



SiC MOSFET for Charging Pile Industry Research Report 2026

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Description

The global SiC MOSFET for Charging Pile market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for SiC MOSFET for Charging Pile is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for SiC MOSFET for Charging Pile is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for SiC MOSFET for Charging Pile is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of SiC MOSFET for Charging Pile include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global SiC MOSFET for Charging Pile market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to SiC MOSFET for Charging Pile.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

SiC MOSFET for Charging Pile Market by Company

Infineon

Wolfspeed

ROHM

STMicroelectronics

onsemi

Mitsubishi Electric

Rockwell Electric GROUP

Novus Semiconductors

ARK Microelectronics

Suzhou Convert Semiconductor

GOODWORK Semiconductor

Sanan IC

KIA Semiconductor

Shenzhen SilkMicro Semicon

CoolSemi

SiC MOSFET for Charging Pile Segment by Type

Discrete Silicon Carbide MOSFET

Bare Die Silicon Carbide MOSFET

Other

SiC MOSFET for Charging Pile Segment by Application

Residential

Commercial

SiC MOSFET for Charging Pile Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile

Colombia
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global SiC MOSFET for Charging Pile market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of SiC MOSFET for Charging Pile and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of SiC MOSFET for Charging Pile.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, 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 market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of SiC MOSFET for Charging Pile manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of SiC MOSFET for Charging Pile by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of SiC MOSFET for Charging Pile in regional level and country level. It 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 production of each country in the world.

Chapter 7:

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

Chapter 8:

Provides the analysis of various market segments by 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 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, 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 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 SiC MOSFET for Charging Pile by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Discrete Silicon Carbide MOSFET
 - 2.2.3 Bare Die Silicon Carbide MOSFET
 - 2.2.4 Other
- 2.3 SiC MOSFET for Charging Pile by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Residential
 - 2.3.3 Commercial
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global SiC MOSFET for Charging Pile Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global SiC MOSFET for Charging Pile Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global SiC MOSFET for Charging Pile Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global SiC MOSFET for Charging Pile Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global SiC MOSFET for Charging Pile Production by Manufacturers (2021-2026)
- 3.2 Global SiC MOSFET for Charging Pile Production Value by Manufacturers (2021-2026)
- 3.3 Global SiC MOSFET for Charging Pile Average Price by Manufacturers (2021-2026)
- 3.4 Global SiC MOSFET for Charging Pile Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global SiC MOSFET for Charging Pile Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global SiC MOSFET for Charging Pile Manufacturers, Product Type & Application
- 3.7 Global SiC MOSFET for Charging Pile Manufacturers Established Date
- 3.8 Global SiC MOSFET for Charging Pile Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Infineon
 - 4.1.1 Infineon SiC MOSFET for Charging Pile Company Information
 - 4.1.2 Infineon SiC MOSFET for Charging Pile Business Overview
 - 4.1.3 Infineon SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.1.4 Infineon Product Portfolio
 - 4.1.5 Infineon Recent Developments
- 4.2 Wolfspeed

