

Global Buck Regulator Chip Market Research Report 2025(Status and Outlook)

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Abstracts

Report Overview

The buck regulator chip is a power management chip that can efficiently convert the input voltage into a lower output voltage to supply various loads in the circuit system. The advantage of the buck regulator chip is that it can improve the efficiency of power conversion, reduce heat generation and power consumption, and is suitable for various portable devices and industrial applications. The principle of the buck regulator chip is to use switching elements (such as transistors) and inductors to form a pulse width modulation (PWM) circuit, and adjust the size and stability of the output voltage by controlling the switching frequency and duty cycle of the switching elements.

This report provides a deep insight into the global Buck Regulator Chip market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Buck Regulator Chip Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers,

consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Buck Regulator Chip market in any manner.

Global Buck Regulator Chip Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Analog Devices

Texas Instruments

Microchip Technology

STMicroelectronics

NXP Semiconductors

ON Semiconductor

Renesas Electronics

Infineon Technologies

Linear Technology

Richtek Technology

Monolithic Power Systems

Semtech

Silicon Labs

Vishay Intertechnology

Diodes Incorporated

Market Segmentation (by Type)

Linear Buck Regulator

Switch Mode Buck Converter

Market Segmentation (by Application)

Automobile Industry

Communications Industry

Consumer Electronics Industry

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 Buck Regulator Chip Market

Overview of the regional outlook of the Buck Regulator Chip Market:

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 (USD Billion) 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

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

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 Buck Regulator Chip 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 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 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Buck Regulator Chip

1.2 Key Market Segments

1.2.1 Buck Regulator Chip Segment by Type

1.2.2 Buck Regulator Chip 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 BUCK REGULATOR CHIP MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Buck Regulator Chip Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global Buck Regulator Chip Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 BUCK REGULATOR CHIP MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Buck Regulator Chip Product Life Cycle

3.3 Global Buck Regulator Chip Sales by Manufacturers (2020-2025)

3.4 Global Buck Regulator Chip Revenue Market Share by Manufacturers (2020-2025)

3.5 Buck Regulator Chip Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Buck Regulator Chip Average Price by Manufacturers (2020-2025)

3.7 Manufacturers Buck Regulator Chip Manufacturing Sites, Area Served, Product Type

3.8 Buck Regulator Chip Market Competitive Situation and Trends

3.8.1 Buck Regulator Chip Market Concentration Rate

3.8.2 Global 5 and 10 Largest Buck Regulator Chip Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 BUCK REGULATOR CHIP INDUSTRY CHAIN ANALYSIS

- 4.1 Buck Regulator Chip 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 BUCK REGULATOR CHIP 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 Buck Regulator Chip Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 Global Trade Frictions and Their Impacts to Buck Regulator Chip Market
- 5.7 ESG Ratings of Leading Companies

6 BUCK REGULATOR CHIP MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Buck Regulator Chip Sales Market Share by Type (2020-2025)
- 6.3 Global Buck Regulator Chip Market Size Market Share by Type (2020-2025)
- 6.4 Global Buck Regulator Chip Price by Type (2020-2025)

7 BUCK REGULATOR CHIP MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Buck Regulator Chip Market Sales by Application (2020-2025)
- 7.3 Global Buck Regulator Chip Market Size (M USD) by Application (2020-2025)

7.4 Global Buck Regulator Chip Sales Growth Rate by Application (2020-2025)

8 BUCK REGULATOR CHIP MARKET SALES BY REGION

8.1 Global Buck Regulator Chip Sales by Region

8.1.1 Global Buck Regulator Chip Sales by Region

8.1.2 Global Buck Regulator Chip Sales Market Share by Region

8.2 Global Buck Regulator Chip Market Size by Region

8.2.1 Global Buck Regulator Chip Market Size by Region

8.2.2 Global Buck Regulator Chip Market Size Market Share by Region

8.3 North America

8.3.1 North America Buck Regulator Chip Sales by Country

8.3.2 North America Buck Regulator Chip 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 Buck Regulator Chip Sales by Country

8.4.2 Europe Buck Regulator Chip 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 Buck Regulator Chip Sales by Region

8.5.2 Asia Pacific Buck Regulator Chip 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 Buck Regulator Chip Sales by Country

8.6.2 South America Buck Regulator Chip 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 Buck Regulator Chip Sales by Region
- 8.7.2 Middle East and Africa Buck Regulator Chip 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 BUCK REGULATOR CHIP MARKET PRODUCTION BY REGION

