

# Global 750V Ultra-Thin SiC Power Transistor Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G7AEB4701A6DEN.html>

Date: June 2026

Pages: 92

Price: US\$ 4,480.00 (Single User License)

ID: G7AEB4701A6DEN

## Abstracts

The global 750V Ultra-Thin SiC Power Transistor market size is expected to reach \$ 175 million by 2032, rising at a market growth of 10.4% CAGR during the forecast period (2026-2032).

The 750V ultra-thin silicon carbide power transistor is a high-performance discrete power device made from silicon carbide semiconductor material, primarily used in power electronics conversion and motor drive systems. The device is mainly offered in TOLL ultra-thin surface-mount packages, with a typical thickness of approximately 2.3 millimeters, ranging from 2.2 to 2.5 millimeters. It is rated for 750 volts and has an on-resistance spanning from 13 milliohms to 65 milliohms, providing high-speed switching capability and low conduction loss. The manufacturing process involves high-quality silicon carbide epitaxial wafer fabrication, precision photolithography and ion implantation, as well as advanced gate structure design and low-thermal-resistance packaging techniques. Its key functions include efficient power switching and energy conversion control, suitable for industrial power inverters, electric vehicle traction inverters, photovoltaic inverters, and medium-to-low power DC-DC converters. In 2025, the global average gross margin for this type of device is approximately 38%, with an average unit price of 37 USD per piece.

The 750V ultra-thin silicon carbide power transistor is a high-performance wide-bandgap semiconductor discrete power device, relying on upstream high-purity SiC epitaxial wafer production, midstream advanced device processing, and thin TOLL package technology, with downstream applications in industrial power inverters, electric vehicle traction inverters, and photovoltaic inverters forming a complete supply chain. In 2025, only one company globally achieved formal mass production of this product, resulting in highly concentrated core production capacity and relatively limited supply.

As upstream material capacity expands and midstream processes mature, the supply side continues to improve, supporting broader adoption in downstream applications.

Demand is driven by high-efficiency, high-frequency power conversion and compact inverter designs, with core applications including electric vehicle traction inverters, industrial motor drives, and photovoltaic inverters. Market growth is primarily fueled by rising penetration of electric vehicles and increasing investment in renewable energy generation, while medium-to-low power DC-DC converters steadily increase demand for thin-package devices. In 2025, leading companies collaborated on process optimization and technical coordination around thin TOLL packaging, promoting high standardization. Policy measures in major economies, including energy efficiency regulations and carbon reduction targets, further accelerate the adoption of SiC devices in power electronics applications.

The industry is expected to maintain high concentration and technological barriers, with thin TOLL packaging becoming the mainstream design. Product performance will continue to evolve toward lower on-resistance, lower thermal resistance, and higher switching frequency. Supply chain collaboration, regional manufacturing adjustments, and expanded production capacity will support steady market growth, while technological iteration and the development of alternative materials represent long-term considerations. Overall, ultra-thin SiC power transistors are expected to continue expanding their applications in efficient power conversion, with the industry maintaining a robust growth trajectory.

This report studies the global 750V Ultra-Thin SiC Power Transistor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for 750V Ultra-Thin SiC Power Transistor and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of 750V Ultra-Thin SiC Power Transistor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global 750V Ultra-Thin SiC Power Transistor total production and demand, 2021-2032, (Pcs)

Global 750V Ultra-Thin SiC Power Transistor total production value, 2021-2032, (USD Million)

Global 750V Ultra-Thin SiC Power Transistor production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Pcs), (based on production site)  
Global 750V Ultra-Thin SiC Power Transistor consumption by region & country, CAGR, 2021-2032 & (Pcs)

U.S. VS China: 750V Ultra-Thin SiC Power Transistor domestic production, consumption, key domestic manufacturers and share

Global 750V Ultra-Thin SiC Power Transistor production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Pcs)

Global 750V Ultra-Thin SiC Power Transistor production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Pcs)

Global 750V Ultra-Thin SiC Power Transistor production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Pcs)

This report profiles key players in the global 750V Ultra-Thin SiC Power Transistor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ROHM Co., Ltd., etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World 750V Ultra-Thin SiC Power Transistor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Pcs) and average price (US\$/Pcs) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global 750V Ultra-Thin SiC Power Transistor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global 750V Ultra-Thin SiC Power Transistor Market, Segmentation by Type:

High Current Type (13m? - 26m?)

