

# Global Synchronous Rectification Buck Converter Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G86895E8D347EN.html>

Date: November 2023

Pages: 112

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

ID: G86895E8D347EN

## Abstracts

According to our (Global Info Research) latest study, the global Synchronous Rectification Buck Converter market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

A synchronous rectification buck converter is a power converter used to step down a high voltage to a lower voltage. It is a switching power supply topology commonly used for power management and power conversion in electronic equipment. Synchronous rectification buck converters operate similarly to non-synchronous buck converters, but a synchronous rectifier is introduced in place of the traditional freewheeling diode. Synchronous rectifiers are usually composed of MOSFET switching tubes and work in conjunction with the main switching tube. When the main switch is turned off, the synchronous rectifier is turned on, transferring the energy stored in the inductor to the output capacitor; when the main switch is turned on, the synchronous rectifier is turned off to prevent reverse current from flowing into the power supply.

The Global Info Research report includes an overview of the development of the Synchronous Rectification Buck Converter industry chain, the market status of Communications Industry (Synchronous Rectification Buck Converter Based on DCM, Synchronous Rectification Buck Converter Based on CCM), Automobile Industry (Synchronous Rectification Buck Converter Based on DCM, Synchronous Rectification Buck Converter Based on CCM), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Synchronous Rectification Buck Converter.

Regionally, the report analyzes the Synchronous Rectification Buck Converter markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Synchronous Rectification Buck Converter market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Synchronous Rectification Buck Converter market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Synchronous Rectification Buck Converter industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Synchronous Rectification Buck Converter Based on DCM, Synchronous Rectification Buck Converter Based on CCM).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Synchronous Rectification Buck Converter market.

**Regional Analysis:** The report involves examining the Synchronous Rectification Buck Converter market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Synchronous Rectification Buck Converter market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Synchronous Rectification Buck Converter:

**Company Analysis:** Report covers individual Synchronous Rectification Buck Converter manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Synchronous Rectification Buck Converter. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Communications Industry, Automobile Industry).

**Technology Analysis:** Report covers specific technologies relevant to Synchronous Rectification Buck Converter. It assesses the current state, advancements, and potential future developments in Synchronous Rectification Buck Converter areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Synchronous Rectification Buck Converter market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

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

## Market Segmentation

Synchronous Rectification Buck Converter market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Synchronous Rectification Buck Converter Based on DCM

Synchronous Rectification Buck Converter Based on CCM

QR Based Synchronous Rectification Buck Converter

Synchronous Rectification Buck Converter Based on LLC

## Synchronous Rectification Buck Converter Based on ZVS

### Market segment by Application

Communications Industry

Automobile Industry

Medical Industry

New Energy Industry

Others

### Major players covered

Texas Instruments

ON Semiconductor

Infineon Technologies

Analog Devices

STMicroelectronics

Maxim Integrated

Monolithic Power Systems

Richtek Technology

Diodes Incorporated

Silergy Corp

MPS Industries

Torex Semiconductor

Semtech Corporation

Cypress Semiconductor

ROHM Semiconductor

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

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

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

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

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

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

Chapter 1, to describe Synchronous Rectification Buck Converter product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Synchronous Rectification Buck Converter, with price, sales, revenue and global market share of Synchronous Rectification Buck Converter from 2018 to 2023.

Chapter 3, the Synchronous Rectification Buck Converter competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Synchronous Rectification Buck Converter breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions,

from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Synchronous Rectification Buck Converter market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

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 Synchronous Rectification Buck Converter.

