

# Global Point of Load Power Chip Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GD32EF5D4BA5EN.html>

Date: May 2026

Pages: 123

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

ID: GD32EF5D4BA5EN

## Abstracts

According to our (Global Info Research) latest study, the global Point of Load Power Chip market size was valued at US\$ 535 million in 2025 and is forecast to a readjusted size of US\$ 805 million by 2032 with a CAGR of 5.9% during review period.

Point-of-load (POL) power chips are a type of power management integrated circuit (PMIC) used for voltage regulation near the point of load in electronic systems. These chips are typically integrated into point-of-load DC-DC converters and are core components for voltage conversion and control, converting the intermediate bus voltage in the system into a stable, low-voltage output required by devices such as processors, FPGAs, ASICs, and memory. By regulating power near the point of load, POL power chips reduce losses during power distribution and improve system efficiency. POL chips are widely used in servers, data centers, communication equipment, network equipment, and industrial electronic systems. With the increasing demand for cloud computing, artificial intelligence computing platforms, and high-performance processors, the demand for high-efficiency power management chips continues to rise. The upstream of the industry chain includes semiconductor wafer, EDA design tool, packaging substrate, and electronic component suppliers; the midstream consists of power management chip design and manufacturing companies responsible for integrating control circuits, drive circuits, and protection functions into a single chip; downstream users include power module manufacturers, server OEMs, telecommunications equipment suppliers, and industrial electronics companies?industries that require efficient and stable voltage regulation solutions. In 2025, the global production of point-of-load (POW) power management chips is estimated at approximately 416 million units, with an average market price of about US\$1.25 per unit. Due to the high added value of power management semiconductor

devices, manufacturers' gross margins are typically between 42% and 60%. Global POWER chip production capacity is projected to reach approximately 520 million units in 2025.

The point-of-load power chip market is growing steadily as modern electronic systems demand more efficient and distributed power architectures. Servers, networking equipment, and AI computing platforms require multiple low-voltage rails to power high-performance processors and memory devices. POL power chips enable localized voltage regulation and high conversion efficiency, making them essential components in advanced power management systems. Manufacturers are focusing on improving switching efficiency, reducing power losses, and integrating more functions into compact semiconductor devices. Advances in semiconductor processes and packaging technologies are also enabling higher power density and better thermal performance. In addition, the rapid expansion of cloud computing infrastructure and data centers continues to drive demand for efficient power management ICs. As electronic systems become increasingly complex, POL power chips will play a critical role in enabling stable and efficient power delivery.

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

### **Key Features:**

Global Point of Load Power Chip market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Point of Load Power Chip market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Point of Load Power Chip market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Point of Load Power Chip market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

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

To assess the growth potential for Point of Load Power Chip

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

To assess competitive factors affecting the marketplace

This report profiles key players in the global Point of Load Power Chip market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Analog Devices, Infineon Technologies, Texas Instruments, NXP Semiconductors, STMicroelectronics, Renesas Electronics, ROHM Semiconductor, Dialog Semiconductor, Microchip Technology, NAURA Technology, etc.

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

### **Market Segmentation**

Point of Load Power Chip market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single Channel

Multi-channel

## Market segment by Output Voltage Range

Ultra-Low Voltage POL IC (

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Point of Load Power Chip Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Single Channel

1.3.3 Multi-channel

1.4 Market Analysis by Output Voltage Range

1.4.1 Overview: Global Point of Load Power Chip Consumption Value by Output Voltage Range: 2021 Versus 2025 Versus 2032

1.4.2 Ultra-Low Voltage POL IC (

## List Of Tables

### LIST OF TABLES

Table 1. Global Point of Load Power Chip Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Point of Load Power Chip Consumption Value by Output Voltage Range, (USD Million), 2021 & 2025 & 2032

Table 3. Global Point of Load Power Chip Consumption Value by Output Voltage Type, (USD Million), 2021 & 2025 & 2032

Table 4. Global Point of Load Power Chip Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Analog Devices Basic Information, Manufacturing Base and Competitors

Table 6. Analog Devices Major Business

Table 7. Analog Devices Point of Load Power Chip Product and Services

Table 8. Analog Devices Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Analog Devices Recent Developments/Updates

Table 10. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 11. Infineon Technologies Major Business

Table 12. Infineon Technologies Point of Load Power Chip Product and Services

Table 13. Infineon Technologies Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Infineon Technologies Recent Developments/Updates

Table 15. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 16. Texas Instruments Major Business

Table 17. Texas Instruments Point of Load Power Chip Product and Services

Table 18. Texas Instruments Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Texas Instruments Recent Developments/Updates

Table 20. NXP Semiconductors Basic Information, Manufacturing Base and Competitors

Table 21. NXP Semiconductors Major Business

Table 22. NXP Semiconductors Point of Load Power Chip Product and Services

Table 23. NXP Semiconductors Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share

(2021-2026)