- 4.2.1 Wolfspeed SiC MOSFET for Charging Pile Company Information
- 4.2.2 Wolfspeed SiC MOSFET for Charging Pile Business Overview
- 4.2.3 Wolfspeed SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
- 4.2.4 Wolfspeed Product Portfolio
- 4.2.5 Wolfspeed Recent Developments
- 4.3 ROHM
 - 4.3.1 ROHM SiC MOSFET for Charging Pile Company Information
 - 4.3.2 ROHM SiC MOSFET for Charging Pile Business Overview
 - 4.3.3 ROHM SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.3.4 ROHM Product Portfolio
 - 4.3.5 ROHM Recent Developments
- 4.4 STMicroelectronics
 - 4.4.1 STMicroelectronics SiC MOSFET for Charging Pile Company Information
 - 4.4.2 STMicroelectronics SiC MOSFET for Charging Pile Business Overview
 - 4.4.3 STMicroelectronics SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.4.4 STMicroelectronics Product Portfolio
 - 4.4.5 STMicroelectronics Recent Developments
- 4.5 onsemi
 - 4.5.1 onsemi SiC MOSFET for Charging Pile Company Information
 - 4.5.2 onsemi SiC MOSFET for Charging Pile Business Overview
 - 4.5.3 onsemi SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.5.4 onsemi Product Portfolio
 - 4.5.5 onsemi Recent Developments
- 4.6 Mitsubishi Electric
 - 4.6.1 Mitsubishi Electric SiC MOSFET for Charging Pile Company Information
 - 4.6.2 Mitsubishi Electric SiC MOSFET for Charging Pile Business Overview
 - 4.6.3 Mitsubishi Electric SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.6.4 Mitsubishi Electric Product Portfolio
 - 4.6.5 Mitsubishi Electric Recent Developments
- 4.7 Rockwill Electric GROUP
 - 4.7.1 Rockwill Electric GROUP SiC MOSFET for Charging Pile Company Information
 - 4.7.2 Rockwill Electric GROUP SiC MOSFET for Charging Pile Business Overview
 - 4.7.3 Rockwill Electric GROUP SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.7.4 Rockwill Electric GROUP Product Portfolio
 - 4.7.5 Rockwill Electric GROUP Recent Developments
- 4.8 Novus Semiconductors
 - 4.8.1 Novus Semiconductors SiC MOSFET for Charging Pile Company Information
 - 4.8.2 Novus Semiconductors SiC MOSFET for Charging Pile Business Overview
 - 4.8.3 Novus Semiconductors SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.8.4 Novus Semiconductors Product Portfolio
 - 4.8.5 Novus Semiconductors Recent Developments
- 4.9 ARK Microelectronics
 - 4.9.1 ARK Microelectronics SiC MOSFET for Charging Pile Company Information
 - 4.9.2 ARK Microelectronics SiC MOSFET for Charging Pile Business Overview
 - 4.9.3 ARK Microelectronics SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.9.4 ARK Microelectronics Product Portfolio
 - 4.9.5 ARK Microelectronics Recent Developments
- 4.10 Suzhou Convert Semiconductor

- 4.10.1 Suzhou Convert Semiconductor SiC MOSFET for Charging Pile Company Information
- 4.10.2 Suzhou Convert Semiconductor SiC MOSFET for Charging Pile Business Overview
- 4.10.3 Suzhou Convert Semiconductor SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
- 4.10.4 Suzhou Convert Semiconductor Product Portfolio
- 4.10.5 Suzhou Convert Semiconductor Recent Developments
- 4.11 GOODWORK Semiconductor
 - 4.11.1 GOODWORK Semiconductor SiC MOSFET for Charging Pile Company Information
 - 4.11.2 GOODWORK Semiconductor SiC MOSFET for Charging Pile Business Overview
 - 4.11.3 GOODWORK Semiconductor SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.11.4 GOODWORK Semiconductor Product Portfolio
 - 4.11.5 GOODWORK Semiconductor Recent Developments
- 4.12 Sanan IC
 - 4.12.1 Sanan IC SiC MOSFET for Charging Pile Company Information
 - 4.12.2 Sanan IC SiC MOSFET for Charging Pile Business Overview
 - 4.12.3 Sanan IC SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.12.4 Sanan IC Product Portfolio
 - 4.12.5 Sanan IC Recent Developments
- 4.13 KIA Semiconductor
 - 4.13.1 KIA Semiconductor SiC MOSFET for Charging Pile Company Information
 - 4.13.2 KIA Semiconductor SiC MOSFET for Charging Pile Business Overview
 - 4.13.3 KIA Semiconductor SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.13.4 KIA Semiconductor Product Portfolio
 - 4.13.5 KIA Semiconductor Recent Developments
- 4.14 Shenzhen SikorMicro Semicon
 - 4.14.1 Shenzhen SikorMicro Semicon SiC MOSFET for Charging Pile Company Information
 - 4.14.2 Shenzhen SikorMicro Semicon SiC MOSFET for Charging Pile Business Overview
 - 4.14.3 Shenzhen SikorMicro Semicon SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.14.4 Shenzhen SikorMicro Semicon Product Portfolio
 - 4.14.5 Shenzhen SikorMicro Semicon Recent Developments
- 4.15 CoolSemi
 - 4.15.1 CoolSemi SiC MOSFET for Charging Pile Company Information
 - 4.15.2 CoolSemi SiC MOSFET for Charging Pile Business Overview
 - 4.15.3 CoolSemi SiC MOSFET for Charging Pile Production, Value and Gross Margin (2021-2026)
 - 4.15.4 CoolSemi Product Portfolio
 - 4.15.5 CoolSemi Recent Developments

