

# Global AI Server Power ICs Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/A8A34301AA42EN.html>

Date: May 2025

Pages: 153

Price: US\$ 3,200.00 (Single User License)

ID: A8A34301AA42EN

## Abstracts

### Report Overview

AI Server Power ICs (Integrated Circuits) are specialized semiconductor devices designed to manage and regulate the power supply within servers used for artificial intelligence (AI) applications. These power ICs ensure efficient power distribution and conversion, maintaining stable voltage and current levels to support the high computational demands of AI workloads. They are critical for optimizing energy consumption, enhancing performance, and ensuring the reliability of AI servers, which often operate in data centers with substantial power requirements. AI Server Power ICs incorporate advanced features such as high efficiency, fast transient response, and thermal management to handle the intensive processing tasks typical in AI operations, thus enabling robust and scalable AI infrastructure.

This report provides a deep insight into the global AI Server Power ICs 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 AI Server Power ICs 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 AI Server Power ICs market in any manner.

### Global AI Server Power ICs 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**

Texas Instruments  
Analog Devices  
Infineon Technologies  
onsemi  
MPS  
Renesas Electronics  
JOULWATT  
Bright Power Semiconductor

#### **Market Segmentation (by Type)**

DrMOS  
Multiphase Controller  
Others

#### **Market Segmentation (by Application)**

General Purpose Server  
AI Server

#### **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 AI Server Power ICs Market

Overview of the regional outlook of the AI Server Power ICs Market:

**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 AI Server Power ICs Market and its likely evolution in the short to mid-term, and long term.

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

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

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

Chapter 6 provides the analysis of various market segments according to product types,

covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

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

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

Chapter 9 shares the main producing countries of AI Server Power ICs, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

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

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

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

### **Key Reasons to Buy this Report:**

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

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

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

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

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

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

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

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

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

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

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

Provides insight into the market through Value Chain

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

6-month post-sales analyst support

### **Customization of the Report**

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

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of AI Server Power ICs
- 1.2 Key Market Segments
  - 1.2.1 AI Server Power ICs Segment by Type
  - 1.2.2 AI Server Power ICs 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 AI SERVER POWER ICS MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global AI Server Power ICs Market Size (M USD) Estimates and Forecasts (2020-2033)
  - 2.1.2 Global AI Server Power ICs Sales Estimates and Forecasts (2020-2033)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 AI SERVER POWER ICS MARKET COMPETITIVE LANDSCAPE**

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

### **4 AI SERVER POWER ICS INDUSTRY CHAIN ANALYSIS**

- 4.1 AI Server Power ICs 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 AI SERVER POWER ICS 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 AI Server Power ICs Market Porter's Five Forces Analysis
  - 5.6.1 Global Trade Frictions
  - 5.6.2 U.S. Tariff Policy ? April 2025
  - 5.6.3 Global Trade Frictions and Their Impacts to AI Server Power ICs Market
- 5.7 ESG Ratings of Leading Companies

## **6 AI SERVER POWER ICS MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global AI Server Power ICs Sales Market Share by Type (2020-2025)
- 6.3 Global AI Server Power ICs Market Size Market Share by Type (2020-2025)
- 6.4 Global AI Server Power ICs Price by Type (2020-2025)

## **7 AI SERVER POWER ICS MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global AI Server Power ICs Market Sales by Application (2020-2025)
- 7.3 Global AI Server Power ICs Market Size (M USD) by Application (2020-2025)

## 7.4 Global AI Server Power ICs Sales Growth Rate by Application (2020-2025)

# **8 AI SERVER POWER ICs MARKET SALES BY REGION**

## 8.1 Global AI Server Power ICs Sales by Region

### 8.1.1 Global AI Server Power ICs Sales by Region

### 8.1.2 Global AI Server Power ICs Sales Market Share by Region

## 8.2 Global AI Server Power ICs Market Size by Region

### 8.2.1 Global AI Server Power ICs Market Size by Region

### 8.2.2 Global AI Server Power ICs Market Size Market Share by Region

## 8.3 North America

### 8.3.1 North America AI Server Power ICs Sales by Country

### 8.3.2 North America AI Server Power ICs 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 AI Server Power ICs Sales by Country

### 8.4.2 Europe AI Server Power ICs 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 AI Server Power ICs Sales by Region

### 8.5.2 Asia Pacific AI Server Power ICs 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 AI Server Power ICs Sales by Country