Medium Current Type (36m? - 45m?)

Low Current Type (65m?)

#### Global 750V Ultra-Thin SiC Power Transistor Market, Segmentation by Thermal Management Feature:

Enhanced Thermal Performance ( $R_{\theta JC} < 0.5^{\circ}\text{C/W}$ )

Standard Thermal Performance ( $R_{\theta JC} 0.5-1.0^{\circ}\text{C/W}$ )

High Thermal Dissipation ( $>1.0^{\circ}\text{C/W}$ )

#### Global 750V Ultra-Thin SiC Power Transistor Market, Segmentation by On Resistance Range:

Ultra Low  $R_{ds(on)}$  (4m? - 13m?)

Low  $R_{ds(on)}$  (14m? - 30m?)

Medium  $R_{ds(on)}$  (31m? - 60m?)

High Rds(on) (61m? - 120m?)

Global 750V Ultra-Thin SiC Power Transistor Market, Segmentation by Application:

AI Server Power Supply

On Board Charger (OBC)

DC DC Converter

Photovoltaic Inverter

Energy Storage System (ESS)

Industrial Power Supply

Other Applications

Companies Profiled:

ROHM Co., Ltd.

Key Questions Answered:

1. How big is the global 750V Ultra-Thin SiC Power Transistor market?
2. What is the demand of the global 750V Ultra-Thin SiC Power Transistor market?
3. What is the year over year growth of the global 750V Ultra-Thin SiC Power Transistor market?
4. What is the production and production value of the global 750V Ultra-Thin SiC Power Transistor market?
5. Who are the key producers in the global 750V Ultra-Thin SiC Power Transistor market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 750V Ultra-Thin SiC Power Transistor Introduction
- 1.2 World 750V Ultra-Thin SiC Power Transistor Supply & Forecast
  - 1.2.1 World 750V Ultra-Thin SiC Power Transistor Production Value (2021 & 2025 & 2032)
  - 1.2.2 World 750V Ultra-Thin SiC Power Transistor Production (2021-2032)
  - 1.2.3 World 750V Ultra-Thin SiC Power Transistor Pricing Trends (2021-2032)
- 1.3 World 750V Ultra-Thin SiC Power Transistor Production by Region (Based on Production Site)
  - 1.3.1 World 750V Ultra-Thin SiC Power Transistor Production Value by Region (2021-2032)
  - 1.3.2 World 750V Ultra-Thin SiC Power Transistor Production by Region (2021-2032)
  - 1.3.3 World 750V Ultra-Thin SiC Power Transistor Average Price by Region (2021-2032)
  - 1.3.4 Japan 750V Ultra-Thin SiC Power Transistor Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 750V Ultra-Thin SiC Power Transistor Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 750V Ultra-Thin SiC Power Transistor Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World 750V Ultra-Thin SiC Power Transistor Demand (2021-2032)
- 2.2 World 750V Ultra-Thin SiC Power Transistor Consumption by Region
  - 2.2.1 World 750V Ultra-Thin SiC Power Transistor Consumption by Region (2021-2026)
  - 2.2.2 World 750V Ultra-Thin SiC Power Transistor Consumption Forecast by Region (2027-2032)
- 2.3 United States 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032)
- 2.4 China 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032)
- 2.5 Europe 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032)
- 2.6 Japan 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032)
- 2.7 South Korea 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032)
- 2.8 ASEAN 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032)
- 2.9 India 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032)

### **3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World 750V Ultra-Thin SiC Power Transistor Production Value by Manufacturer (2021-2026)

3.2 World 750V Ultra-Thin SiC Power Transistor Production by Manufacturer (2021-2026)

3.3 World 750V Ultra-Thin SiC Power Transistor Average Price by Manufacturer (2021-2026)

3.4 750V Ultra-Thin SiC Power Transistor Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global 750V Ultra-Thin SiC Power Transistor Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for 750V Ultra-Thin SiC Power Transistor in 2025