5 Global SiC MOSFET for Charging Pile Production by Region

- 5.1 Global SiC MOSFET for Charging Pile Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.2 Global SiC MOSFET for Charging Pile Production by Region: 2021-2032
 - 5.2.1 Global SiC MOSFET for Charging Pile Production by Region: 2021-2026
 - 5.2.2 Global SiC MOSFET for Charging Pile Production Forecast by Region (2027-2032)
- 5.3 Global SiC MOSFET for Charging Pile Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.4 Global SiC MOSFET for Charging Pile Production Value by Region: 2021-2032
 - 5.4.1 Global SiC MOSFET for Charging Pile Production Value by Region: 2021-2026
 - 5.4.2 Global SiC MOSFET for Charging Pile Production Value Forecast by Region (2027-2032)
- 5.5 Global SiC MOSFET for Charging Pile Market Price Analysis by Region (2021-2026)
- 5.6 Global SiC MOSFET for Charging Pile Production and Value, YOY Growth
 - 5.6.1 North America SiC MOSFET for Charging Pile Production Value Estimates and Forecasts (2021-2032)
 - 5.6.2 Europe SiC MOSFET for Charging Pile Production Value Estimates and Forecasts (2021-2032)

5.6.3 China SiC MOSFET for Charging Pile Production Value Estimates and Forecasts (2021-2032)

5.6.4 Japan SiC MOSFET for Charging Pile Production Value Estimates and Forecasts (2021-2032)

5.6.5 South Korea SiC MOSFET for Charging Pile Production Value Estimates and Forecasts (2021-2032)

6 Global SiC MOSFET for Charging Pile Consumption by Region

6.1 Global SiC MOSFET for Charging Pile Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

6.2 Global SiC MOSFET for Charging Pile Consumption by Region (2021-2032)

6.2.1 Global SiC MOSFET for Charging Pile Consumption by Region: 2021-2026

6.2.2 Global SiC MOSFET for Charging Pile Forecasted Consumption by Region (2027-2032)

6.3 North America

6.3.1 North America SiC MOSFET for Charging Pile Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.3.2 North America SiC MOSFET for Charging Pile Consumption by Country (2021-2032)

6.3.3 United States

6.3.4 Canada

6.3.5 Mexico

6.4 Europe

6.4.1 Europe SiC MOSFET for Charging Pile Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.4.2 Europe SiC MOSFET for Charging Pile Consumption by Country (2021-2032)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.4.8 Spain

6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

6.5 Asia Pacific

6.5.1 Asia Pacific SiC MOSFET for Charging Pile Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific SiC MOSFET for Charging Pile Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa SiC MOSFET for Charging Pile Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa SiC MOSFET for Charging Pile Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 Segment by Type

7.1 Global SiC MOSFET for Charging Pile Production by Type (2021-2032)

7.1.1 Global SiC MOSFET for Charging Pile Production by Type (2021-2032) & (k units)

7.1.2 Global SiC MOSFET for Charging Pile Production Market Share by Type (2021-2032)

7.2 Global SiC MOSFET for Charging Pile Production Value by Type (2021-2032)

7.2.1 Global SiC MOSFET for Charging Pile Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global SiC MOSFET for Charging Pile Production Value Market Share by Type (2021-2032)

7.3 Global SiC MOSFET for Charging Pile Price by Type (2021-2032)

8 Segment by Application

8.1 Global SiC MOSFET for Charging Pile Production by Application (2021-2032)

8.1.1 Global SiC MOSFET for Charging Pile Production by Application (2021-2032) & (k units)

8.1.2 Global SiC MOSFET for Charging Pile Production Market Share by Application (2021-2032)

8.2 Global SiC MOSFET for Charging Pile Production Value by Application (2021-2032)

8.2.1 Global SiC MOSFET for Charging Pile Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global SiC MOSFET for Charging Pile Production Value Market Share by Application (2021-2032)

8.3 Global SiC MOSFET for Charging Pile Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 SiC MOSFET for Charging Pile Value Chain Analysis

9.1.1 SiC MOSFET for Charging Pile Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 SiC MOSFET for Charging Pile Production Mode & Process

9.2 SiC MOSFET for Charging Pile Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 SiC MOSFET for Charging Pile Distributors