Chapter 14 and 15, to describe Synchronous Rectification Buck Converter sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Synchronous Rectification Buck Converter
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Synchronous Rectification Buck Converter Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Synchronous Rectification Buck Converter Based on DCM
  - 1.3.3 Synchronous Rectification Buck Converter Based on CCM
  - 1.3.4 QR Based Synchronous Rectification Buck Converter
  - 1.3.5 Synchronous Rectification Buck Converter Based on LLC
  - 1.3.6 Synchronous Rectification Buck Converter Based on ZVS
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Synchronous Rectification Buck Converter Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Communications Industry
  - 1.4.3 Automobile Industry
  - 1.4.4 Medical Industry
  - 1.4.5 New Energy Industry
  - 1.4.6 Others
- 1.5 Global Synchronous Rectification Buck Converter Market Size & Forecast
  - 1.5.1 Global Synchronous Rectification Buck Converter Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global Synchronous Rectification Buck Converter Sales Quantity (2018-2029)
  - 1.5.3 Global Synchronous Rectification Buck Converter Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 Texas Instruments
  - 2.1.1 Texas Instruments Details
  - 2.1.2 Texas Instruments Major Business
  - 2.1.3 Texas Instruments Synchronous Rectification Buck Converter Product and Services
  - 2.1.4 Texas Instruments Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Texas Instruments Recent Developments/Updates
- 2.2 ON Semiconductor

- 2.2.1 ON Semiconductor Details
- 2.2.2 ON Semiconductor Major Business
- 2.2.3 ON Semiconductor Synchronous Rectification Buck Converter Product and Services
- 2.2.4 ON Semiconductor Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 ON Semiconductor Recent Developments/Updates
- 2.3 Infineon Technologies
  - 2.3.1 Infineon Technologies Details
  - 2.3.2 Infineon Technologies Major Business
  - 2.3.3 Infineon Technologies Synchronous Rectification Buck Converter Product and Services
  - 2.3.4 Infineon Technologies Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 Infineon Technologies Recent Developments/Updates
- 2.4 Analog Devices
  - 2.4.1 Analog Devices Details
  - 2.4.2 Analog Devices Major Business
  - 2.4.3 Analog Devices Synchronous Rectification Buck Converter Product and Services
  - 2.4.4 Analog Devices Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 Analog Devices Recent Developments/Updates
- 2.5 STMicroelectronics
  - 2.5.1 STMicroelectronics Details
  - 2.5.2 STMicroelectronics Major Business
  - 2.5.3 STMicroelectronics Synchronous Rectification Buck Converter Product and Services
  - 2.5.4 STMicroelectronics Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 STMicroelectronics Recent Developments/Updates
- 2.6 Maxim Integrated
  - 2.6.1 Maxim Integrated Details
  - 2.6.2 Maxim Integrated Major Business
  - 2.6.3 Maxim Integrated Synchronous Rectification Buck Converter Product and Services
  - 2.6.4 Maxim Integrated Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 Maxim Integrated Recent Developments/Updates
- 2.7 Monolithic Power Systems



- 2.7.1 Monolithic Power Systems Details
- 2.7.2 Monolithic Power Systems Major Business
- 2.7.3 Monolithic Power Systems Synchronous Rectification Buck Converter Product and Services
- 2.7.4 Monolithic Power Systems Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.7.5 Monolithic Power Systems Recent Developments/Updates
- 2.8 Richtek Technology
  - 2.8.1 Richtek Technology Details
  - 2.8.2 Richtek Technology Major Business
  - 2.8.3 Richtek Technology Synchronous Rectification Buck Converter Product and Services
  - 2.8.4 Richtek Technology Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.8.5 Richtek Technology Recent Developments/Updates
- 2.9 Diodes Incorporated
  - 2.9.1 Diodes Incorporated Details
  - 2.9.2 Diodes Incorporated Major Business
  - 2.9.3 Diodes Incorporated Synchronous Rectification Buck Converter Product and Services
  - 2.9.4 Diodes Incorporated Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.9.5 Diodes Incorporated Recent Developments/Updates
- 2.10 Silergy Corp
  - 2.10.1 Silergy Corp Details
  - 2.10.2 Silergy Corp Major Business
  - 2.10.3 Silergy Corp Synchronous Rectification Buck Converter Product and Services
  - 2.10.4 Silergy Corp Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.10.5 Silergy Corp Recent Developments/Updates
- 2.11 MPS Industries
  - 2.11.1 MPS Industries Details
  - 2.11.2 MPS Industries Major Business
  - 2.11.3 MPS Industries Synchronous Rectification Buck Converter Product and Services
  - 2.11.4 MPS Industries Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.11.5 MPS Industries Recent Developments/Updates
- 2.12 Torex Semiconductor