### 8.6.2 South America AI Server Power ICs 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 AI Server Power ICs Sales by Region
- 8.7.2 Middle East and Africa AI Server Power ICs 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 AI SERVER POWER ICs MARKET PRODUCTION BY REGION**

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

## **10 KEY COMPANIES PROFILE**

- 10.1 Texas Instruments
  - 10.1.1 Texas Instruments Basic Information
  - 10.1.2 Texas Instruments AI Server Power ICs Product Overview
  - 10.1.3 Texas Instruments AI Server Power ICs Product Market Performance
  - 10.1.4 Texas Instruments Business Overview
  - 10.1.5 Texas Instruments SWOT Analysis

- 10.1.6 Texas Instruments Recent Developments
- 10.2 Analog Devices
  - 10.2.1 Analog Devices Basic Information
  - 10.2.2 Analog Devices AI Server Power ICs Product Overview
  - 10.2.3 Analog Devices AI Server Power ICs Product Market Performance
  - 10.2.4 Analog Devices Business Overview
  - 10.2.5 Analog Devices SWOT Analysis
  - 10.2.6 Analog Devices Recent Developments
- 10.3 Infineon Technologies
  - 10.3.1 Infineon Technologies Basic Information
  - 10.3.2 Infineon Technologies AI Server Power ICs Product Overview
  - 10.3.3 Infineon Technologies AI Server Power ICs Product Market Performance
  - 10.3.4 Infineon Technologies Business Overview
  - 10.3.5 Infineon Technologies SWOT Analysis
  - 10.3.6 Infineon Technologies Recent Developments
- 10.4 onsemi
  - 10.4.1 onsemi Basic Information
  - 10.4.2 onsemi AI Server Power ICs Product Overview
  - 10.4.3 onsemi AI Server Power ICs Product Market Performance
  - 10.4.4 onsemi Business Overview
  - 10.4.5 onsemi Recent Developments
- 10.5 MPS
  - 10.5.1 MPS Basic Information
  - 10.5.2 MPS AI Server Power ICs Product Overview
  - 10.5.3 MPS AI Server Power ICs Product Market Performance
  - 10.5.4 MPS Business Overview
  - 10.5.5 MPS Recent Developments
- 10.6 Renesas Electronics
  - 10.6.1 Renesas Electronics Basic Information
  - 10.6.2 Renesas Electronics AI Server Power ICs Product Overview
  - 10.6.3 Renesas Electronics AI Server Power ICs Product Market Performance
  - 10.6.4 Renesas Electronics Business Overview
  - 10.6.5 Renesas Electronics Recent Developments
- 10.7 JOULWATT
  - 10.7.1 JOULWATT Basic Information
  - 10.7.2 JOULWATT AI Server Power ICs Product Overview
  - 10.7.3 JOULWATT AI Server Power ICs Product Market Performance
  - 10.7.4 JOULWATT Business Overview
  - 10.7.5 JOULWATT Recent Developments

## 10.8 Bright Power Semiconductor

10.8.1 Bright Power Semiconductor Basic Information

10.8.2 Bright Power Semiconductor AI Server Power ICs Product Overview

10.8.3 Bright Power Semiconductor AI Server Power ICs Product Market Performance

10.8.4 Bright Power Semiconductor Business Overview

10.8.5 Bright Power Semiconductor Recent Developments

## 11 AI SERVER POWER ICs MARKET FORECAST BY REGION

11.1 Global AI Server Power ICs Market Size Forecast

11.2 Global AI Server Power ICs Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe AI Server Power ICs Market Size Forecast by Country

11.2.3 Asia Pacific AI Server Power ICs Market Size Forecast by Region

11.2.4 South America AI Server Power ICs Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of AI Server Power ICs by Country