- 9.1 Global Production of Buck Regulator Chip by Region(2020-2025)
- 9.2 Global Buck Regulator Chip Revenue Market Share by Region (2020-2025)
- 9.3 Global Buck Regulator Chip Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Buck Regulator Chip Production
 - 9.4.1 North America Buck Regulator Chip Production Growth Rate (2020-2025)
 - 9.4.2 North America Buck Regulator Chip Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Buck Regulator Chip Production
 - 9.5.1 Europe Buck Regulator Chip Production Growth Rate (2020-2025)
 - 9.5.2 Europe Buck Regulator Chip Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Buck Regulator Chip Production (2020-2025)
 - 9.6.1 Japan Buck Regulator Chip Production Growth Rate (2020-2025)
 - 9.6.2 Japan Buck Regulator Chip Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Buck Regulator Chip Production (2020-2025)
 - 9.7.1 China Buck Regulator Chip Production Growth Rate (2020-2025)
 - 9.7.2 China Buck Regulator Chip Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

- 10.1 Analog Devices
 - 10.1.1 Analog Devices Basic Information
 - 10.1.2 Analog Devices Buck Regulator Chip Product Overview
 - 10.1.3 Analog Devices Buck Regulator Chip Product Market Performance
 - 10.1.4 Analog Devices Business Overview
 - 10.1.5 Analog Devices SWOT Analysis

- 10.1.6 Analog Devices Recent Developments
- 10.2 Texas Instruments
 - 10.2.1 Texas Instruments Basic Information
 - 10.2.2 Texas Instruments Buck Regulator Chip Product Overview
 - 10.2.3 Texas Instruments Buck Regulator Chip Product Market Performance
 - 10.2.4 Texas Instruments Business Overview
 - 10.2.5 Texas Instruments SWOT Analysis
 - 10.2.6 Texas Instruments Recent Developments
- 10.3 Microchip Technology
 - 10.3.1 Microchip Technology Basic Information
 - 10.3.2 Microchip Technology Buck Regulator Chip Product Overview
 - 10.3.3 Microchip Technology Buck Regulator Chip Product Market Performance
 - 10.3.4 Microchip Technology Business Overview
 - 10.3.5 Microchip Technology SWOT Analysis
 - 10.3.6 Microchip Technology Recent Developments
- 10.4 STMicroelectronics
 - 10.4.1 STMicroelectronics Basic Information
 - 10.4.2 STMicroelectronics Buck Regulator Chip Product Overview
 - 10.4.3 STMicroelectronics Buck Regulator Chip Product Market Performance
 - 10.4.4 STMicroelectronics Business Overview
 - 10.4.5 STMicroelectronics Recent Developments
- 10.5 NXP Semiconductors
 - 10.5.1 NXP Semiconductors Basic Information
 - 10.5.2 NXP Semiconductors Buck Regulator Chip Product Overview
 - 10.5.3 NXP Semiconductors Buck Regulator Chip Product Market Performance
 - 10.5.4 NXP Semiconductors Business Overview
 - 10.5.5 NXP Semiconductors Recent Developments
- 10.6 ON Semiconductor
 - 10.6.1 ON Semiconductor Basic Information
 - 10.6.2 ON Semiconductor Buck Regulator Chip Product Overview
 - 10.6.3 ON Semiconductor Buck Regulator Chip Product Market Performance
 - 10.6.4 ON Semiconductor Business Overview
 - 10.6.5 ON Semiconductor Recent Developments
- 10.7 Renesas Electronics
 - 10.7.1 Renesas Electronics Basic Information
 - 10.7.2 Renesas Electronics Buck Regulator Chip Product Overview
 - 10.7.3 Renesas Electronics Buck Regulator Chip Product Market Performance
 - 10.7.4 Renesas Electronics Business Overview
 - 10.7.5 Renesas Electronics Recent Developments