3.5.3 Global Concentration Ratios (CR8) for 750V Ultra-Thin SiC Power Transistor in 2025

3.6 750V Ultra-Thin SiC Power Transistor Market: Overall Company Footprint Analysis

3.6.1 750V Ultra-Thin SiC Power Transistor Market: Region Footprint

3.6.2 750V Ultra-Thin SiC Power Transistor Market: Company Product Type Footprint

3.6.3 750V Ultra-Thin SiC Power Transistor Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

4.1 United States VS China: 750V Ultra-Thin SiC Power Transistor Production Value Comparison

4.1.1 United States VS China: 750V Ultra-Thin SiC Power Transistor Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: 750V Ultra-Thin SiC Power Transistor Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: 750V Ultra-Thin SiC Power Transistor Production Comparison

4.2.1 United States VS China: 750V Ultra-Thin SiC Power Transistor Production

Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: 750V Ultra-Thin SiC Power Transistor Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: 750V Ultra-Thin SiC Power Transistor Consumption Comparison

4.3.1 United States VS China: 750V Ultra-Thin SiC Power Transistor Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: 750V Ultra-Thin SiC Power Transistor Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based 750V Ultra-Thin SiC Power Transistor Manufacturers and Market Share, 2021-2026

4.4.1 United States Based 750V Ultra-Thin SiC Power Transistor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Value (2021-2026)

4.4.3 United States Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production (2021-2026)

4.5 China Based 750V Ultra-Thin SiC Power Transistor Manufacturers and Market Share

4.5.1 China Based 750V Ultra-Thin SiC Power Transistor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Value (2021-2026)

4.5.3 China Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production (2021-2026)

4.6 Rest of World Based 750V Ultra-Thin SiC Power Transistor Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based 750V Ultra-Thin SiC Power Transistor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World 750V Ultra-Thin SiC Power Transistor Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 High Current Type (13m? - 26m?)

5.2.2 Medium Current Type (36m? - 45m?)

5.2.3 Low Current Type (65m?)

5.3 Market Segment by Type

5.3.1 World 750V Ultra-Thin SiC Power Transistor Production by Type (2021-2032)

5.3.2 World 750V Ultra-Thin SiC Power Transistor Production Value by Type (2021-2032)

5.3.3 World 750V Ultra-Thin SiC Power Transistor Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY THERMAL MANAGEMENT FEATURE**

6.1 World 750V Ultra-Thin SiC Power Transistor Market Size Overview by Thermal Management Feature: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Thermal Management Feature

6.2.1 Enhanced Thermal Performance ( $R_{\theta JC} < 0.5^{\circ}\text{C/W}$ )

6.2.2 Standard Thermal Performance ( $R_{\theta JC} 0.5-1.0^{\circ}\text{C/W}$ )

6.2.3 High Thermal Dissipation ( $>1.0^{\circ}\text{C/W}$ )

6.3 Market Segment by Thermal Management Feature

6.3.1 World 750V Ultra-Thin SiC Power Transistor Production by Thermal Management Feature (2021-2032)

6.3.2 World 750V Ultra-Thin SiC Power Transistor Production Value by Thermal Management Feature (2021-2032)

6.3.3 World 750V Ultra-Thin SiC Power Transistor Average Price by Thermal Management Feature (2021-2032)

## **7 MARKET ANALYSIS BY ON RESISTANCE RANGE**

7.1 World 750V Ultra-Thin SiC Power Transistor Market Size Overview by On Resistance Range: 2021 VS 2025 VS 2032

7.2 Segment Introduction by On Resistance Range

7.2.1 Ultra Low  $R_{ds(on)}$  (4m? - 13m?)

7.2.2 Low  $R_{ds(on)}$  (14m? - 30m?)

7.2.3 Medium  $R_{ds(on)}$  (31m? - 60m?)

7.2.4 High  $R_{ds(on)}$  (61m? - 120m?)

7.3 Market Segment by On Resistance Range

7.3.1 World 750V Ultra-Thin SiC Power Transistor Production by On Resistance Range (2021-2032)

7.3.2 World 750V Ultra-Thin SiC Power Transistor Production Value by On Resistance Range (2021-2032)

7.3.3 World 750V Ultra-Thin SiC Power Transistor Average Price by On Resistance Range (2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World 750V Ultra-Thin SiC Power Transistor Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 AI Server Power Supply