- 2.12.1 Torex Semiconductor Details
- 2.12.2 Torex Semiconductor Major Business
- 2.12.3 Torex Semiconductor Synchronous Rectification Buck Converter Product and Services
- 2.12.4 Torex Semiconductor Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.12.5 Torex Semiconductor Recent Developments/Updates
- 2.13 Semtech Corporation
  - 2.13.1 Semtech Corporation Details
  - 2.13.2 Semtech Corporation Major Business
  - 2.13.3 Semtech Corporation Synchronous Rectification Buck Converter Product and Services
  - 2.13.4 Semtech Corporation Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.13.5 Semtech Corporation Recent Developments/Updates
- 2.14 Cypress Semiconductor
  - 2.14.1 Cypress Semiconductor Details
  - 2.14.2 Cypress Semiconductor Major Business
  - 2.14.3 Cypress Semiconductor Synchronous Rectification Buck Converter Product and Services
  - 2.14.4 Cypress Semiconductor Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.14.5 Cypress Semiconductor Recent Developments/Updates
- 2.15 ROHM Semiconductor
  - 2.15.1 ROHM Semiconductor Details
  - 2.15.2 ROHM Semiconductor Major Business
  - 2.15.3 ROHM Semiconductor Synchronous Rectification Buck Converter Product and Services
  - 2.15.4 ROHM Semiconductor Synchronous Rectification Buck Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.15.5 ROHM Semiconductor Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: SYNCHRONOUS RECTIFICATION BUCK CONVERTER BY MANUFACTURER**

- 3.1 Global Synchronous Rectification Buck Converter Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Synchronous Rectification Buck Converter Revenue by Manufacturer (2018-2023)

3.3 Global Synchronous Rectification Buck Converter Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Synchronous Rectification Buck Converter by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Synchronous Rectification Buck Converter Manufacturer Market Share in 2022

3.4.2 Top 6 Synchronous Rectification Buck Converter Manufacturer Market Share in 2022

3.5 Synchronous Rectification Buck Converter Market: Overall Company Footprint Analysis

3.5.1 Synchronous Rectification Buck Converter Market: Region Footprint

3.5.2 Synchronous Rectification Buck Converter Market: Company Product Type Footprint

3.5.3 Synchronous Rectification Buck Converter 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 Synchronous Rectification Buck Converter Market Size by Region

4.1.1 Global Synchronous Rectification Buck Converter Sales Quantity by Region (2018-2029)

4.1.2 Global Synchronous Rectification Buck Converter Consumption Value by Region (2018-2029)

4.1.3 Global Synchronous Rectification Buck Converter Average Price by Region (2018-2029)

4.2 North America Synchronous Rectification Buck Converter Consumption Value (2018-2029)

4.3 Europe Synchronous Rectification Buck Converter Consumption Value (2018-2029)

4.4 Asia-Pacific Synchronous Rectification Buck Converter Consumption Value (2018-2029)

4.5 South America Synchronous Rectification Buck Converter Consumption Value (2018-2029)

4.6 Middle East and Africa Synchronous Rectification Buck Converter Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2029)