9.2.3 SiC MOSFET for Charging Pile Customers

10 Global SiC MOSFET for Charging Pile Analyzing Market Dynamics

10.1 SiC MOSFET for Charging Pile Industry Trends

10.2 SiC MOSFET for Charging Pile Industry Drivers

10.3 SiC MOSFET for Charging Pile Industry Opportunities and Challenges

10.4 SiC MOSFET for Charging Pile Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global SiC MOSFET for Charging Pile Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global SiC MOSFET for Charging Pile Production Market Share by Manufacturers
- Table 7: Global SiC MOSFET for Charging Pile Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global SiC MOSFET for Charging Pile Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global SiC MOSFET for Charging Pile Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global SiC MOSFET for Charging Pile Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global SiC MOSFET for Charging Pile Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global SiC MOSFET for Charging Pile Manufacturers, Product Type & Application
- Table 13: Global SiC MOSFET for Charging Pile Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global SiC MOSFET for Charging Pile by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Infineon Company Information
- Table 18: Infineon Business Overview
- Table 19: Infineon SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: Infineon SiC MOSFET for Charging Pile Product Portfolio
- Table 21: Infineon Recent Development
- Table 22: Wolfspeed Company Information
- Table 23: Wolfspeed Business Overview
- Table 24: Wolfspeed SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Wolfspeed SiC MOSFET for Charging Pile Product Portfolio
- Table 26: Wolfspeed Recent Development
- Table 27: ROHM Company Information
- Table 28: ROHM Business Overview
- Table 29: ROHM SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: ROHM SiC MOSFET for Charging Pile Product Portfolio
- Table 31: ROHM Recent Development
- Table 32: STMicroelectronics Company Information
- Table 33: STMicroelectronics Business Overview
- Table 34: STMicroelectronics SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: STMicroelectronics SiC MOSFET for Charging Pile Product Portfolio
- Table 36: STMicroelectronics Recent Development
- Table 37: onsemi Company Information
- Table 38: onsemi Business Overview
- Table 39: onsemi SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: onsemi SiC MOSFET for Charging Pile Product Portfolio
- Table 41: onsemi Recent Development
- Table 42: Mitsubishi Electric Company Information
- Table 43: Mitsubishi Electric Business Overview
- Table 44: Mitsubishi Electric SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Mitsubishi Electric SiC MOSFET for Charging Pile Product Portfolio
- Table 46: Mitsubishi Electric Recent Development
- Table 47: Rockwill Electric GROUP Company Information
- Table 48: Rockwill Electric GROUP Business Overview

- Table 49: Rockwill Electric GROUP SiC MOSFET for Charging Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: Rockwill Electric GROUP SiC MOSFET for Charging Pile Product Portfolio
- Table 51: Rockwill Electric GROUP Recent Development
- Table 52: Novus Semiconductors Company Information
- Table 53: Novus Semiconductors Business Overview
- Table 54: Novus Semiconductors SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: Novus Semiconductors SiC MOSFET for Charging Pile Product Portfolio
- Table 56: Novus Semiconductors Recent Development
- Table 57: ARK Microelectronics Company Information
- Table 58: ARK Microelectronics Business Overview
- Table 59: ARK Microelectronics SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: ARK Microelectronics SiC MOSFET for Charging Pile Product Portfolio
- Table 61: ARK Microelectronics Recent Development
- Table 62: Suzhou Convert Semiconductor Company Information
- Table 63: Suzhou Convert Semiconductor Business Overview
- Table 64: Suzhou Convert Semiconductor SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: Suzhou Convert Semiconductor SiC MOSFET for Charging Pile Product Portfolio
- Table 66: Suzhou Convert Semiconductor Recent Development
- Table 67: GOODWORK Semiconductor Company Information
- Table 68: GOODWORK Semiconductor Business Overview
- Table 69: GOODWORK Semiconductor SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: GOODWORK Semiconductor SiC MOSFET for Charging Pile Product Portfolio
- Table 71: GOODWORK Semiconductor Recent Development
- Table 72: Sanan IC Company Information
- Table 73: Sanan IC Business Overview
- Table 74: Sanan IC SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Sanan IC SiC MOSFET for Charging Pile Product Portfolio
- Table 76: Sanan IC Recent Development
- Table 77: KIA Semiconductor Company Information
- Table 78: KIA Semiconductor Business Overview
- Table 79: KIA Semiconductor SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: KIA Semiconductor SiC MOSFET for Charging Pile Product Portfolio
- Table 81: KIA Semiconductor Recent Development
- Table 82: Shenzhen SikorMicro Semicon Company Information
- Table 83: Shenzhen SikorMicro Semicon Business Overview
- Table 84: Shenzhen SikorMicro Semicon SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: Shenzhen SikorMicro Semicon SiC MOSFET for Charging Pile Product Portfolio
- Table 86: Shenzhen SikorMicro Semicon Recent Development
- Table 87: CoolSemi Company Information
- Table 88: CoolSemi Business Overview
- Table 89: CoolSemi SiC MOSFET for Charging Pile Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 90: CoolSemi SiC MOSFET for Charging Pile Product Portfolio
- Table 91: CoolSemi Recent Development
- Table 92: Global SiC MOSFET for Charging Pile Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 93: Global SiC MOSFET for Charging Pile Production by Region (2021-2026) & (k units)
- Table 94: Global SiC MOSFET for Charging Pile Production Market Share by Region (2021-2026)
- Table 95: Global SiC MOSFET for Charging Pile Production Forecast by Region (2027-2032) & (k units)
- Table 96: Global SiC MOSFET for Charging Pile Production Market Share Forecast by Region (2027-2032)
- Table 97: Global SiC MOSFET for Charging Pile Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 98: Global SiC MOSFET for Charging Pile Production Value by Region (2021-2026) & (US\$ Million)
- Table 99: Global SiC MOSFET for Charging Pile Production Value Market Share by Region (2021-2026)
- Table 100: Global SiC MOSFET for Charging Pile Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 101: Global SiC MOSFET for Charging Pile Market Average Price (USD/unit) by Region (2021-2026)
- Table 102: Global SiC MOSFET for Charging Pile Market Average Price (USD/unit) by Region (2027-2032)
- Table 103: Global SiC MOSFET for Charging Pile Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)