8.2.2 On Board Charger (OBC)

8.2.3 DC DC Converter

8.2.4 Photovoltaic Inverter

8.2.5 Energy Storage System (ESS)

8.2.6 Industrial Power Supply

8.2.7 Other Applications

8.3 Market Segment by Application

8.3.1 World 750V Ultra-Thin SiC Power Transistor Production by Application (2021-2032)

8.3.2 World 750V Ultra-Thin SiC Power Transistor Production Value by Application (2021-2032)

8.3.3 World 750V Ultra-Thin SiC Power Transistor Average Price by Application (2021-2032)

## **9 COMPANY PROFILES**

9.1 ROHM Co., Ltd.

9.1.1 ROHM Co., Ltd. Details

9.1.2 ROHM Co., Ltd. Major Business

9.1.3 ROHM Co., Ltd. 750V Ultra-Thin SiC Power Transistor Product and Services

9.1.4 ROHM Co., Ltd. 750V Ultra-Thin SiC Power Transistor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 ROHM Co., Ltd. Recent Developments/Updates

9.1.6 ROHM Co., Ltd. Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

10.1 750V Ultra-Thin SiC Power Transistor Industry Chain

10.2 750V Ultra-Thin SiC Power Transistor Upstream Analysis

10.2.1 750V Ultra-Thin SiC Power Transistor Core Raw Materials

- 10.2.2 Main Manufacturers of 750V Ultra-Thin SiC Power Transistor Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 750V Ultra-Thin SiC Power Transistor Production Mode
- 10.6 750V Ultra-Thin SiC Power Transistor Procurement Model
- 10.7 750V Ultra-Thin SiC Power Transistor Industry Sales Model and Sales Channels
  - 10.7.1 750V Ultra-Thin SiC Power Transistor Sales Model
  - 10.7.2 750V Ultra-Thin SiC Power Transistor Typical Distributors

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World 750V Ultra-Thin SiC Power Transistor Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World 750V Ultra-Thin SiC Power Transistor Production Value by Region (2021-2026) & (USD Million)

Table 3. World 750V Ultra-Thin SiC Power Transistor Production Value by Region (2027-2032) & (USD Million)

Table 4. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share by Region (2021-2026)

Table 5. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share by Region (2027-2032)

Table 6. World 750V Ultra-Thin SiC Power Transistor Production by Region (2021-2026) & (Pcs)

Table 7. World 750V Ultra-Thin SiC Power Transistor Production by Region (2027-2032) & (Pcs)

Table 8. World 750V Ultra-Thin SiC Power Transistor Production Market Share by Region (2021-2026)

Table 9. World 750V Ultra-Thin SiC Power Transistor Production Market Share by Region (2027-2032)

Table 10. World 750V Ultra-Thin SiC Power Transistor Average Price by Region (2021-2026) & (US\$/Pcs)

Table 11. World 750V Ultra-Thin SiC Power Transistor Average Price by Region (2027-2032) & (US\$/Pcs)

Table 12. 750V Ultra-Thin SiC Power Transistor Major Market Trends

Table 13. World 750V Ultra-Thin SiC Power Transistor Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Pcs)

Table 14. World 750V Ultra-Thin SiC Power Transistor Consumption by Region (2021-2026) & (Pcs)

Table 15. World 750V Ultra-Thin SiC Power Transistor Consumption Forecast by Region (2027-2032) & (Pcs)

Table 16. World 750V Ultra-Thin SiC Power Transistor Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key 750V Ultra-Thin SiC Power Transistor Producers in 2025

Table 18. World 750V Ultra-Thin SiC Power Transistor Production by Manufacturer (2021-2026) & (Pcs)

Table 19. Production Market Share of Key 750V Ultra-Thin SiC Power Transistor Producers in 2025

Table 20. World 750V Ultra-Thin SiC Power Transistor Average Price by Manufacturer (2021-2026) & (US\$/Pcs)

Table 21. Global 750V Ultra-Thin SiC Power Transistor Company Evaluation Quadrant