Table 24. NXP Semiconductors Recent Developments/Updates

Table 25. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 26. STMicroelectronics Major Business

Table 27. STMicroelectronics Point of Load Power Chip Product and Services

Table 28. STMicroelectronics Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. STMicroelectronics Recent Developments/Updates

Table 30. Renesas Electronics Basic Information, Manufacturing Base and Competitors

Table 31. Renesas Electronics Major Business

Table 32. Renesas Electronics Point of Load Power Chip Product and Services

Table 33. Renesas Electronics Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Renesas Electronics Recent Developments/Updates

Table 35. ROHM Semiconductor Basic Information, Manufacturing Base and Competitors

Table 36. ROHM Semiconductor Major Business

Table 37. ROHM Semiconductor Point of Load Power Chip Product and Services

Table 38. ROHM Semiconductor Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. ROHM Semiconductor Recent Developments/Updates

Table 40. Dialog Semiconductor Basic Information, Manufacturing Base and Competitors

Table 41. Dialog Semiconductor Major Business

Table 42. Dialog Semiconductor Point of Load Power Chip Product and Services

Table 43. Dialog Semiconductor Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Dialog Semiconductor Recent Developments/Updates

Table 45. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 46. Microchip Technology Major Business

Table 47. Microchip Technology Point of Load Power Chip Product and Services

Table 48. Microchip Technology Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 49. Microchip Technology Recent Developments/Updates
- Table 50. NAURA Technology Basic Information, Manufacturing Base and Competitors
- Table 51. NAURA Technology Major Business
- Table 52. NAURA Technology Point of Load Power Chip Product and Services
- Table 53. NAURA Technology Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 54. NAURA Technology Recent Developments/Updates
- Table 55. Hongce (Zhejiang) Semiconductor Co. , Ltd. Basic Information, Manufacturing Base and Competitors
- Table 56. Hongce (Zhejiang) Semiconductor Co. , Ltd. Major Business
- Table 57. Hongce (Zhejiang) Semiconductor Co. , Ltd. Point of Load Power Chip Product and Services
- Table 58. Hongce (Zhejiang) Semiconductor Co. , Ltd. Point of Load Power Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 59. Hongce (Zhejiang) Semiconductor Co. , Ltd. Recent Developments/Updates
- Table 60. Global Point of Load Power Chip Sales Quantity by Manufacturer (2021-2026) & (K Units)
- Table 61. Global Point of Load Power Chip Revenue by Manufacturer (2021-2026) & (USD Million)
- Table 62. Global Point of Load Power Chip Average Price by Manufacturer (2021-2026) & (US\$/Unit)
- Table 63. Market Position of Manufacturers in Point of Load Power Chip, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
- Table 64. Head Office and Point of Load Power Chip Production Site of Key Manufacturer
- Table 65. Point of Load Power Chip Market: Company Product Type Footprint
- Table 66. Point of Load Power Chip Market: Company Product Application Footprint
- Table 67. Point of Load Power Chip New Market Entrants and Barriers to Market Entry
- Table 68. Point of Load Power Chip Mergers, Acquisition, Agreements, and Collaborations
- Table 69. Global Point of Load Power Chip Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
- Table 70. Global Point of Load Power Chip Sales Quantity by Region (2021-2026) & (K Units)
- Table 71. Global Point of Load Power Chip Sales Quantity by Region (2027-2032) & (K Units)
- Table 72. Global Point of Load Power Chip Consumption Value by Region (2021-2026)

& (USD Million)

Table 73. Global Point of Load Power Chip Consumption Value by Region (2027-2032)

& (USD Million)

Table 74. Global Point of Load Power Chip Average Price by Region (2021-2026) & (US\$/Unit)

Table 75. Global Point of Load Power Chip Average Price by Region (2027-2032) & (US\$/Unit)

Table 76. Global Point of Load Power Chip Sales Quantity by Type (2021-2026) & (K Units)

Table 77. Global Point of Load Power Chip Sales Quantity by Type (2027-2032) & (K Units)

Table 78. Global Point of Load Power Chip Consumption Value by Type (2021-2026) & (USD Million)

Table 79. Global Point of Load Power Chip Consumption Value by Type (2027-2032) & (USD Million)

Table 80. Global Point of Load Power Chip Average Price by Type (2021-2026) & (US\$/Unit)

Table 81. Global Point of Load Power Chip Average Price by Type (2027-2032) & (US\$/Unit)

Table 82. Global Point of Load Power Chip Sales Quantity by Application (2021-2026) & (K Units)

Table 83. Global Point of Load Power Chip Sales Quantity by Application (2027-2032) & (K Units)

Table 84. Global Point of Load Power Chip Consumption Value by Application (2021-2026) & (USD Million)

Table 85. Global Point of Load Power Chip Consumption Value by Application (2027-2032) & (USD Million)

Table 86. Global Point of Load Power Chip Average Price by Application (2021-2026) & (US\$/Unit)