- Table 104: Global SiC MOSFET for Charging Pile Consumption by Region (2021-2026) & (k units)
- Table 105: Global SiC MOSFET for Charging Pile Consumption Market Share by Region (2021-2026)
- Table 106: Global SiC MOSFET for Charging Pile Forecasted Consumption by Region (2027-2032) & (k units)
- Table 107: Global SiC MOSFET for Charging Pile Forecasted Consumption Market Share by Region (2027-2032)
- Table 108: North America SiC MOSFET for Charging Pile Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 109: North America SiC MOSFET for Charging Pile Consumption by Country (2021-2026) & (k units)
- Table 110: North America SiC MOSFET for Charging Pile Consumption by Country (2027-2032) & (k units)
- Table 111: Europe SiC MOSFET for Charging Pile Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 112: Europe SiC MOSFET for Charging Pile Consumption by Country (2021-2026) & (k units)
- Table 113: Europe SiC MOSFET for Charging Pile Consumption by Country (2027-2032) & (k units)
- Table 114: Asia Pacific SiC MOSFET for Charging Pile Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 115: Asia Pacific SiC MOSFET for Charging Pile Consumption by Country (2021-2026) & (k units)
- Table 116: Asia Pacific SiC MOSFET for Charging Pile Consumption by Country (2027-2032) & (k units)
- Table 117: South America, Middle East & Africa SiC MOSFET for Charging Pile Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 118: South America, Middle East & Africa SiC MOSFET for Charging Pile Consumption by Country (2021-2026) & (k units)
- Table 119: South America, Middle East & Africa SiC MOSFET for Charging Pile Consumption by Country (2027-2032) & (k units)
- Table 120: Global SiC MOSFET for Charging Pile Production by Type (2021-2026) & (k units)
- Table 121: Global SiC MOSFET for Charging Pile Production by Type (2027-2032) & (k units)
- Table 122: Global SiC MOSFET for Charging Pile Production Market Share by Type (2021-2026)
- Table 123: Global SiC MOSFET for Charging Pile Production Market Share by Type (2027-2032)
- Table 124: Global SiC MOSFET for Charging Pile Production Value by Type (2021-2026) & (US\$ Million)
- Table 125: Global SiC MOSFET for Charging Pile Production Value by Type (2027-2032) & (US\$ Million)
- Table 126: Global SiC MOSFET for Charging Pile Production Value Market Share by Type (2021-2026)
- Table 127: Global SiC MOSFET for Charging Pile Production Value Market Share by Type (2027-2032)
- Table 128: Global SiC MOSFET for Charging Pile Price by Type (2021-2026) & (USD/unit)
- Table 129: Global SiC MOSFET for Charging Pile Price by Type (2027-2032) & (USD/unit)
- Table 130: Global SiC MOSFET for Charging Pile Production by Application (2021-2026) & (k units)
- Table 131: Global SiC MOSFET for Charging Pile Production by Application (2027-2032) & (k units)
- Table 132: Global SiC MOSFET for Charging Pile Production Market Share by Application (2021-2026)
- Table 133: Global SiC MOSFET for Charging Pile Production Market Share by Application (2027-2032)
- Table 134: Global SiC MOSFET for Charging Pile Production Value by Application (2021-2026) & (US\$ Million)
- Table 135: Global SiC MOSFET for Charging Pile Production Value by Application (2027-2032) & (US\$ Million)
- Table 136: Global SiC MOSFET for Charging Pile Production Value Market Share by Application (2021-2026)
- Table 137: Global SiC MOSFET for Charging Pile Production Value Market Share by Application (2027-2032)
- Table 138: Global SiC MOSFET for Charging Pile Price by Application (2021-2026) & (USD/unit)
- Table 139: Global SiC MOSFET for Charging Pile Price by Application (2027-2032) & (USD/unit)
- Table 140: Key Raw Materials
- Table 141: Raw Materials Key Suppliers
- Table 142: SiC MOSFET for Charging Pile Distributors List
- Table 143: SiC MOSFET for Charging Pile Customers List
- Table 144: SiC MOSFET for Charging Pile Industry Trends
- Table 145: SiC MOSFET for Charging Pile Industry Drivers
- Table 146: SiC MOSFET for Charging Pile Industry Restraints
- Table 147: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: SiC MOSFET for Charging Pile Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Discrete Silicon Carbide MOSFET Product Image
- Figure 7: Bare Die Silicon Carbide MOSFET Product Image
- Figure 8: Other Product Image
- Figure 9: Residential Product Image
- Figure 10: Commercial Product Image
- Figure 11: Global SiC MOSFET for Charging Pile Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 12: Global SiC MOSFET for Charging Pile Production Value (2021-2032) & (US\$ Million)
- Figure 13: Global SiC MOSFET for Charging Pile Production Capacity (2021-2032) & (k units)