Table 22. World 750V Ultra-Thin SiC Power Transistor Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and 750V Ultra-Thin SiC Power Transistor Production Site of Key Manufacturer

Table 24. 750V Ultra-Thin SiC Power Transistor Market: Company Product Type Footprint

Table 25. 750V Ultra-Thin SiC Power Transistor Market: Company Product Application Footprint

Table 26. 750V Ultra-Thin SiC Power Transistor Competitive Factors

Table 27. 750V Ultra-Thin SiC Power Transistor New Entrant and Capacity Expansion Plans

Table 28. 750V Ultra-Thin SiC Power Transistor Mergers & Acquisitions Activity

Table 29. United States VS China 750V Ultra-Thin SiC Power Transistor Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China 750V Ultra-Thin SiC Power Transistor Production Comparison, (2021 & 2025 & 2032) & (Pcs)

Table 31. United States VS China 750V Ultra-Thin SiC Power Transistor Consumption Comparison, (2021 & 2025 & 2032) & (Pcs)

Table 32. United States Based 750V Ultra-Thin SiC Power Transistor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production (2021-2026) & (Pcs)

Table 36. United States Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Market Share (2021-2026)

Table 37. China Based 750V Ultra-Thin SiC Power Transistor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Value Market Share (2021-2026)

- Table 40. China Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production, (2021-2026) & (Pcs)
- Table 41. China Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Market Share (2021-2026)
- Table 42. Rest of World Based 750V Ultra-Thin SiC Power Transistor Manufacturers, Headquarters and Production Site (State, Country)
- Table 43. Rest of World Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Value, (2021-2026) & (USD Million)
- Table 44. Rest of World Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Value Market Share (2021-2026)
- Table 45. Rest of World Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production, (2021-2026) & (Pcs)
- Table 46. Rest of World Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Market Share (2021-2026)
- Table 47. World 750V Ultra-Thin SiC Power Transistor Production Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 48. World 750V Ultra-Thin SiC Power Transistor Production by Type (2021-2026) & (Pcs)
- Table 49. World 750V Ultra-Thin SiC Power Transistor Production by Type (2027-2032) & (Pcs)
- Table 50. World 750V Ultra-Thin SiC Power Transistor Production Value by Type (2021-2026) & (USD Million)
- Table 51. World 750V Ultra-Thin SiC Power Transistor Production Value by Type (2027-2032) & (USD Million)
- Table 52. World 750V Ultra-Thin SiC Power Transistor Average Price by Type (2021-2026) & (US\$/Pcs)
- Table 53. World 750V Ultra-Thin SiC Power Transistor Average Price by Type (2027-2032) & (US\$/Pcs)
- Table 54. World 750V Ultra-Thin SiC Power Transistor Production Value by Thermal Management Feature, (USD Million), 2021 & 2025 & 2032
- Table 55. World 750V Ultra-Thin SiC Power Transistor Production by Thermal Management Feature (2021-2026) & (Pcs)
- Table 56. World 750V Ultra-Thin SiC Power Transistor Production by Thermal Management Feature (2027-2032) & (Pcs)
- Table 57. World 750V Ultra-Thin SiC Power Transistor Production Value by Thermal Management Feature (2021-2026) & (USD Million)
- Table 58. World 750V Ultra-Thin SiC Power Transistor Production Value by Thermal Management Feature (2027-2032) & (USD Million)
- Table 59. World 750V Ultra-Thin SiC Power Transistor Average Price by Thermal

Management Feature (2021-2026) & (US\$/Pcs)

Table 60. World 750V Ultra-Thin SiC Power Transistor Average Price by Thermal Management Feature (2027-2032) & (US\$/Pcs)

Table 61. World 750V Ultra-Thin SiC Power Transistor Production Value by On Resistance Range, (USD Million), 2021 & 2025 & 2032

Table 62. World 750V Ultra-Thin SiC Power Transistor Production by On Resistance Range (2021-2026) & (Pcs)

Table 63. World 750V Ultra-Thin SiC Power Transistor Production by On Resistance Range (2027-2032) & (Pcs)

Table 64. World 750V Ultra-Thin SiC Power Transistor Production Value by On Resistance Range (2021-2026) & (USD Million)

