

Global New Energy Vehicle Power Chip Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G8C5A54B0BE2EN.html>

Date: April 2026

Pages: 192

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

ID: G8C5A54B0BE2EN

Abstracts

The global New Energy Vehicle Power Chip market size is expected to reach \$ 17665 million by 2032, rising at a market growth of 20.1% CAGR during the forecast period (2026-2032).

New Energy Vehicle Power Chips are core semiconductor devices used in the power electronics systems of battery electric vehicles, plug-in hybrid electric vehicles, and extended-range electric vehicles, where they perform essential functions including power conversion, energy control, and electrical management. These chips are widely deployed in traction inverters, onboard chargers, DC/DC converters, auxiliary power supplies for battery management systems, electric compressors, electric power steering systems, and high-voltage power distribution units. They are designed to address the demanding requirements of new energy vehicles under high-voltage, high-current, and high-frequency operating conditions, helping improve energy conversion efficiency, reduce power loss and heat generation, enhance system compactness, and ensure automotive-grade reliability over long service cycles. The development of new energy vehicle power chips has closely followed the electrification of the automotive industry. Early generations were mainly based on silicon IGBT and MOSFET technologies for motor drive and basic power conversion, while the shift toward higher-voltage vehicle platforms, faster charging systems, and more efficient drivetrains has accelerated the adoption of advanced wide-bandgap semiconductor materials such as silicon carbide. As a result, the industry is moving toward higher efficiency, higher switching frequency, and smaller, lighter, and more integrated vehicle power systems. Upstream of this industry are key materials such as silicon wafers, silicon carbide substrates, epitaxial wafers, photoresists, masks, electronic gases, wet chemicals, and sputtering targets, together with supporting components including leadframes, bonding wires, package substrates, ceramic substrates, thermal interface materials, encapsulation resins, and

connectors, as well as semiconductor manufacturing equipment and process technologies used in lithography, etching, ion implantation, thin-film deposition, dicing, packaging, and testing. In 2025, the global production capacity of new energy vehicle power chips is estimated at approximately 450 million units, while sales volume is expected to reach about 367 million units. The average selling price is around USD 13.1 per unit, and the gross profit margin of manufacturers is estimated to range from 30% to 40%.

The new energy vehicle power chip market is now moving from a phase driven mainly by electrification penetration into one shaped by higher-voltage architectures, platform upgrading, and parallel technology adoption. Traction inverters, onboard chargers, DC/DC converters, and high-voltage power distribution units remain the most important application areas. IGBTs still retain a broad base in mainstream vehicle platforms, while silicon carbide is accelerating its penetration in premium vehicles, 800V systems, and efficiency-focused architectures. As automakers continue to push for longer driving range, faster charging, better thermal performance, and improved vehicle efficiency, power chips are becoming more deeply integrated with e-drive systems, charging systems, and the overall vehicle electrical architecture. As a result, competition is shifting away from standalone device specifications toward system-level compatibility, automotive-grade reliability, supply assurance, and co-development capability with vehicle manufacturers.

Looking ahead, the market is likely to evolve toward higher-voltage platforms, more efficient topologies, greater packaging integration, and a more structured division of roles among different semiconductor materials. As 800V and higher-voltage systems expand into a wider range of vehicle segments, SiC is expected to gain further ground in high-voltage, high-power applications such as traction inverters. At the same time, GaN is beginning to show complementary potential in onboard chargers and auxiliary power systems, suggesting that the future of vehicle power chips will not be defined by one material replacing all others, but by IGBT, SiC, and GaN being deployed according to power level, cost target, and application requirement. In parallel, leading suppliers are investing in 200mm SiC manufacturing, advanced packaging, and vertically integrated supply chains, highlighting that long-term competitiveness will depend on manufacturing consistency, cost reduction, delivery capability, and the ability to work with OEMs on next-generation vehicle platforms.

At the same time, the market still faces meaningful constraints. Automotive power chips must meet extremely demanding standards in reliability, lifetime, consistency, and functional safety, which means qualification cycles are long and barriers to entry remain

high. SiC offers strong advantages in efficiency and power density, but its broader adoption is still affected by substrate cost, manufacturing complexity, yield, and packaging economics, while IGBT continues to be highly competitive in cost-sensitive models and mature vehicle platforms. In addition, the market is influenced by fluctuations in vehicle demand, inventory corrections, price pressure, and the restructuring of global supply chains. This means suppliers must manage not only technology transitions, but also capacity utilization, customer relationships, regional manufacturing strategies, and supply resilience. Overall, the main growth drivers remain higher-voltage vehicles, faster charging, and efficiency optimization, while the key restraints lie in cost control, qualification timelines, and supply-chain maturity.

