipset Consumption Value by Region (2020-2025) & (USD Million)

Table 81. Global 802.15.4 Chipset Consumption Value by Region (2026-2031) & (USD Million)

Table 82. Global 802.15.4 Chipset Average Price by Region (2020-2025) & (US\$/Unit)

Table 83. Global 802.15.4 Chipset Average Price by Region (2026-2031) & (US\$/Unit)

Table 84. Global 802.15.4 Chipset Sales Quantity by Type (2020-2025) & (Units)

Table 85. Global 802.15.4 Chipset Sales Quantity by Type (2026-2031) & (Units)

Table 86. Global 802.15.4 Chipset Consumption Value by Type (2020-2025) & (USD Million)

Table 87. Global 802.15.4 Chipset Consumption Value by Type (2026-2031) & (USD Million)

Table 88. Global 802.15.4 Chipset Average Price by Type (2020-2025) & (US\$/Unit)

Table 89. Global 802.15.4 Chipset Average Price by Type (2026-2031) & (US\$/Unit)

Table 90. Global 802.15.4 Chipset Sales Quantity by Application (2020-2025) & (Units)

Table 91. Global 802.15.4 Chipset Sales Quantity by Application (2026-2031) & (Units)

Table 92. Global 802.15.4 Chipset Consumption Value by Application (2020-2025) & (USD Million)

Table 93. Global 802.15.4 Chipset Consumption Value by Application (2026-2031) & (USD Million)

Table 94. Global 802.15.4 Chipset Average Price by Application (2020-2025) & (US\$/Unit)

Table 95. Global 802.15.4 Chipset Average Price by Application (2026-2031) & (US\$/Unit)

Table 96. North America 802.15.4 Chipset Sales Quantity by Type (2020-2025) & (Units)

Table 97. North America 802.15.4 Chipset Sales Quantity by Type (2026-2031) & (Units)

Table 98. North America 802.15.4 Chipset Sales Quantity by Application (2020-2025) & (Units)

Table 99. North America 802.15.4 Chipset Sales Quantity by Application (2026-2031) & (Units)

Table 100. North America 802.15.4 Chipset Sales Quantity by Country (2020-2025) & (Units)

Table 101. North America 802.15.4 Chipset Sales Quantity by Country (2026-2031) & (Units)

Table 102. North America 802.15.4 Chipset Consumption Value by Country (2020-2025) & (USD Million)

Table 103. North America 802.15.4 Chipset Consumption Value by Country (2026-2031) & (USD Million)

Table 104. Europe 802.15.4 Chipset Sales Quantity by Type (2020-2025) & (Units)

Table 105. Europe 802.15.4 Chipset Sales Quantity by Type (2026-2031) & (Units)

Table 106. Europe 802.15.4 Chipset Sales Quantity by Application (2020-2025) &

(Units)

Table 107. Europe 802.15.4 Chipset Sales Quantity by Application (2026-2031) &

(Units)

Table 108. Europe 802.15.4 Chipset Sales Quantity by Country (2020-2025) & (Units)

Table 109. Europe 802.15.4 Chipset Sales Quantity by Country (2026-2031) & (Units)

Table 110. Europe 802.15.4 Chipset Consumption Value by Country (2020-2025) & (USD Million)

Table 111. Europe 802.15.4 Chipset Consumption Value by Country (2026-2031) & (USD Million)

Table 112. Asia-Pacific 802.15.4 Chipset Sales Quantity by Type (2020-2025) & (Units)

Table 113. Asia-Pacific 802.15.4 Chipset Sales Quantity by Type (2026-2031) & (Units)

Table 114. Asia-Pacific 802.15.4 Chipset Sales Quantity by Application (2020-2025) & (Units)

Table 115. Asia-Pacific 802.15.4 Chipset Sales Quantity by Application (2026-2031) & (Units)

Table 116. Asia-Pacific 802.15.4 Chipset Sales Quantity by Region (2020-2025) & (Units)

Table 117. Asia-Pacific 802.15.4 Chipset Sales Quantity by Region (2026-2031) & (Units)

Table 118. Asia-Pacific 802.15.4 Chipset Consumption Value by Region (2020-2025) & (USD Million)

Table 119. Asia-Pacific 802.15.4 Chipset Consumption Value by Region (2026-2031) & (USD Million)

Table 120. South America 802.15.4 Chipset Sales Quantity by Type (2020-2025) & (Units)

Table 121. South America 802.15.4 Chipset Sales Quantity by Type (2026-2031) & (Units)

Table 122. South America 802.15.4 Chipset Sales Quantity by Application (2020-2025) & (Units)

Table 123. South America 802.15.4 Chipset Sales Quantity by Application (2026-2031) & (Units)

Table 124. South America 802.15.4 Chipset Sales Quantity by Country (2020-2025) & (Units)

Table 125. South America 802.15.4 Chipset Sales Quantity by Country (2026-2031) & (Units)

Table 126. South America 802.15.4 Chipset Consumption Value by Country (2020-2025) & (USD Million)

Table 127. South America 802.15.4 Chipset Consumption Value by Country (2026-2031) & (USD Million)

Table 128. Middle East & Africa 802.15.4 Chipset Sales Quantity by Type (2020-2025) & (Units)

Table 129. Middle East & Africa 802.15.4 Chipset Sales Quantity by Type (2026-2031) & (Units)

Table 130. Middle East & Africa 802.15.4 Chipset Sales Quantity by Application (2020-2025) & (Units)