Table 65. World 750V Ultra-Thin SiC Power Transistor Production Value by On Resistance Range (2027-2032) & (USD Million)

Table 66. World 750V Ultra-Thin SiC Power Transistor Average Price by On Resistance Range (2021-2026) & (US\$/Pcs)

Table 67. World 750V Ultra-Thin SiC Power Transistor Average Price by On Resistance Range (2027-2032) & (US\$/Pcs)

Table 68. World 750V Ultra-Thin SiC Power Transistor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World 750V Ultra-Thin SiC Power Transistor Production by Application (2021-2026) & (Pcs)

Table 70. World 750V Ultra-Thin SiC Power Transistor Production by Application (2027-2032) & (Pcs)

Table 71. World 750V Ultra-Thin SiC Power Transistor Production Value by Application (2021-2026) & (USD Million)

Table 72. World 750V Ultra-Thin SiC Power Transistor Production Value by Application (2027-2032) & (USD Million)

Table 73. World 750V Ultra-Thin SiC Power Transistor Average Price by Application (2021-2026) & (US\$/Pcs)

Table 74. World 750V Ultra-Thin SiC Power Transistor Average Price by Application (2027-2032) & (US\$/Pcs)

Table 75. ROHM Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 76. ROHM Co., Ltd. Major Business

Table 77. ROHM Co., Ltd. 750V Ultra-Thin SiC Power Transistor Product and Services

Table 78. ROHM Co., Ltd. 750V Ultra-Thin SiC Power Transistor Production (Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. ROHM Co., Ltd. Recent Developments/Updates

Table 80. ROHM Co., Ltd. Competitive Strengths & Weaknesses

Table 81. Global Key Players of 750V Ultra-Thin SiC Power Transistor Upstream (Raw Materials)

Table 82. Global 750V Ultra-Thin SiC Power Transistor Typical Customers

Table 83. 750V Ultra-Thin SiC Power Transistor Typical Distributors

## List Of Figures

### LIST OF FIGURES

- Figure 1. 750V Ultra-Thin SiC Power Transistor Picture
- Figure 2. World 750V Ultra-Thin SiC Power Transistor Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World 750V Ultra-Thin SiC Power Transistor Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World 750V Ultra-Thin SiC Power Transistor Production (2021-2032) & (Pcs)
- Figure 5. World 750V Ultra-Thin SiC Power Transistor Average Price (2021-2032) & (US\$/Pcs)
- Figure 6. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share by Region (2021-2032)
- Figure 7. World 750V Ultra-Thin SiC Power Transistor Production Market Share by Region (2021-2032)
- Figure 8. Japan 750V Ultra-Thin SiC Power Transistor Production (2021-2032) & (Pcs)
- Figure 9. 750V Ultra-Thin SiC Power Transistor Market Drivers
- Figure 10. Factors Affecting Demand
- Figure 11. World 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032) & (Pcs)
- Figure 12. World 750V Ultra-Thin SiC Power Transistor Consumption Market Share by Region (2021-2032)
- Figure 13. United States 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032) & (Pcs)
- Figure 14. China 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032) & (Pcs)
- Figure 15. Europe 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032) & (Pcs)
- Figure 16. Japan 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032) & (Pcs)
- Figure 17. South Korea 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032) & (Pcs)
- Figure 18. ASEAN 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032) & (Pcs)
- Figure 19. India 750V Ultra-Thin SiC Power Transistor Consumption (2021-2032) & (Pcs)
- Figure 20. Producer Shipments of 750V Ultra-Thin SiC Power Transistor by Manufacturer Revenue (\$MM) and Market Share (%): 2025