10.8 Infineon Technologies

10.8.1 Infineon Technologies Basic Information

10.8.2 Infineon Technologies Buck Regulator Chip Product Overview

10.8.3 Infineon Technologies Buck Regulator Chip Product Market Performance

10.8.4 Infineon Technologies Business Overview

10.8.5 Infineon Technologies Recent Developments

10.9 Linear Technology

10.9.1 Linear Technology Basic Information

10.9.2 Linear Technology Buck Regulator Chip Product Overview

10.9.3 Linear Technology Buck Regulator Chip Product Market Performance

10.9.4 Linear Technology Business Overview

10.9.5 Linear Technology Recent Developments

10.10 Richtek Technology

10.10.1 Richtek Technology Basic Information

10.10.2 Richtek Technology Buck Regulator Chip Product Overview

10.10.3 Richtek Technology Buck Regulator Chip Product Market Performance

10.10.4 Richtek Technology Business Overview

10.10.5 Richtek Technology Recent Developments

10.11 Monolithic Power Systems

10.11.1 Monolithic Power Systems Basic Information

10.11.2 Monolithic Power Systems Buck Regulator Chip Product Overview

10.11.3 Monolithic Power Systems Buck Regulator Chip Product Market Performance

10.11.4 Monolithic Power Systems Business Overview

10.11.5 Monolithic Power Systems Recent Developments

10.12 Semtech

10.12.1 Semtech Basic Information

10.12.2 Semtech Buck Regulator Chip Product Overview

10.12.3 Semtech Buck Regulator Chip Product Market Performance

10.12.4 Semtech Business Overview

10.12.5 Semtech Recent Developments

10.13 Silicon Labs

10.13.1 Silicon Labs Basic Information

10.13.2 Silicon Labs Buck Regulator Chip Product Overview

10.13.3 Silicon Labs Buck Regulator Chip Product Market Performance

10.13.4 Silicon Labs Business Overview

10.13.5 Silicon Labs Recent Developments

10.14 Vishay Intertechnology

10.14.1 Vishay Intertechnology Basic Information

10.14.2 Vishay Intertechnology Buck Regulator Chip Product Overview

- 10.14.3 Vishay Intertechnology Buck Regulator Chip Product Market Performance
- 10.14.4 Vishay Intertechnology Business Overview
- 10.14.5 Vishay Intertechnology Recent Developments
- 10.15 Diodes Incorporated
 - 10.15.1 Diodes Incorporated Basic Information
 - 10.15.2 Diodes Incorporated Buck Regulator Chip Product Overview
 - 10.15.3 Diodes Incorporated Buck Regulator Chip Product Market Performance
 - 10.15.4 Diodes Incorporated Business Overview
 - 10.15.5 Diodes Incorporated Recent Developments

11 BUCK REGULATOR CHIP MARKET FORECAST BY REGION

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

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

- 12.1 Global Buck Regulator Chip Market Forecast by Type (2026-2033)
 - 12.1.1 Global Forecasted Sales of Buck Regulator Chip by Type (2026-2033)
 - 12.1.2 Global Buck Regulator Chip Market Size Forecast by Type (2026-2033)
 - 12.1.3 Global Forecasted Price of Buck Regulator Chip by Type (2026-2033)
- 12.2 Global Buck Regulator Chip Market Forecast by Application (2026-2033)
 - 12.2.1 Global Buck Regulator Chip Sales (K Units) Forecast by Application
 - 12.2.2 Global Buck Regulator Chip Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List of Tables

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. Buck Regulator Chip Market Size Comparison by Region (M USD)
- Table 5. Global Buck Regulator Chip Sales (K Units) by Manufacturers (2020-2025)
- Table 6. Global Buck Regulator Chip Sales Market Share by Manufacturers

(2020-2025)

Table 7. Global Buck Regulator Chip Revenue (M USD) by Manufacturers (2020-2025)

Table 8. Global Buck Regulator Chip Revenue Share by Manufacturers (2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Buck Regulator Chip as of 2024)

Table 10. Global Market Buck Regulator Chip Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 11. Manufacturers Buck Regulator Chip Manufacturing Sites and Area Served

Table 12. Manufacturers Buck Regulator Chip Product Type

Table 13. Global Buck Regulator Chip Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Buck Regulator Chip Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. Global Buck Regulator Chip Sales by Type (K Units)

Table 25. Global Buck Regulator Chip Market Size by Type (M USD)

Table 26. Global Buck Regulator Chip Sales (K Units) by Type (2020-2025)

Table 27. Global Buck Regulator Chip Sales Market Share by Type (2020-2025)

Table 28. Global Buck Regulator Chip Market Size (M USD) by Type (2020-2025)

Table 29. Global Buck Regulator Chip Market Size Share by Type (2020-2025)

Table 30. Global Buck Regulator Chip Price (USD/Unit) by Type (2020-2025)