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

12.1 Global AI Server Power ICs Market Forecast by Type (2026-2033)

12.1.1 Global Forecasted Sales of AI Server Power ICs by Type (2026-2033)

12.1.2 Global AI Server Power ICs Market Size Forecast by Type (2026-2033)

12.1.3 Global Forecasted Price of AI Server Power ICs by Type (2026-2033)

12.2 Global AI Server Power ICs Market Forecast by Application (2026-2033)

12.2.1 Global AI Server Power ICs Sales (K Units) Forecast by Application

12.2.2 Global AI Server Power ICs Market Size (M USD) Forecast by Application (2026-2033)

## 13 CONCLUSION AND KEY FINDINGS

## List Of Tables

### LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. AI Server Power ICs Market Size Comparison by Region (M USD)
- Table 5. Global AI Server Power ICs Sales (K Units) by Manufacturers (2020-2025)
- Table 6. Global AI Server Power ICs Sales Market Share by Manufacturers (2020-2025)
- Table 7. Global AI Server Power ICs Revenue (M USD) by Manufacturers (2020-2025)
- Table 8. Global AI Server Power ICs Revenue Share by Manufacturers (2020-2025)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in AI Server Power ICs as of 2024)
- Table 10. Global Market AI Server Power ICs Average Price (USD/Unit) of Key Manufacturers (2020-2025)
- Table 11. Manufacturers? Manufacturing Sites, Areas Served
- Table 12. Manufacturers? Product Type
- Table 13. Global AI Server Power ICs 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. AI Server Power ICs 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. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 25. Global AI Server Power ICs Sales by Type (K Units)
- Table 26. Global AI Server Power ICs Market Size by Type (M USD)
- Table 27. Global AI Server Power ICs Sales (K Units) by Type (2020-2025)
- Table 28. Global AI Server Power ICs Sales Market Share by Type (2020-2025)
- Table 29. Global AI Server Power ICs Market Size (M USD) by Type (2020-2025)
- Table 30. Global AI Server Power ICs Market Size Share by Type (2020-2025)
- Table 31. Global AI Server Power ICs Price (USD/Unit) by Type (2020-2025)

- Table 32. Global AI Server Power ICs Sales (K Units) by Application
- Table 33. Global AI Server Power ICs Market Size by Application
- Table 34. Global AI Server Power ICs Sales by Application (2020-2025) & (K Units)
- Table 35. Global AI Server Power ICs Sales Market Share by Application (2020-2025)
- Table 36. Global AI Server Power ICs Market Size by Application (2020-2025) & (M USD)
- Table 37. Global AI Server Power ICs Market Share by Application (2020-2025)
- Table 38. Global AI Server Power ICs Sales Growth Rate by Application (2020-2025)
- Table 39. Global AI Server Power ICs Sales by Region (2020-2025) & (K Units)
- Table 40. Global AI Server Power ICs Sales Market Share by Region (2020-2025)
- Table 41. Global AI Server Power ICs Market Size by Region (2020-2025) & (M USD)
- Table 42. Global AI Server Power ICs Market Size Market Share by Region (2020-2025)
- Table 43. North America AI Server Power ICs Sales by Country (2020-2025) & (K Units)
- Table 44. North America AI Server Power ICs Market Size by Country (2020-2025) & (M USD)
- Table 45. Europe AI Server Power ICs Sales by Country (2020-2025) & (K Units)
- Table 46. Europe AI Server Power ICs Market Size by Country (2020-2025) & (M USD)
- Table 47. Asia Pacific AI Server Power ICs Sales by Region (2020-2025) & (K Units)
- Table 48. Asia Pacific AI Server Power ICs Market Size by Region (2020-2025) & (M USD)
- Table 49. South America AI Server Power ICs Sales by Country (2020-2025) & (K Units)
- Table 50. South America AI Server Power ICs Market Size by Country (2020-2025) & (M USD)
- Table 51. Middle East and Africa AI Server Power ICs Sales by Region (2020-2025) & (K Units)
- Table 52. Middle East and Africa AI Server Power ICs Market Size by Region (2020-2025) & (M USD)
- Table 53. Global AI Server Power ICs Production (K Units) by Region(2020-2025)
- Table 54. Global AI Server Power ICs Revenue (US\$ Million) by Region (2020-2025)
- Table 55. Global AI Server Power ICs Revenue Market Share by Region (2020-2025)
- Table 56. Global AI Server Power ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 57. North America AI Server Power ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 58. Europe AI Server Power ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 59. Japan AI Server Power ICs Production (K Units), Revenue (US\$ Million),

Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. China AI Server Power ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. Texas Instruments Basic Information

Table 62. Texas Instruments AI Server Power ICs Product Overview

Table 63. Texas Instruments AI Server Power ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 64. Texas Instruments Business Overview