This report studies the global New Energy Vehicle Power Chip production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for New Energy Vehicle Power Chip 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 New Energy Vehicle Power Chip that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global New Energy Vehicle Power Chip total production and demand, 2021-2032, (K Units)

Global New Energy Vehicle Power Chip total production value, 2021-2032, (USD Million)

Global New Energy Vehicle Power Chip production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global New Energy Vehicle Power Chip consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: New Energy Vehicle Power Chip domestic production, consumption, key domestic manufacturers and share

Global New Energy Vehicle Power Chip production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global New Energy Vehicle Power Chip production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global New Energy Vehicle Power Chip production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global New Energy Vehicle Power Chip 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 STMicroelectronics, Infineon, Wolfspeed, Rohm, onsemi, BYD Semiconductor, Microchip (Microsemi), Mitsubishi Electric (Vincotech), Semikron Danfoss, Fuji Electric, 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 New Energy Vehicle Power Chip market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) 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 New Energy Vehicle Power Chip Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global New Energy Vehicle Power Chip Market, Segmentation by Type:

SiC MOSFET Modules

SiC MOSFET Discretets

SiC Diode/SBD

Global New Energy Vehicle Power Chip Market, Segmentation by Wafer Size:

4-inch SiC Power Chip

6-inch SiC Power Chip

8-inch SiC Power Chip

Global New Energy Vehicle Power Chip Market, Segmentation by Voltage Range:

Below 650V SiC Power Chip

650V-1200V SiC Power Chip

Above 1200V SiC Power Chip

Global New Energy Vehicle Power Chip Market, Segmentation by Application:

Motor Drive

Battery Management

Air Conditioning Drive

Others

Companies Profiled:

STMicroelectronics

Infineon

Wolfspeed

Rohm

onsemi

BYD Semiconductor

Microchip (Microsemi)

Mitsubishi Electric (Vincotech)

Semikron Danfoss

Fuji Electric

Navitas (GeneSiC)

Toshiba

Qorvo (UnitedSiC)

San'an Optoelectronics

Littelfuse (IXYS)

CETC 55

WeEn Semiconductors

BASiC Semiconductor

SemiQ

Diodes Incorporated

SanRex

Alpha & Omega Semiconductor

Bosch

KEC Corporation

PANJIT Group

Nexperia

Vishay Intertechnology

Zhuzhou CRRC Times Electric

China Resources Microelectronics Limited

Key Questions Answered:

1. How big is the global New Energy Vehicle Power Chip market?
2. What is the demand of the global New Energy Vehicle Power Chip market?
3. What is the year over year growth of the global New Energy Vehicle Power Chip market?
4. What is the production and production value of the global New Energy Vehicle Power Chip market?
5. Who are the key producers in the global New Energy Vehicle Power Chip market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 New Energy Vehicle Power Chip Introduction
- 1.2 World New Energy Vehicle Power Chip Supply & Forecast
 - 1.2.1 World New Energy Vehicle Power Chip Production Value (2021 & 2025 & 2032)
 - 1.2.2 World New Energy Vehicle Power Chip Production (2021-2032)
 - 1.2.3 World New Energy Vehicle Power Chip Pricing Trends (2021-2032)
- 1.3 World New Energy Vehicle Power Chip Production by Region (Based on Production Site)
 - 1.3.1 World New Energy Vehicle Power Chip Production Value by Region (2021-2032)
 - 1.3.2 World New Energy Vehicle Power Chip Production by Region (2021-2032)
 - 1.3.3 World New Energy Vehicle Power Chip Average Price by Region (2021-2032)
 - 1.3.4 North America New Energy Vehicle Power Chip Production (2021-2032)
 - 1.3.5 Europe New Energy Vehicle Power Chip Production (2021-2032)
 - 1.3.6 China New Energy Vehicle Power Chip Production (2021-2032)
 - 1.3.7 Japan New Energy Vehicle Power Chip Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 New Energy Vehicle Power Chip Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 New Energy Vehicle Power Chip Major Market Trends