Table 31. Global Buck Regulator Chip Sales (K Units) by Application

Table 32. Global Buck Regulator Chip Market Size by Application

Table 33. Global Buck Regulator Chip Sales by Application (2020-2025) & (K Units)

Table 34. Global Buck Regulator Chip Sales Market Share by Application (2020-2025)

Table 35. Global Buck Regulator Chip Market Size by Application (2020-2025) & (M USD)

Table 36. Global Buck Regulator Chip Market Share by Application (2020-2025)

Table 37. Global Buck Regulator Chip Sales Growth Rate by Application (2020-2025)

Table 38. Global Buck Regulator Chip Sales by Region (2020-2025) & (K Units)

Table 39. Global Buck Regulator Chip Sales Market Share by Region (2020-2025)

Table 40. Global Buck Regulator Chip Market Size by Region (2020-2025) & (M USD)

Table 41. Global Buck Regulator Chip Market Size Market Share by Region (2020-2025)

Table 42. North America Buck Regulator Chip Sales by Country (2020-2025) & (K Units)

Table 43. North America Buck Regulator Chip Market Size by Country (2020-2025) & (M USD)

Table 44. Europe Buck Regulator Chip Sales by Country (2020-2025) & (K Units)

Table 45. Europe Buck Regulator Chip Market Size by Country (2020-2025) & (M USD)

Table 46. Asia Pacific Buck Regulator Chip Sales by Region (2020-2025) & (K Units)

Table 47. Asia Pacific Buck Regulator Chip Market Size by Region (2020-2025) & (M USD)

Table 48. South America Buck Regulator Chip Sales by Country (2020-2025) & (K Units)

Table 49. South America Buck Regulator Chip Market Size by Country (2020-2025) & (M USD)

Table 50. Middle East and Africa Buck Regulator Chip Sales by Region (2020-2025) & (K Units)

Table 51. Middle East and Africa Buck Regulator Chip Market Size by Region (2020-2025) & (M USD)

Table 52. Global Buck Regulator Chip Production (K Units) by Region(2020-2025)

Table 53. Global Buck Regulator Chip Revenue (US\$ Million) by Region (2020-2025)

Table 54. Global Buck Regulator Chip Revenue Market Share by Region (2020-2025)

Table 55. Global Buck Regulator Chip Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 56. North America Buck Regulator Chip Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 57. Europe Buck Regulator Chip Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. Japan Buck Regulator Chip Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. China Buck Regulator Chip Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Analog Devices Basic Information

Table 61. Analog Devices Buck Regulator Chip Product Overview

Table 62. Analog Devices Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 63. Analog Devices Business Overview

Table 64. Analog Devices SWOT Analysis

Table 65. Analog Devices Recent Developments

Table 66. Texas Instruments Basic Information
Table 67. Texas Instruments Buck Regulator Chip Product Overview
Table 68. Texas Instruments Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 69. Texas Instruments Business Overview
Table 70. Texas Instruments SWOT Analysis
Table 71. Texas Instruments Recent Developments
Table 72. Microchip Technology Basic Information
Table 73. Microchip Technology Buck Regulator Chip Product Overview
Table 74. Microchip Technology Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 75. Microchip Technology Business Overview
Table 76. Microchip Technology SWOT Analysis
Table 77. Microchip Technology Recent Developments
Table 78. STMicroelectronics Basic Information
Table 79. STMicroelectronics Buck Regulator Chip Product Overview
Table 80. STMicroelectronics Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 81. STMicroelectronics Business Overview
Table 82. STMicroelectronics Recent Developments
Table 83. NXP Semiconductors Basic Information
Table 84. NXP Semiconductors Buck Regulator Chip Product Overview
Table 85. NXP Semiconductors Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 86. NXP Semiconductors Business Overview
Table 87. NXP Semiconductors Recent Developments
Table 88. ON Semiconductor Basic Information
Table 89. ON Semiconductor Buck Regulator Chip Product Overview
Table 90. ON Semiconductor Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 91. ON Semiconductor Business Overview
Table 92. ON Semiconductor Recent Developments
Table 93. Renesas Electronics Basic Information
Table 94. Renesas Electronics Buck Regulator Chip Product Overview
Table 95. Renesas Electronics Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 96. Renesas Electronics Business Overview
Table 97. Renesas Electronics Recent Developments
Table 98. Infineon Technologies Basic Information