- Figure 21. Global Four-firm Concentration Ratios (CR4) for 750V Ultra-Thin SiC Power Transistor Markets in 2025
- Figure 22. Global Four-firm Concentration Ratios (CR8) for 750V Ultra-Thin SiC Power Transistor Markets in 2025
- Figure 23. United States VS China: 750V Ultra-Thin SiC Power Transistor Production Value Market Share Comparison (2021 & 2025 & 2032)
- Figure 24. United States VS China: 750V Ultra-Thin SiC Power Transistor Production Market Share Comparison (2021 & 2025 & 2032)
- Figure 25. United States VS China: 750V Ultra-Thin SiC Power Transistor Consumption Market Share Comparison (2021 & 2025 & 2032)
- Figure 26. United States Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Market Share 2025
- Figure 27. China Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Market Share 2025
- Figure 28. Rest of World Based Manufacturers 750V Ultra-Thin SiC Power Transistor Production Market Share 2025
- Figure 29. World 750V Ultra-Thin SiC Power Transistor Production Value by Type, (USD Million), 2021 & 2025 & 2032
- Figure 30. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share by Type in 2025
- Figure 31. High Current Type (13m? - 26m?)
- Figure 32. Medium Current Type (36m? - 45m?)
- Figure 33. Low Current Type (65m?)
- Figure 34. World 750V Ultra-Thin SiC Power Transistor Production Market Share by Type (2021-2032)
- Figure 35. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share by Type (2021-2032)
- Figure 36. World 750V Ultra-Thin SiC Power Transistor Average Price by Type (2021-2032) & (US\$/Pcs)
- Figure 37. World 750V Ultra-Thin SiC Power Transistor Production Value by Thermal Management Feature, (USD Million), 2021 & 2025 & 2032
- Figure 38. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share by Thermal Management Feature in 2025
- Figure 39. Enhanced Thermal Performance ( $R_{\theta JC} < 0.5^{\circ}\text{C/W}$ )
- Figure 40. Standard Thermal Performance ( $R_{\theta JC} 0.5\text{-}1.0^{\circ}\text{C/W}$ )
- Figure 41. High Thermal Dissipation ( $>1.0^{\circ}\text{C/W}$ )
- Figure 42. World 750V Ultra-Thin SiC Power Transistor Production Market Share by Thermal Management Feature (2021-2032)
- Figure 43. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share

by Thermal Management Feature (2021-2032)

Figure 44. World 750V Ultra-Thin SiC Power Transistor Average Price by Thermal Management Feature (2021-2032) & (US\$/Pcs)

Figure 45. World 750V Ultra-Thin SiC Power Transistor Production Value by On Resistance Range, (USD Million), 2021 & 2025 & 2032

Figure 46. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share by On Resistance Range in 2025

Figure 47. Ultra Low Rds(on) (4m? - 13m?)

Figure 48. Low Rds(on) (14m? - 30m?)

Figure 49. Medium Rds(on) (31m? - 60m?)

Figure 50. High Rds(on) (61m? - 120m?)

Figure 51. World 750V Ultra-Thin SiC Power Transistor Production Market Share by On Resistance Range (2021-2032)

Figure 52. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share by On Resistance Range (2021-2032)

Figure 53. World 750V Ultra-Thin SiC Power Transistor Average Price by On Resistance Range (2021-2032) & (US\$/Pcs)

Figure 54. World 750V Ultra-Thin SiC Power Transistor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share by Application in 2025

Figure 56. AI Server Power Supply

Figure 57. On Board Charger (OBC)

Figure 58. DC DC Converter

Figure 59. Photovoltaic Inverter

Figure 60. Energy Storage System (ESS)

Figure 61. Industrial Power Supply

Figure 62. Other Applications

Figure 63. World 750V Ultra-Thin SiC Power Transistor Production Market Share by Application (2021-2032)

Figure 64. World 750V Ultra-Thin SiC Power Transistor Production Value Market Share by Application (2021-2032)

Figure 65. World 750V Ultra-Thin SiC Power Transistor Average Price by Application (2021-2032) & (US\$/Pcs)

Figure 66. 750V Ultra-Thin SiC Power Transistor Industry Chain

Figure 67. 750V Ultra-Thin SiC Power Transistor Procurement Model

Figure 68. 750V Ultra-Thin SiC Power Transistor Sales Model

Figure 69. 750V Ultra-Thin SiC Power Transistor Sales Channels, Direct Sales, and Distribution

Figure 70. Methodology

Figure 71. Research Process and Data Source

## I would like to order

Product name: Global 750V Ultra-Thin SiC Power Transistor Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G7AEB4701A6DEN.html>

Price: US\$ 4,480.00 (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/G7AEB4701A6DEN.html>