2 DEMAND SUMMARY

- 2.1 World New Energy Vehicle Power Chip Demand (2021-2032)
- 2.2 World New Energy Vehicle Power Chip Consumption by Region
 - 2.2.1 World New Energy Vehicle Power Chip Consumption by Region (2021-2026)
 - 2.2.2 World New Energy Vehicle Power Chip Consumption Forecast by Region (2027-2032)
- 2.3 United States New Energy Vehicle Power Chip Consumption (2021-2032)
- 2.4 China New Energy Vehicle Power Chip Consumption (2021-2032)
- 2.5 Europe New Energy Vehicle Power Chip Consumption (2021-2032)
- 2.6 Japan New Energy Vehicle Power Chip Consumption (2021-2032)
- 2.7 South Korea New Energy Vehicle Power Chip Consumption (2021-2032)
- 2.8 ASEAN New Energy Vehicle Power Chip Consumption (2021-2032)
- 2.9 India New Energy Vehicle Power Chip Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World New Energy Vehicle Power Chip Production Value by Manufacturer (2021-2026)
- 3.2 World New Energy Vehicle Power Chip Production by Manufacturer (2021-2026)
- 3.3 World New Energy Vehicle Power Chip Average Price by Manufacturer (2021-2026)
- 3.4 New Energy Vehicle Power Chip Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global New Energy Vehicle Power Chip Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for New Energy Vehicle Power Chip in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for New Energy Vehicle Power Chip in 2025
- 3.6 New Energy Vehicle Power Chip Market: Overall Company Footprint Analysis
 - 3.6.1 New Energy Vehicle Power Chip Market: Region Footprint
 - 3.6.2 New Energy Vehicle Power Chip Market: Company Product Type Footprint
 - 3.6.3 New Energy Vehicle Power Chip 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: New Energy Vehicle Power Chip Production Value Comparison
 - 4.1.1 United States VS China: New Energy Vehicle Power Chip Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: New Energy Vehicle Power Chip Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: New Energy Vehicle Power Chip Production Comparison
 - 4.2.1 United States VS China: New Energy Vehicle Power Chip Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: New Energy Vehicle Power Chip Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: New Energy Vehicle Power Chip Consumption Comparison
 - 4.3.1 United States VS China: New Energy Vehicle Power Chip Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: New Energy Vehicle Power Chip Consumption Market

Share Comparison (2021 & 2025 & 2032)

4.4 United States Based New Energy Vehicle Power Chip Manufacturers and Market Share, 2021-2026

4.4.1 United States Based New Energy Vehicle Power Chip Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers New Energy Vehicle Power Chip Production Value (2021-2026)

4.4.3 United States Based Manufacturers New Energy Vehicle Power Chip Production (2021-2026)

4.5 China Based New Energy Vehicle Power Chip Manufacturers and Market Share

4.5.1 China Based New Energy Vehicle Power Chip Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers New Energy Vehicle Power Chip Production Value (2021-2026)

4.5.3 China Based Manufacturers New Energy Vehicle Power Chip Production (2021-2026)

4.6 Rest of World Based New Energy Vehicle Power Chip Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based New Energy Vehicle Power Chip Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers New Energy Vehicle Power Chip Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers New Energy Vehicle Power Chip Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World New Energy Vehicle Power Chip Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 SiC MOSFET Modules

5.2.2 SiC MOSFET Discrettes

5.2.3 SiC Diode/SBD

5.3 Market Segment by Type

5.3.1 World New Energy Vehicle Power Chip Production by Type (2021-2032)

5.3.2 World New Energy Vehicle Power Chip Production Value by Type (2021-2032)

5.3.3 World New Energy Vehicle Power Chip Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY WAFER SIZE

6.1 World New Energy Vehicle Power Chip Market Size Overview by Wafer Size: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Wafer Size

6.2.1 4-inch SiC Power Chip

6.2.2 6-inch SiC Power Chip

6.2.3 8-inch SiC Power Chip

6.3 Market Segment by Wafer Size

6.3.1 World New Energy Vehicle Power Chip Production by Wafer Size (2021-2032)

6.3.2 World New Energy Vehicle Power Chip Production Value by Wafer Size (2021-2032)

6.3.3 World New Energy Vehicle Power Chip Average Price by Wafer Size (2021-2032)

7 MARKET ANALYSIS BY VOLTAGE RANGE

7.1 World New Energy Vehicle Power Chip Market Size Overview by Voltage Range: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Voltage Range