Table 131. Middle East & Africa 802.15.4 Chipset Sales Quantity by Application (2026-2031) & (Units)

Table 132. Middle East & Africa 802.15.4 Chipset Sales Quantity by Country (2020-2025) & (Units)

Table 133. Middle East & Africa 802.15.4 Chipset Sales Quantity by Country (2026-2031) & (Units)

Table 134. Middle East & Africa 802.15.4 Chipset Consumption Value by Country (2020-2025) & (USD Million)

Table 135. Middle East & Africa 802.15.4 Chipset Consumption Value by Country (2026-2031) & (USD Million)

Table 136. 802.15.4 Chipset Raw Material

Table 137. Key Manufacturers of 802.15.4 Chipset Raw Materials

Table 138. 802.15.4 Chipset Typical Distributors

Table 139. 802.15.4 Chipset Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. 802.15.4 Chipset Picture

Figure 2. Global 802.15.4 Chipset Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global 802.15.4 Chipset Revenue Market Share by Type in 2024

Figure 4. Single-protocol/Standalone Chipsets Examples

Figure 5. Multi-protocol Chipsets Examples

Figure 6. Global 802.15.4 Chipset Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 7. Global 802.15.4 Chipset Revenue Market Share by Application in 2024

Figure 8. Smart Home Examples

Figure 9. Industrial Automation Examples

Figure 10. Smart Meeting Examples

Figure 11. Smart City (Outdoor Lighting, City Network Connectivity, etc.) Examples

Figure 12. Others Examples

Figure 13. Global 802.15.4 Chipset Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 14. Global 802.15.4 Chipset Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 15. Global 802.15.4 Chipset Sales Quantity (2020-2031) & (Units)

Figure 16. Global 802.15.4 Chipset Price (2020-2031) & (US\$/Unit)

Figure 17. Global 802.15.4 Chipset Sales Quantity Market Share by Manufacturer in 2024

Figure 18. Global 802.15.4 Chipset Revenue Market Share by Manufacturer in 2024

Figure 19. Producer Shipments of 802.15.4 Chipset by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 20. Top 3 802.15.4 Chipset Manufacturer (Revenue) Market Share in 2024

Figure 21. Top 6 802.15.4 Chipset Manufacturer (Revenue) Market Share in 2024

Figure 22. Global 802.15.4 Chipset Sales Quantity Market Share by Region (2020-2031)

Figure 23. Global 802.15.4 Chipset Consumption Value Market Share by Region (2020-2031)

Figure 24. North America 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Million)

Figure 27. South America 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 29. Global 802.15.4 Chipset Sales Quantity Market Share by Type (2020-2031)

Figure 30. Global 802.15.4 Chipset Consumption Value Market Share by Type (2020-2031)

Figure 31. Global 802.15.4 Chipset Average Price by Type (2020-2031) & (US\$/Unit)

Figure 32. Global 802.15.4 Chipset Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global 802.15.4 Chipset Revenue Market Share by Application (2020-2031)

Figure 34. Global 802.15.4 Chipset Average Price by Application (2020-2031) & (US\$/Unit)

Figure 35. North America 802.15.4 Chipset Sales Quantity Market Share by Type (2020-2031)

Figure 36. North America 802.15.4 Chipset Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America 802.15.4 Chipset Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America 802.15.4 Chipset Consumption Value Market Share by Country (2020-2031)

Figure 39. United States 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe 802.15.4 Chipset Sales Quantity Market Share by Type (2020-2031)

Figure 43. Europe 802.15.4 Chipset Sales Quantity Market Share by Application (2020-2031)

Figure 44. Europe 802.15.4 Chipset Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe 802.15.4 Chipset Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 47. France 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific 802.15.4 Chipset Sales Quantity Market Share by Type (2020-2031)

Figure 52. Asia-Pacific 802.15.4 Chipset Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific 802.15.4 Chipset Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific 802.15.4 Chipset Consumption Value Market Share by Region (2020-2031)

Figure 55. China 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 58. India 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 61. South America 802.15.4 Chipset Sales Quantity Market Share by Type (2020-2031)

Figure 62. South America 802.15.4 Chipset Sales Quantity Market Share by Application (2020-2031)

Figure 63. South America 802.15.4 Chipset Sales Quantity Market Share by Country (2020-2031)

Figure 64. South America 802.15.4 Chipset Consumption Value Market Share by Country (2020-2031)

Figure 65. Brazil 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 66. Argentina 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 67. Middle East & Africa 802.15.4 Chipset Sales Quantity Market Share by Type (2020-2031)

Figure 68. Middle East & Africa 802.15.4 Chipset Sales Quantity Market Share by Application (2020-2031)

Figure 69. Middle East & Africa 802.15.4 Chipset Sales Quantity Market Share by Country (2020-2031)

Figure 70. Middle East & Africa 802.15.4 Chipset Consumption Value Market Share by Country (2020-2031)

Figure 71. Turkey 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 72. Egypt 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 73. Saudi Arabia 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Figure 74. South Africa 802.15.4 Chipset Consumption Value (2020-2031) & (USD Million)

Million)

Figure 75. 802.15.4 Chipset Market Drivers

Figure 76. 802.15.4 Chipset Market Restraints

Figure 77. 802.15.4 Chipset Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of 802.15.4 Chipset in 2024

Figure 80. Manufacturing Process Analysis of 802.15.4 Chipset

Figure 81. 802.15.4 Chipset Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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