5.2 Global Synchronous Rectification Buck Converter Consumption Value by Type (2018-2029)

5.3 Global Synchronous Rectification Buck Converter Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2029)

6.2 Global Synchronous Rectification Buck Converter Consumption Value by Application (2018-2029)

6.3 Global Synchronous Rectification Buck Converter Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

7.1 North America Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2029)

7.2 North America Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2029)

7.3 North America Synchronous Rectification Buck Converter Market Size by Country

7.3.1 North America Synchronous Rectification Buck Converter Sales Quantity by Country (2018-2029)

7.3.2 North America Synchronous Rectification Buck Converter Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

8.1 Europe Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2029)

8.2 Europe Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2029)

8.3 Europe Synchronous Rectification Buck Converter Market Size by Country

8.3.1 Europe Synchronous Rectification Buck Converter Sales Quantity by Country (2018-2029)

8.3.2 Europe Synchronous Rectification Buck Converter Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Synchronous Rectification Buck Converter Market Size by Region

9.3.1 Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Synchronous Rectification Buck Converter Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2029)

10.2 South America Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2029)

10.3 South America Synchronous Rectification Buck Converter Market Size by Country

10.3.1 South America Synchronous Rectification Buck Converter Sales Quantity by Country (2018-2029)

10.3.2 South America Synchronous Rectification Buck Converter Consumption Value by Country (2018-2029)

- 10.3.3 Brazil Market Size and Forecast (2018-2029)
- 10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Synchronous Rectification Buck Converter Market Size by Country
  - 11.3.1 Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity by Country (2018-2029)
  - 11.3.2 Middle East & Africa Synchronous Rectification Buck Converter Consumption Value by Country (2018-2029)
  - 11.3.3 Turkey Market Size and Forecast (2018-2029)
  - 11.3.4 Egypt Market Size and Forecast (2018-2029)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
  - 11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

- 12.1 Synchronous Rectification Buck Converter Market Drivers
- 12.2 Synchronous Rectification Buck Converter Market Restraints
- 12.3 Synchronous Rectification Buck Converter 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 Synchronous Rectification Buck Converter and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Synchronous Rectification Buck Converter
- 13.3 Synchronous Rectification Buck Converter Production Process
- 13.4 Synchronous Rectification Buck Converter Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

### 14.1 Sales Channel

#### 14.1.1 Direct to End-User

#### 14.1.2 Distributors

### 14.2 Synchronous Rectification Buck Converter Typical Distributors

### 14.3 Synchronous Rectification Buck Converter 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 Synchronous Rectification Buck Converter Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Synchronous Rectification Buck Converter Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 4. Texas Instruments Major Business

Table 5. Texas Instruments Synchronous Rectification Buck Converter Product and Services

Table 6. Texas Instruments Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Texas Instruments Recent Developments/Updates

Table 8. ON Semiconductor Basic Information, Manufacturing Base and Competitors

Table 9. ON Semiconductor Major Business

Table 10. ON Semiconductor Synchronous Rectification Buck Converter Product and Services

Table 11. ON Semiconductor Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. ON Semiconductor Recent Developments/Updates

Table 13. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 14. Infineon Technologies Major Business

Table 15. Infineon Technologies Synchronous Rectification Buck Converter Product and Services

Table 16. Infineon Technologies Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Infineon Technologies Recent Developments/Updates

Table 18. Analog Devices Basic Information, Manufacturing Base and Competitors

Table 19. Analog Devices Major Business

Table 20. Analog Devices Synchronous Rectification Buck Converter Product and Services

Table 21. Analog Devices Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market



Share (2018-2023)

Table 22. Analog Devices Recent Developments/Updates

Table 23. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 24. STMicroelectronics Major Business

Table 25. STMicroelectronics Synchronous Rectification Buck Converter Product and Services

Table 26. STMicroelectronics Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. STMicroelectronics Recent Developments/Updates

Table 28. Maxim Integrated Basic Information, Manufacturing Base and Competitors

Table 29. Maxim Integrated Major Business

Table 30. Maxim Integrated Synchronous Rectification Buck Converter Product and Services

Table 31. Maxim Integrated Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Maxim Integrated Recent Developments/Updates