Table 65. Texas Instruments SWOT Analysis

Table 66. Texas Instruments Recent Developments

Table 67. Analog Devices Basic Information

Table 68. Analog Devices AI Server Power ICs Product Overview

Table 69. Analog Devices AI Server Power ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 70. Analog Devices Business Overview

Table 71. Analog Devices SWOT Analysis

Table 72. Analog Devices Recent Developments

Table 73. Infineon Technologies Basic Information

Table 74. Infineon Technologies AI Server Power ICs Product Overview

Table 75. Infineon Technologies AI Server Power ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 76. Infineon Technologies Business Overview

Table 77. Infineon Technologies SWOT Analysis

Table 78. Infineon Technologies Recent Developments

Table 79. onsemi Basic Information

Table 80. onsemi AI Server Power ICs Product Overview

Table 81. onsemi AI Server Power ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 82. onsemi Business Overview

Table 83. onsemi Recent Developments

Table 84. MPS Basic Information

Table 85. MPS AI Server Power ICs Product Overview

Table 86. MPS AI Server Power ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 87. MPS Business Overview

Table 88. MPS Recent Developments

Table 89. Renesas Electronics Basic Information

Table 90. Renesas Electronics AI Server Power ICs Product Overview

Table 91. Renesas Electronics AI Server Power ICs Sales (K Units), Revenue (M USD),

Price (USD/Unit) and Gross Margin (2020-2025)

Table 92. Renesas Electronics Business Overview

Table 93. Renesas Electronics Recent Developments

Table 94. JOULWATT Basic Information

Table 95. JOULWATT AI Server Power ICs Product Overview

Table 96. JOULWATT AI Server Power ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 97. JOULWATT Business Overview

Table 98. JOULWATT Recent Developments

Table 99. Bright Power Semiconductor Basic Information

Table 100. Bright Power Semiconductor AI Server Power ICs Product Overview

Table 101. Bright Power Semiconductor AI Server Power ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 102. Bright Power Semiconductor Business Overview

Table 103. Bright Power Semiconductor Recent Developments

Table 104. Global AI Server Power ICs Sales Forecast by Region (2026-2033) & (K Units)

Table 105. Global AI Server Power ICs Market Size Forecast by Region (2026-2033) & (M USD)

Table 106. North America AI Server Power ICs Sales Forecast by Country (2026-2033) & (K Units)

Table 107. North America AI Server Power ICs Market Size Forecast by Country (2026-2033) & (M USD)

Table 108. Europe AI Server Power ICs Sales Forecast by Country (2026-2033) & (K Units)

Table 109. Europe AI Server Power ICs Market Size Forecast by Country (2026-2033) & (M USD)

Table 110. Asia Pacific AI Server Power ICs Sales Forecast by Region (2026-2033) & (K Units)

Table 111. Asia Pacific AI Server Power ICs Market Size Forecast by Region (2026-2033) & (M USD)

Table 112. South America AI Server Power ICs Sales Forecast by Country (2026-2033) & (K Units)

Table 113. South America AI Server Power ICs Market Size Forecast by Country (2026-2033) & (M USD)

Table 114. Middle East and Africa AI Server Power ICs Sales Forecast by Country (2026-2033) & (Units)

Table 115. Middle East and Africa AI Server Power ICs Market Size Forecast by Country (2026-2033) & (M USD)

Table 116. Global AI Server Power ICs Sales Forecast by Type (2026-2033) & (K Units)

Table 117. Global AI Server Power ICs Market Size Forecast by Type (2026-2033) & (M USD)

Table 118. Global AI Server Power ICs Price Forecast by Type (2026-2033) & (USD/Unit)

Table 119. Global AI Server Power ICs Sales (K Units) Forecast by Application (2026-2033)

Table 120. Global AI Server Power ICs Market Size Forecast by Application (2026-2033) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of AI Server Power ICs
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global AI Server Power ICs Market Size (M USD), 2024-2033
- Figure 5. Global AI Server Power ICs Market Size (M USD) (2020-2033)
- Figure 6. Global AI Server Power ICs 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. AI Server Power ICs Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global AI Server Power ICs Product Life Cycle
- Figure 13. AI Server Power ICs Sales Share by Manufacturers in 2024
- Figure 14. Global AI Server Power ICs Revenue Share by Manufacturers in 2024
- Figure 15. AI Server Power ICs Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market AI Server Power ICs Average Price (USD/Unit) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by AI Server Power ICs Revenue in 2024
- Figure 18. Industry Chain Map of AI Server Power ICs
- Figure 19. Global AI Server Power ICs Market PEST Analysis
- Figure 20. Global AI Server Power ICs 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 AI Server Power ICs Market Share by Type
- Figure 27. Sales Market Share of AI Server Power ICs by Type (2020-2025)
- Figure 28. Sales Market Share of AI Server Power ICs by Type in 2024
- Figure 29. Market Size Share of AI Server Power ICs by Type (2020-2025)
- Figure 30. Market Size Share of AI Server Power ICs by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global AI Server Power ICs Market Share by Application