Table 99. Infineon Technologies Buck Regulator Chip Product Overview
Table 100. Infineon Technologies Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 101. Infineon Technologies Business Overview
Table 102. Infineon Technologies Recent Developments
Table 103. Linear Technology Basic Information
Table 104. Linear Technology Buck Regulator Chip Product Overview
Table 105. Linear Technology Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 106. Linear Technology Business Overview
Table 107. Linear Technology Recent Developments
Table 108. Richtek Technology Basic Information
Table 109. Richtek Technology Buck Regulator Chip Product Overview
Table 110. Richtek Technology Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 111. Richtek Technology Business Overview
Table 112. Richtek Technology Recent Developments
Table 113. Monolithic Power Systems Basic Information
Table 114. Monolithic Power Systems Buck Regulator Chip Product Overview
Table 115. Monolithic Power Systems Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 116. Monolithic Power Systems Business Overview
Table 117. Monolithic Power Systems Recent Developments
Table 118. Semtech Basic Information
Table 119. Semtech Buck Regulator Chip Product Overview
Table 120. Semtech Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 121. Semtech Business Overview
Table 122. Semtech Recent Developments
Table 123. Silicon Labs Basic Information
Table 124. Silicon Labs Buck Regulator Chip Product Overview
Table 125. Silicon Labs Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 126. Silicon Labs Business Overview
Table 127. Silicon Labs Recent Developments
Table 128. Vishay Intertechnology Basic Information
Table 129. Vishay Intertechnology Buck Regulator Chip Product Overview
Table 130. Vishay Intertechnology Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 131. Vishay Intertechnology Business Overview
Table 132. Vishay Intertechnology Recent Developments
Table 133. Diodes Incorporated Basic Information
Table 134. Diodes Incorporated Buck Regulator Chip Product Overview
Table 135. Diodes Incorporated Buck Regulator Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 136. Diodes Incorporated Business Overview
Table 137. Diodes Incorporated Recent Developments
Table 138. Global Buck Regulator Chip Sales Forecast by Region (2026-2033) & (K Units)
Table 139. Global Buck Regulator Chip Market Size Forecast by Region (2026-2033) & (M USD)
Table 140. North America Buck Regulator Chip Sales Forecast by Country (2026-2033) & (K Units)
Table 141. North America Buck Regulator Chip Market Size Forecast by Country (2026-2033) & (M USD)
Table 142. Europe Buck Regulator Chip Sales Forecast by Country (2026-2033) & (K Units)
Table 143. Europe Buck Regulator Chip Market Size Forecast by Country (2026-2033) & (M USD)
Table 144. Asia Pacific Buck Regulator Chip Sales Forecast by Region (2026-2033) & (K Units)
Table 145. Asia Pacific Buck Regulator Chip Market Size Forecast by Region (2026-2033) & (M USD)
Table 146. South America Buck Regulator Chip Sales Forecast by Country (2026-2033) & (K Units)
Table 147. South America Buck Regulator Chip Market Size Forecast by Country (2026-2033) & (M USD)
Table 148. Middle East and Africa Buck Regulator Chip Sales Forecast by Country (2026-2033) & (Units)
Table 149. Middle East and Africa Buck Regulator Chip Market Size Forecast by Country (2026-2033) & (M USD)
Table 150. Global Buck Regulator Chip Sales Forecast by Type (2026-2033) & (K Units)
Table 151. Global Buck Regulator Chip Market Size Forecast by Type (2026-2033) & (M USD)
Table 152. Global Buck Regulator Chip Price Forecast by Type (2026-2033) & (USD/Unit)
Table 153. Global Buck Regulator Chip Sales (K Units) Forecast by Application (2026-2033)

Table 154. Global Buck Regulator Chip Market Size Forecast by Application (2026-2033) & (M USD)

List of Figures

Figure 1. Product Picture of Buck Regulator Chip

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Buck Regulator Chip Market Size (M USD), 2024-2033

Figure 5. Global Buck Regulator Chip Market Size (M USD) (2020-2033)

Figure 6. Global Buck Regulator Chip Sales (K Units) & (2020-2033)

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. Buck Regulator Chip Market Size by Country (M USD)

Figure 11. Company Assessment Quadrant

Figure 12. Global Buck Regulator Chip Product Life Cycle

Figure 13. Buck Regulator Chip Sales Share by Manufacturers in 2024

Figure 14. Global Buck Regulator Chip Revenue Share by Manufacturers in 2024

Figure 15. Buck Regulator Chip Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024