Table 33. Monolithic Power Systems Basic Information, Manufacturing Base and Competitors

Table 34. Monolithic Power Systems Major Business

Table 35. Monolithic Power Systems Synchronous Rectification Buck Converter Product and Services

Table 36. Monolithic Power Systems Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Monolithic Power Systems Recent Developments/Updates

Table 38. Richtek Technology Basic Information, Manufacturing Base and Competitors

Table 39. Richtek Technology Major Business

Table 40. Richtek Technology Synchronous Rectification Buck Converter Product and Services

Table 41. Richtek Technology Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Richtek Technology Recent Developments/Updates

Table 43. Diodes Incorporated Basic Information, Manufacturing Base and Competitors

Table 44. Diodes Incorporated Major Business

Table 45. Diodes Incorporated Synchronous Rectification Buck Converter Product and Services

Table 46. Diodes Incorporated Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Diodes Incorporated Recent Developments/Updates

Table 48. Silergy Corp Basic Information, Manufacturing Base and Competitors

Table 49. Silergy Corp Major Business

Table 50. Silergy Corp Synchronous Rectification Buck Converter Product and Services

Table 51. Silergy Corp Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Silergy Corp Recent Developments/Updates

Table 53. MPS Industries Basic Information, Manufacturing Base and Competitors

Table 54. MPS Industries Major Business

Table 55. MPS Industries Synchronous Rectification Buck Converter Product and Services

Table 56. MPS Industries Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. MPS Industries Recent Developments/Updates

Table 58. Torex Semiconductor Basic Information, Manufacturing Base and Competitors

Table 59. Torex Semiconductor Major Business

Table 60. Torex Semiconductor Synchronous Rectification Buck Converter Product and Services

Table 61. Torex Semiconductor Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Torex Semiconductor Recent Developments/Updates

Table 63. Semtech Corporation Basic Information, Manufacturing Base and Competitors

Table 64. Semtech Corporation Major Business

Table 65. Semtech Corporation Synchronous Rectification Buck Converter Product and Services

Table 66. Semtech Corporation Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Semtech Corporation Recent Developments/Updates

Table 68. Cypress Semiconductor Basic Information, Manufacturing Base and Competitors

Table 69. Cypress Semiconductor Major Business

Table 70. Cypress Semiconductor Synchronous Rectification Buck Converter Product and Services

Table 71. Cypress Semiconductor Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Cypress Semiconductor Recent Developments/Updates

Table 73. ROHM Semiconductor Basic Information, Manufacturing Base and Competitors

Table 74. ROHM Semiconductor Major Business

Table 75. ROHM Semiconductor Synchronous Rectification Buck Converter Product and Services

Table 76. ROHM Semiconductor Synchronous Rectification Buck Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. ROHM Semiconductor Recent Developments/Updates

Table 78. Global Synchronous Rectification Buck Converter Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 79. Global Synchronous Rectification Buck Converter Revenue by Manufacturer (2018-2023) & (USD Million)

Table 80. Global Synchronous Rectification Buck Converter Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 81. Market Position of Manufacturers in Synchronous Rectification Buck Converter, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 82. Head Office and Synchronous Rectification Buck Converter Production Site of Key Manufacturer

Table 83. Synchronous Rectification Buck Converter Market: Company Product Type Footprint

Table 84. Synchronous Rectification Buck Converter Market: Company Product Application Footprint

Table 85. Synchronous Rectification Buck Converter New Market Entrants and Barriers to Market Entry

Table 86. Synchronous Rectification Buck Converter Mergers, Acquisition, Agreements, and Collaborations

Table 87. Global Synchronous Rectification Buck Converter Sales Quantity by Region (2018-2023) & (K Units)

Table 88. Global Synchronous Rectification Buck Converter Sales Quantity by Region (2024-2029) & (K Units)

Table 89. Global Synchronous Rectification Buck Converter Consumption Value by Region (2018-2023) & (USD Million)