7.2.1 Below 650V SiC Power Chip

7.2.2 650V-1200V SiC Power Chip

7.2.3 Above 1200V SiC Power Chip

7.3 Market Segment by Voltage Range

7.3.1 World New Energy Vehicle Power Chip Production by Voltage Range (2021-2032)

7.3.2 World New Energy Vehicle Power Chip Production Value by Voltage Range (2021-2032)

7.3.3 World New Energy Vehicle Power Chip Average Price by Voltage Range (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World New Energy Vehicle Power Chip Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Motor Drive

8.2.2 Battery Management

8.2.3 Air Conditioning Drive

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World New Energy Vehicle Power Chip Production by Application (2021-2032)

8.3.2 World New Energy Vehicle Power Chip Production Value by Application (2021-2032)

8.3.3 World New Energy Vehicle Power Chip Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 STMicroelectronics

9.1.1 STMicroelectronics Details

9.1.2 STMicroelectronics Major Business

9.1.3 STMicroelectronics New Energy Vehicle Power Chip Product and Services

9.1.4 STMicroelectronics New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 STMicroelectronics Recent Developments/Updates

9.1.6 STMicroelectronics Competitive Strengths & Weaknesses

9.2 Infineon

9.2.1 Infineon Details

9.2.2 Infineon Major Business

9.2.3 Infineon New Energy Vehicle Power Chip Product and Services

9.2.4 Infineon New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Infineon Recent Developments/Updates

9.2.6 Infineon Competitive Strengths & Weaknesses

9.3 Wolfspeed

9.3.1 Wolfspeed Details

9.3.2 Wolfspeed Major Business

9.3.3 Wolfspeed New Energy Vehicle Power Chip Product and Services

9.3.4 Wolfspeed New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Wolfspeed Recent Developments/Updates

9.3.6 Wolfspeed Competitive Strengths & Weaknesses

9.4 Rohm

9.4.1 Rohm Details

9.4.2 Rohm Major Business

9.4.3 Rohm New Energy Vehicle Power Chip Product and Services

9.4.4 Rohm New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.4.5 Rohm Recent Developments/Updates
- 9.4.6 Rohm Competitive Strengths & Weaknesses
- 9.5 onsemi
 - 9.5.1 onsemi Details
 - 9.5.2 onsemi Major Business
 - 9.5.3 onsemi New Energy Vehicle Power Chip Product and Services
 - 9.5.4 onsemi New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 onsemi Recent Developments/Updates
 - 9.5.6 onsemi Competitive Strengths & Weaknesses
- 9.6 BYD Semiconductor
 - 9.6.1 BYD Semiconductor Details
 - 9.6.2 BYD Semiconductor Major Business
 - 9.6.3 BYD Semiconductor New Energy Vehicle Power Chip Product and Services
 - 9.6.4 BYD Semiconductor New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 BYD Semiconductor Recent Developments/Updates
 - 9.6.6 BYD Semiconductor Competitive Strengths & Weaknesses
- 9.7 Microchip (Microsemi)
 - 9.7.1 Microchip (Microsemi) Details
 - 9.7.2 Microchip (Microsemi) Major Business
 - 9.7.3 Microchip (Microsemi) New Energy Vehicle Power Chip Product and Services
 - 9.7.4 Microchip (Microsemi) New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Microchip (Microsemi) Recent Developments/Updates
 - 9.7.6 Microchip (Microsemi) Competitive Strengths & Weaknesses
- 9.8 Mitsubishi Electric (Vincotech)
 - 9.8.1 Mitsubishi Electric (Vincotech) Details
 - 9.8.2 Mitsubishi Electric (Vincotech) Major Business
 - 9.8.3 Mitsubishi Electric (Vincotech) New Energy Vehicle Power Chip Product and Services
 - 9.8.4 Mitsubishi Electric (Vincotech) New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Mitsubishi Electric (Vincotech) Recent Developments/Updates
 - 9.8.6 Mitsubishi Electric (Vincotech) Competitive Strengths & Weaknesses
- 9.9 Semikron Danfoss
 - 9.9.1 Semikron Danfoss Details
 - 9.9.2 Semikron Danfoss Major Business
 - 9.9.3 Semikron Danfoss New Energy Vehicle Power Chip Product and Services