Figure 16. Global Market Buck Regulator Chip Average Price (USD/Unit) of Key Manufacturers in 2024

Figure 17. The Global 5 and 10 Largest Players: Market Share by Buck Regulator Chip Revenue in 2024

Figure 18. Industry Chain Map of Buck Regulator Chip

Figure 19. Global Buck Regulator Chip Market PEST Analysis

Figure 20. Global Buck Regulator Chip 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 Buck Regulator Chip Market Share by Type

Figure 27. Sales Market Share of Buck Regulator Chip by Type (2020-2025)

Figure 28. Sales Market Share of Buck Regulator Chip by Type in 2024

Figure 29. Market Size Share of Buck Regulator Chip by Type (2020-2025)

Figure 30. Market Size Share of Buck Regulator Chip by Type in 2024

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Buck Regulator Chip Market Share by Application

Figure 33. Global Buck Regulator Chip Sales Market Share by Application (2020-2025)

Figure 34. Global Buck Regulator Chip Sales Market Share by Application in 2024

Figure 35. Global Buck Regulator Chip Market Share by Application (2020-2025)

Figure 36. Global Buck Regulator Chip Market Share by Application in 2024

Figure 37. Global Buck Regulator Chip Sales Growth Rate by Application (2020-2025)

Figure 38. Global Buck Regulator Chip Sales Market Share by Region (2020-2025)

Figure 39. Global Buck Regulator Chip Market Size Market Share by Region
(2020-2025)

Figure 40. North America Buck Regulator Chip Sales and Growth Rate (2020-2025) &
(K Units)

Figure 41. North America Buck Regulator Chip Sales and Growth Rate (2020-2025) &
(K Units)

Figure 42. North America Buck Regulator Chip Sales Market Share by Country in 2024

Figure 43. North America Buck Regulator Chip Market Size and Growth Rate
(2020-2025) & (M USD)

Figure 44. North America Buck Regulator Chip Market Size Market Share by Country in
2024

Figure 45. U.S. Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M
USD)

Figure 47. Canada Buck Regulator Chip Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Buck Regulator Chip Market Size (M USD) and Growth Rate
(2020-2025)

Figure 49. Mexico Buck Regulator Chip Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Buck Regulator Chip Market Size (Units) and Growth Rate
(2020-2025)

Figure 51. Europe Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Buck Regulator Chip Sales Market Share by Country in 2024

Figure 53. Europe Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M
USD)

Figure 54. Europe Buck Regulator Chip Market Size Market Share by Country in 2024

Figure 55. Germany Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K
Units)

Figure 56. Germany Buck Regulator Chip Market Size and Growth Rate (2020-2025) &
(M USD)

Figure 57. France Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M
USD)

Figure 59. U.K. Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M

USD)

Figure 61. Italy Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Buck Regulator Chip Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Buck Regulator Chip Sales Market Share by Region in 2024

Figure 67. Asia Pacific Buck Regulator Chip Market Size Market Share by Region in 2024

Figure 68. China Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Buck Regulator Chip Sales and Growth Rate (K Units)

Figure 79. South America Buck Regulator Chip Sales Market Share by Country in 2024

Figure 80. South America Buck Regulator Chip Market Size and Growth Rate (M USD)

Figure 81. South America Buck Regulator Chip Market Size Market Share by Country in 2024

Figure 82. Brazil Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Buck Regulator Chip Market Size and Growth Rate (2020-2025) &

(M USD)

Figure 86. Columbia Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Buck Regulator Chip Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Buck Regulator Chip Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Buck Regulator Chip Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Buck Regulator Chip Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Buck Regulator Chip Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Buck Regulator Chip Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Buck Regulator Chip Production Market Share by Region (2020-2025)

Figure 103. North America Buck Regulator Chip Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Buck Regulator Chip Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Buck Regulator Chip Production (K Units) Growth Rate (2020-2025)

Figure 106. China Buck Regulator Chip Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Buck Regulator Chip Sales Forecast by Volume (2020-2033) & (K Units)

Figure 108. Global Buck Regulator Chip Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Buck Regulator Chip Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Buck Regulator Chip Market Share Forecast by Type (2026-2033)

Figure 111. Global Buck Regulator Chip Sales Forecast by Application (2026-2033)

Figure 112. Global Buck Regulator Chip Market Share Forecast by Application (2026-2033)

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