Table 90. Global Synchronous Rectification Buck Converter Consumption Value by Region (2024-2029) & (USD Million)

Table 91. Global Synchronous Rectification Buck Converter Average Price by Region (2018-2023) & (US\$/Unit)

Table 92. Global Synchronous Rectification Buck Converter Average Price by Region (2024-2029) & (US\$/Unit)

Table 93. Global Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2023) & (K Units)

Table 94. Global Synchronous Rectification Buck Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 95. Global Synchronous Rectification Buck Converter Consumption Value by Type (2018-2023) & (USD Million)

Table 96. Global Synchronous Rectification Buck Converter Consumption Value by Type (2024-2029) & (USD Million)

Table 97. Global Synchronous Rectification Buck Converter Average Price by Type (2018-2023) & (US\$/Unit)

Table 98. Global Synchronous Rectification Buck Converter Average Price by Type (2024-2029) & (US\$/Unit)

Table 99. Global Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 100. Global Synchronous Rectification Buck Converter Sales Quantity by Application (2024-2029) & (K Units)

Table 101. Global Synchronous Rectification Buck Converter Consumption Value by Application (2018-2023) & (USD Million)

Table 102. Global Synchronous Rectification Buck Converter Consumption Value by Application (2024-2029) & (USD Million)

Table 103. Global Synchronous Rectification Buck Converter Average Price by Application (2018-2023) & (US\$/Unit)

Table 104. Global Synchronous Rectification Buck Converter Average Price by Application (2024-2029) & (US\$/Unit)

Table 105. North America Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2023) & (K Units)

Table 106. North America Synchronous Rectification Buck Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 107. North America Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 108. North America Synchronous Rectification Buck Converter Sales Quantity by Application (2024-2029) & (K Units)

Table 109. North America Synchronous Rectification Buck Converter Sales Quantity by

Country (2018-2023) & (K Units)

Table 110. North America Synchronous Rectification Buck Converter Sales Quantity by Country (2024-2029) & (K Units)

Table 111. North America Synchronous Rectification Buck Converter Consumption Value by Country (2018-2023) & (USD Million)

Table 112. North America Synchronous Rectification Buck Converter Consumption Value by Country (2024-2029) & (USD Million)

Table 113. Europe Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2023) & (K Units)

Table 114. Europe Synchronous Rectification Buck Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 115. Europe Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 116. Europe Synchronous Rectification Buck Converter Sales Quantity by Application (2024-2029) & (K Units)

Table 117. Europe Synchronous Rectification Buck Converter Sales Quantity by Country (2018-2023) & (K Units)

Table 118. Europe Synchronous Rectification Buck Converter Sales Quantity by Country (2024-2029) & (K Units)

Table 119. Europe Synchronous Rectification Buck Converter Consumption Value by Country (2018-2023) & (USD Million)

Table 120. Europe Synchronous Rectification Buck Converter Consumption Value by Country (2024-2029) & (USD Million)

Table 121. Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2023) & (K Units)

Table 122. Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 123. Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 124. Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity by Application (2024-2029) & (K Units)

Table 125. Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity by Region (2018-2023) & (K Units)

Table 126. Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity by Region (2024-2029) & (K Units)

Table 127. Asia-Pacific Synchronous Rectification Buck Converter Consumption Value by Region (2018-2023) & (USD Million)

Table 128. Asia-Pacific Synchronous Rectification Buck Converter Consumption Value by Region (2024-2029) & (USD Million)



Table 129. South America Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2023) & (K Units)

Table 130. South America Synchronous Rectification Buck Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 131. South America Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 132. South America Synchronous Rectification Buck Converter Sales Quantity by Application (2024-2029) & (K Units)

Table 133. South America Synchronous Rectification Buck Converter Sales Quantity by Country (2018-2023) & (K Units)