- Figure 33. Global AI Server Power ICs Sales Market Share by Application (2020-2025)
- Figure 34. Global AI Server Power ICs Sales Market Share by Application in 2024
- Figure 35. Global AI Server Power ICs Market Share by Application (2020-2025)
- Figure 36. Global AI Server Power ICs Market Share by Application in 2024
- Figure 37. Global AI Server Power ICs Sales Growth Rate by Application (2020-2025)
- Figure 38. Global AI Server Power ICs Sales Market Share by Region (2020-2025)
- Figure 39. Global AI Server Power ICs Market Size Market Share by Region (2020-2025)
- Figure 40. North America AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America AI Server Power ICs Sales Market Share by Country in 2024
- Figure 43. North America AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America AI Server Power ICs Market Size Market Share by Country in 2024
- Figure 45. U.S. AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada AI Server Power ICs Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada AI Server Power ICs Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico AI Server Power ICs Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico AI Server Power ICs Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe AI Server Power ICs Sales Market Share by Country in 2024
- Figure 53. Europe AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 54. Europe AI Server Power ICs Market Size Market Share by Country in 2024
- Figure 55. Germany AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 56. Germany AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 57. France AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 58. France AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 59. U.K. AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific AI Server Power ICs Sales and Growth Rate (K Units)

Figure 66. Asia Pacific AI Server Power ICs Sales Market Share by Region in 2024

Figure 67. Asia Pacific AI Server Power ICs Market Size Market Share by Region in 2024

Figure 68. China AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America AI Server Power ICs Sales and Growth Rate (K Units)

Figure 79. South America AI Server Power ICs Sales Market Share by Country in 2024

Figure 80. South America AI Server Power ICs Market Size and Growth Rate (M USD)

Figure 81. South America AI Server Power ICs Market Size Market Share by Country in 2024

Figure 82. Brazil AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)

- Figure 85. Argentina AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 86. Columbia AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 87. Columbia AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 88. Middle East and Africa AI Server Power ICs Sales and Growth Rate (K Units)
- Figure 89. Middle East and Africa AI Server Power ICs Sales Market Share by Region in 2024
- Figure 90. Middle East and Africa AI Server Power ICs Market Size and Growth Rate (M USD)
- Figure 91. Middle East and Africa AI Server Power ICs Market Size Market Share by Region in 2024
- Figure 92. Saudi Arabia AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 93. Saudi Arabia AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 94. UAE AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 95. UAE AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 96. Egypt AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 97. Egypt AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 98. Nigeria AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 99. Nigeria AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 100. South Africa AI Server Power ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 101. South Africa AI Server Power ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 102. Global AI Server Power ICs Production Market Share by Region (2020-2025)
- Figure 103. North America AI Server Power ICs Production (K Units) Growth Rate (2020-2025)
- Figure 104. Europe AI Server Power ICs Production (K Units) Growth Rate (2020-2025)
- Figure 105. Japan AI Server Power ICs Production (K Units) Growth Rate (2020-2025)
- Figure 106. China AI Server Power ICs Production (K Units) Growth Rate (2020-2025)
- Figure 107. Global AI Server Power ICs Sales Forecast by Volume (2020-2033) & (K Units)

Figure 108. Global AI Server Power ICs Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global AI Server Power ICs Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global AI Server Power ICs Market Share Forecast by Type (2026-2033)

Figure 111. Global AI Server Power ICs Sales Forecast by Application (2026-2033)

Figure 112. Global AI Server Power ICs Market Share Forecast by Application (2026-2033)

## I would like to order

Product name: Global AI Server Power ICs Market Research Report 2025(Status and Outlook)

Product link: <https://marketpublishers.com/r/A8A34301AA42EN.html>

Price: US\$ 3,200.00 (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/A8A34301AA42EN.html>