- Figure 14: Global SiC MOSFET for Charging Pile Production (2021-2032) & (k units)
- Figure 15: Global SiC MOSFET for Charging Pile Average Price (USD/unit) & (2021-2032)
- Figure 16: Global SiC MOSFET for Charging Pile Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 17: Global Top 5 and 10 SiC MOSFET for Charging Pile Players Market Share by Production Value in 2025
- Figure 18: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 19: Global SiC MOSFET for Charging Pile Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 20: Global SiC MOSFET for Charging Pile Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 21: Global SiC MOSFET for Charging Pile Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 22: Global SiC MOSFET for Charging Pile Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 23: North America SiC MOSFET for Charging Pile Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 24: Europe SiC MOSFET for Charging Pile Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 25: China SiC MOSFET for Charging Pile Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: Japan SiC MOSFET for Charging Pile Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: South Korea SiC MOSFET for Charging Pile Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Global SiC MOSFET for Charging Pile Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 29: Global SiC MOSFET for Charging Pile Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 30: North America SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 31: North America SiC MOSFET for Charging Pile Consumption Market Share by Country (2021-2032)
- Figure 32: United States SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 33: United States SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 34: Canada SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: Mexico SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 36: Europe SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: Europe SiC MOSFET for Charging Pile Consumption Market Share by Country (2021-2032)
- Figure 38: Germany SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: France SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: U.K. SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: Italy SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: Russia SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Spain SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: Netherlands SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Switzerland SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Sweden SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Poland SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Asia Pacific SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Asia Pacific SiC MOSFET for Charging Pile Consumption Market Share by Country (2021-2032)
- Figure 50: China SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Japan SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: South Korea SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: India SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: Australia SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Taiwan SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: Southeast Asia SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: South America, Middle East & Africa SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: South America, Middle East & Africa SiC MOSFET for Charging Pile Consumption Market Share by Country (2021-2032)
- Figure 59: Brazil SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: Argentina SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: Chile SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Turkey SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: GCC Countries SiC MOSFET for Charging Pile Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: Global SiC MOSFET for Charging Pile Production Market Share by Type (2021-2032)
- Figure 65: Global SiC MOSFET for Charging Pile Production Value Market Share by Type (2021-2032)
- Figure 66: Global SiC MOSFET for Charging Pile Price (USD/unit) by Type (2021-2032)
- Figure 67: Global SiC MOSFET for Charging Pile Production Market Share by Application (2021-2032)
- Figure 68: Global SiC MOSFET for Charging Pile Production Value Market Share by Application (2021-2032)
- Figure 69: Global SiC MOSFET for Charging Pile Price (USD/unit) by Application (2021-2032)
- Figure 70: SiC MOSFET for Charging Pile Value Chain
- Figure 71: SiC MOSFET for Charging Pile Production Mode & Process
- Figure 72: Direct Comparison with Distribution Share
- Figure 73: Distributors Profiles
- Figure 74: SiC MOSFET for Charging Pile Industry Opportunities and Challenges