Table 134. South America Synchronous Rectification Buck Converter Sales Quantity by Country (2024-2029) & (K Units)

Table 135. South America Synchronous Rectification Buck Converter Consumption Value by Country (2018-2023) & (USD Million)

Table 136. South America Synchronous Rectification Buck Converter Consumption Value by Country (2024-2029) & (USD Million)

Table 137. Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity by Type (2018-2023) & (K Units)

Table 138. Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 139. Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 140. Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity by Application (2024-2029) & (K Units)

Table 141. Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity by Region (2018-2023) & (K Units)

Table 142. Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity by Region (2024-2029) & (K Units)

Table 143. Middle East & Africa Synchronous Rectification Buck Converter Consumption Value by Region (2018-2023) & (USD Million)

Table 144. Middle East & Africa Synchronous Rectification Buck Converter Consumption Value by Region (2024-2029) & (USD Million)

Table 145. Synchronous Rectification Buck Converter Raw Material

Table 146. Key Manufacturers of Synchronous Rectification Buck Converter Raw Materials

Table 147. Synchronous Rectification Buck Converter Typical Distributors

Table 148. Synchronous Rectification Buck Converter Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Synchronous Rectification Buck Converter Picture
- Figure 2. Global Synchronous Rectification Buck Converter Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Synchronous Rectification Buck Converter Consumption Value Market Share by Type in 2022
- Figure 4. Synchronous Rectification Buck Converter Based on DCM Examples
- Figure 5. Synchronous Rectification Buck Converter Based on CCM Examples
- Figure 6. QR Based Synchronous Rectification Buck Converter Examples
- Figure 7. Synchronous Rectification Buck Converter Based on LLC Examples
- Figure 8. Synchronous Rectification Buck Converter Based on ZVS Examples
- Figure 9. Global Synchronous Rectification Buck Converter Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 10. Global Synchronous Rectification Buck Converter Consumption Value Market Share by Application in 2022
- Figure 11. Communications Industry Examples
- Figure 12. Automobile Industry Examples
- Figure 13. Medical Industry Examples
- Figure 14. New Energy Industry Examples
- Figure 15. Others Examples
- Figure 16. Global Synchronous Rectification Buck Converter Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 17. Global Synchronous Rectification Buck Converter Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 18. Global Synchronous Rectification Buck Converter Sales Quantity (2018-2029) & (K Units)
- Figure 19. Global Synchronous Rectification Buck Converter Average Price (2018-2029) & (US\$/Unit)
- Figure 20. Global Synchronous Rectification Buck Converter Sales Quantity Market Share by Manufacturer in 2022
- Figure 21. Global Synchronous Rectification Buck Converter Consumption Value Market Share by Manufacturer in 2022
- Figure 22. Producer Shipments of Synchronous Rectification Buck Converter by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 23. Top 3 Synchronous Rectification Buck Converter Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Top 6 Synchronous Rectification Buck Converter Manufacturer (Consumption Value) Market Share in 2022

Figure 25. Global Synchronous Rectification Buck Converter Sales Quantity Market Share by Region (2018-2029)

Figure 26. Global Synchronous Rectification Buck Converter Consumption Value Market Share by Region (2018-2029)

Figure 27. North America Synchronous Rectification Buck Converter Consumption Value (2018-2029) & (USD Million)

Figure 28. Europe Synchronous Rectification Buck Converter Consumption Value (2018-2029) & (USD Million)

Figure 29. Asia-Pacific Synchronous Rectification Buck Converter Consumption Value (2018-2029) & (USD Million)

Figure 30. South America Synchronous Rectification Buck Converter Consumption Value (2018-2029) & (USD Million)

Figure 31. Middle East & Africa Synchronous Rectification Buck Converter Consumption Value (2018-2029) & (USD Million)

Figure 32. Global Synchronous Rectification Buck Converter Sales Quantity Market Share by Type (2018-2029)