- 9.9.4 Semikron Danfoss New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.9.5 Semikron Danfoss Recent Developments/Updates
- 9.9.6 Semikron Danfoss Competitive Strengths & Weaknesses
- 9.10 Fuji Electric
 - 9.10.1 Fuji Electric Details
 - 9.10.2 Fuji Electric Major Business
 - 9.10.3 Fuji Electric New Energy Vehicle Power Chip Product and Services
 - 9.10.4 Fuji Electric New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Fuji Electric Recent Developments/Updates
 - 9.10.6 Fuji Electric Competitive Strengths & Weaknesses
- 9.11 Navitas (GeneSiC)
 - 9.11.1 Navitas (GeneSiC) Details
 - 9.11.2 Navitas (GeneSiC) Major Business
 - 9.11.3 Navitas (GeneSiC) New Energy Vehicle Power Chip Product and Services
 - 9.11.4 Navitas (GeneSiC) New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 Navitas (GeneSiC) Recent Developments/Updates
 - 9.11.6 Navitas (GeneSiC) Competitive Strengths & Weaknesses
- 9.12 Toshiba
 - 9.12.1 Toshiba Details
 - 9.12.2 Toshiba Major Business
 - 9.12.3 Toshiba New Energy Vehicle Power Chip Product and Services
 - 9.12.4 Toshiba New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Toshiba Recent Developments/Updates
 - 9.12.6 Toshiba Competitive Strengths & Weaknesses
- 9.13 Qorvo (UnitedSiC)
 - 9.13.1 Qorvo (UnitedSiC) Details
 - 9.13.2 Qorvo (UnitedSiC) Major Business
 - 9.13.3 Qorvo (UnitedSiC) New Energy Vehicle Power Chip Product and Services
 - 9.13.4 Qorvo (UnitedSiC) New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Qorvo (UnitedSiC) Recent Developments/Updates
 - 9.13.6 Qorvo (UnitedSiC) Competitive Strengths & Weaknesses
- 9.14 San'an Optoelectronics
 - 9.14.1 San'an Optoelectronics Details
 - 9.14.2 San'an Optoelectronics Major Business

- 9.14.3 San'an Optoelectronics New Energy Vehicle Power Chip Product and Services
- 9.14.4 San'an Optoelectronics New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.14.5 San'an Optoelectronics Recent Developments/Updates
- 9.14.6 San'an Optoelectronics Competitive Strengths & Weaknesses
- 9.15 Littelfuse (IXYS)
 - 9.15.1 Littelfuse (IXYS) Details
 - 9.15.2 Littelfuse (IXYS) Major Business
 - 9.15.3 Littelfuse (IXYS) New Energy Vehicle Power Chip Product and Services
 - 9.15.4 Littelfuse (IXYS) New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Littelfuse (IXYS) Recent Developments/Updates
 - 9.15.6 Littelfuse (IXYS) Competitive Strengths & Weaknesses
- 9.16 CETC 55
 - 9.16.1 CETC 55 Details
 - 9.16.2 CETC 55 Major Business
 - 9.16.3 CETC 55 New Energy Vehicle Power Chip Product and Services
 - 9.16.4 CETC 55 New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 CETC 55 Recent Developments/Updates
 - 9.16.6 CETC 55 Competitive Strengths & Weaknesses
- 9.17 WeEn Semiconductors
 - 9.17.1 WeEn Semiconductors Details
 - 9.17.2 WeEn Semiconductors Major Business
 - 9.17.3 WeEn Semiconductors New Energy Vehicle Power Chip Product and Services
 - 9.17.4 WeEn Semiconductors New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.17.5 WeEn Semiconductors Recent Developments/Updates
 - 9.17.6 WeEn Semiconductors Competitive Strengths & Weaknesses
- 9.18 BASiC Semiconductor
 - 9.18.1 BASiC Semiconductor Details
 - 9.18.2 BASiC Semiconductor Major Business
 - 9.18.3 BASiC Semiconductor New Energy Vehicle Power Chip Product and Services
 - 9.18.4 BASiC Semiconductor New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.18.5 BASiC Semiconductor Recent Developments/Updates
 - 9.18.6 BASiC Semiconductor Competitive Strengths & Weaknesses
- 9.19 SemiQ
 - 9.19.1 SemiQ Details