Table 87. Global Point of Load Power Chip Average Price by Application (2027-2032) & (US\$/Unit)

Table 88. North America Point of Load Power Chip Sales Quantity by Type (2021-2026) & (K Units)

Table 89. North America Point of Load Power Chip Sales Quantity by Type (2027-2032) & (K Units)

Table 90. North America Point of Load Power Chip Sales Quantity by Application (2021-2026) & (K Units)

Table 91. North America Point of Load Power Chip Sales Quantity by Application (2027-2032) & (K Units)

Table 92. North America Point of Load Power Chip Sales Quantity by Country (2021-2026) & (K Units)

Table 93. North America Point of Load Power Chip Sales Quantity by Country (2027-2032) & (K Units)

Table 94. North America Point of Load Power Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 95. North America Point of Load Power Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 96. Europe Point of Load Power Chip Sales Quantity by Type (2021-2026) & (K Units)

Table 97. Europe Point of Load Power Chip Sales Quantity by Type (2027-2032) & (K Units)

Table 98. Europe Point of Load Power Chip Sales Quantity by Application (2021-2026) & (K Units)

Table 99. Europe Point of Load Power Chip Sales Quantity by Application (2027-2032) & (K Units)

Table 100. Europe Point of Load Power Chip Sales Quantity by Country (2021-2026) & (K Units)

Table 101. Europe Point of Load Power Chip Sales Quantity by Country (2027-2032) & (K Units)

Table 102. Europe Point of Load Power Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 103. Europe Point of Load Power Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 104. Asia-Pacific Point of Load Power Chip Sales Quantity by Type (2021-2026) & (K Units)

Table 105. Asia-Pacific Point of Load Power Chip Sales Quantity by Type (2027-2032) & (K Units)

Table 106. Asia-Pacific Point of Load Power Chip Sales Quantity by Application (2021-2026) & (K Units)

Table 107. Asia-Pacific Point of Load Power Chip Sales Quantity by Application (2027-2032) & (K Units)

Table 108. Asia-Pacific Point of Load Power Chip Sales Quantity by Region (2021-2026) & (K Units)

Table 109. Asia-Pacific Point of Load Power Chip Sales Quantity by Region (2027-2032) & (K Units)

Table 110. Asia-Pacific Point of Load Power Chip Consumption Value by Region (2021-2026) & (USD Million)

Table 111. Asia-Pacific Point of Load Power Chip Consumption Value by Region

(2027-2032) & (USD Million)

Table 112. South America Point of Load Power Chip Sales Quantity by Type (2021-2026) & (K Units)

Table 113. South America Point of Load Power Chip Sales Quantity by Type (2027-2032) & (K Units)

Table 114. South America Point of Load Power Chip Sales Quantity by Application (2021-2026) & (K Units)

Table 115. South America Point of Load Power Chip Sales Quantity by Application (2027-2032) & (K Units)

Table 116. South America Point of Load Power Chip Sales Quantity by Country (2021-2026) & (K Units)

Table 117. South America Point of Load Power Chip Sales Quantity by Country (2027-2032) & (K Units)

Table 118. South America Point of Load Power Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 119. South America Point of Load Power Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 120. Middle East & Africa Point of Load Power Chip Sales Quantity by Type (2021-2026) & (K Units)

Table 121. Middle East & Africa Point of Load Power Chip Sales Quantity by Type (2027-2032) & (K Units)

Table 122. Middle East & Africa Point of Load Power Chip Sales Quantity by Application (2021-2026) & (K Units)

Table 123. Middle East & Africa Point of Load Power Chip Sales Quantity by Application (2027-2032) & (K Units)

Table 124. Middle East & Africa Point of Load Power Chip Sales Quantity by Country (2021-2026) & (K Units)

Table 125. Middle East & Africa Point of Load Power Chip Sales Quantity by Country (2027-2032) & (K Units)

Table 126. Middle East & Africa Point of Load Power Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 127. Middle East & Africa Point of Load Power Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 128. Point of Load Power Chip Raw Material

Table 129. Key Manufacturers of Point of Load Power Chip Raw Materials

Table 130. Point of Load Power Chip Typical Distributors

Table 131. Point of Load Power Chip Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Point of Load Power Chip Picture

Figure 2. Global Point of Load Power Chip Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Point of Load Power Chip Revenue Market Share by Type in 2025

Figure 4. Single Channel Examples

Figure 5. Multi-channel Examples

Figure 6. Global Point of Load Power Chip Revenue by Output Voltage Range, (USD Million), 2021 & 2025 & 2032

Figure 7. Global Point of Load Power Chip Revenue Market Share by Output Voltage Range in 2025

Figure 8. Ultra-Low Voltage POL IC (

## I would like to order

Product name: Global Point of Load Power Chip Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GD32EF5D4BA5EN.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/GD32EF5D4BA5EN.html>