Figure 33. Global Synchronous Rectification Buck Converter Consumption Value Market Share by Type (2018-2029)

Figure 34. Global Synchronous Rectification Buck Converter Average Price by Type (2018-2029) & (US\$/Unit)

Figure 35. Global Synchronous Rectification Buck Converter Sales Quantity Market Share by Application (2018-2029)

Figure 36. Global Synchronous Rectification Buck Converter Consumption Value Market Share by Application (2018-2029)

Figure 37. Global Synchronous Rectification Buck Converter Average Price by Application (2018-2029) & (US\$/Unit)

Figure 38. North America Synchronous Rectification Buck Converter Sales Quantity Market Share by Type (2018-2029)

Figure 39. North America Synchronous Rectification Buck Converter Sales Quantity Market Share by Application (2018-2029)

Figure 40. North America Synchronous Rectification Buck Converter Sales Quantity Market Share by Country (2018-2029)

Figure 41. North America Synchronous Rectification Buck Converter Consumption Value Market Share by Country (2018-2029)

Figure 42. United States Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Canada Synchronous Rectification Buck Converter Consumption Value and



Growth Rate (2018-2029) & (USD Million)

Figure 44. Mexico Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. Europe Synchronous Rectification Buck Converter Sales Quantity Market Share by Type (2018-2029)

Figure 46. Europe Synchronous Rectification Buck Converter Sales Quantity Market Share by Application (2018-2029)

Figure 47. Europe Synchronous Rectification Buck Converter Sales Quantity Market Share by Country (2018-2029)

Figure 48. Europe Synchronous Rectification Buck Converter Consumption Value Market Share by Country (2018-2029)

Figure 49. Germany Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. France Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. United Kingdom Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Russia Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Italy Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity Market Share by Type (2018-2029)

Figure 55. Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity Market Share by Application (2018-2029)

Figure 56. Asia-Pacific Synchronous Rectification Buck Converter Sales Quantity Market Share by Region (2018-2029)

Figure 57. Asia-Pacific Synchronous Rectification Buck Converter Consumption Value Market Share by Region (2018-2029)

Figure 58. China Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Japan Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Korea Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. India Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Southeast Asia Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

- Figure 63. Australia Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 64. South America Synchronous Rectification Buck Converter Sales Quantity Market Share by Type (2018-2029)
- Figure 65. South America Synchronous Rectification Buck Converter Sales Quantity Market Share by Application (2018-2029)
- Figure 66. South America Synchronous Rectification Buck Converter Sales Quantity Market Share by Country (2018-2029)
- Figure 67. South America Synchronous Rectification Buck Converter Consumption Value Market Share by Country (2018-2029)
- Figure 68. Brazil Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 69. Argentina Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 70. Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity Market Share by Type (2018-2029)
- Figure 71. Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity Market Share by Application (2018-2029)
- Figure 72. Middle East & Africa Synchronous Rectification Buck Converter Sales Quantity Market Share by Region (2018-2029)
- Figure 73. Middle East & Africa Synchronous Rectification Buck Converter Consumption Value Market Share by Region (2018-2029)
- Figure 74. Turkey Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 75. Egypt Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 76. Saudi Arabia Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 77. South Africa Synchronous Rectification Buck Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 78. Synchronous Rectification Buck Converter Market Drivers
- Figure 79. Synchronous Rectification Buck Converter Market Restraints
- Figure 80. Synchronous Rectification Buck Converter Market Trends
- Figure 81. Porters Five Forces Analysis
- Figure 82. Manufacturing Cost Structure Analysis of Synchronous Rectification Buck Converter in 2022
- Figure 83. Manufacturing Process Analysis of Synchronous Rectification Buck Converter
- Figure 84. Synchronous Rectification Buck Converter Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

## I would like to order

Product name: Global Synchronous Rectification Buck Converter Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G86895E8D347EN.html>

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

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

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

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G86895E8D347EN.html>

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

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

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

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

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

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