- 9.19.2 SemiQ Major Business
- 9.19.3 SemiQ New Energy Vehicle Power Chip Product and Services
- 9.19.4 SemiQ New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.19.5 SemiQ Recent Developments/Updates
- 9.19.6 SemiQ Competitive Strengths & Weaknesses
- 9.20 Diodes Incorporated
 - 9.20.1 Diodes Incorporated Details
 - 9.20.2 Diodes Incorporated Major Business
 - 9.20.3 Diodes Incorporated New Energy Vehicle Power Chip Product and Services
 - 9.20.4 Diodes Incorporated New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.20.5 Diodes Incorporated Recent Developments/Updates
 - 9.20.6 Diodes Incorporated Competitive Strengths & Weaknesses
- 9.21 SanRex
 - 9.21.1 SanRex Details
 - 9.21.2 SanRex Major Business
 - 9.21.3 SanRex New Energy Vehicle Power Chip Product and Services
 - 9.21.4 SanRex New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.21.5 SanRex Recent Developments/Updates
 - 9.21.6 SanRex Competitive Strengths & Weaknesses
- 9.22 Alpha & Omega Semiconductor
 - 9.22.1 Alpha & Omega Semiconductor Details
 - 9.22.2 Alpha & Omega Semiconductor Major Business
 - 9.22.3 Alpha & Omega Semiconductor New Energy Vehicle Power Chip Product and Services
 - 9.22.4 Alpha & Omega Semiconductor New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.22.5 Alpha & Omega Semiconductor Recent Developments/Updates
 - 9.22.6 Alpha & Omega Semiconductor Competitive Strengths & Weaknesses
- 9.23 Bosch
 - 9.23.1 Bosch Details
 - 9.23.2 Bosch Major Business
 - 9.23.3 Bosch New Energy Vehicle Power Chip Product and Services
 - 9.23.4 Bosch New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.23.5 Bosch Recent Developments/Updates
 - 9.23.6 Bosch Competitive Strengths & Weaknesses

9.24 KEC Corporation

9.24.1 KEC Corporation Details

9.24.2 KEC Corporation Major Business

9.24.3 KEC Corporation New Energy Vehicle Power Chip Product and Services

9.24.4 KEC Corporation New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.24.5 KEC Corporation Recent Developments/Updates

9.24.6 KEC Corporation Competitive Strengths & Weaknesses

9.25 PANJIT Group

9.25.1 PANJIT Group Details

9.25.2 PANJIT Group Major Business

9.25.3 PANJIT Group New Energy Vehicle Power Chip Product and Services

9.25.4 PANJIT Group New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.25.5 PANJIT Group Recent Developments/Updates

9.25.6 PANJIT Group Competitive Strengths & Weaknesses

9.26 Nexperia

9.26.1 Nexperia Details

9.26.2 Nexperia Major Business

9.26.3 Nexperia New Energy Vehicle Power Chip Product and Services

9.26.4 Nexperia New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.26.5 Nexperia Recent Developments/Updates

9.26.6 Nexperia Competitive Strengths & Weaknesses

9.27 Vishay Intertechnology

9.27.1 Vishay Intertechnology Details

9.27.2 Vishay Intertechnology Major Business

9.27.3 Vishay Intertechnology New Energy Vehicle Power Chip Product and Services

9.27.4 Vishay Intertechnology New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.27.5 Vishay Intertechnology Recent Developments/Updates

9.27.6 Vishay Intertechnology Competitive Strengths & Weaknesses

9.28 Zhuzhou CRRC Times Electric

9.28.1 Zhuzhou CRRC Times Electric Details

9.28.2 Zhuzhou CRRC Times Electric Major Business

9.28.3 Zhuzhou CRRC Times Electric New Energy Vehicle Power Chip Product and Services

9.28.4 Zhuzhou CRRC Times Electric New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.28.5 Zhuzhou CRRC Times Electric Recent Developments/Updates
- 9.28.6 Zhuzhou CRRC Times Electric Competitive Strengths & Weaknesses
- 9.29 China Resources Microelectronics Limited
 - 9.29.1 China Resources Microelectronics Limited Details
 - 9.29.2 China Resources Microelectronics Limited Major Business
 - 9.29.3 China Resources Microelectronics Limited New Energy Vehicle Power Chip Product and Services
 - 9.29.4 China Resources Microelectronics Limited New Energy Vehicle Power Chip Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.29.5 China Resources Microelectronics Limited Recent Developments/Updates
 - 9.29.6 China Resources Microelectronics Limited Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 New Energy Vehicle Power Chip Industry Chain
- 10.2 New Energy Vehicle Power Chip Upstream Analysis
 - 10.2.1 New Energy Vehicle Power Chip Core Raw Materials
 - 10.2.2 Main Manufacturers of New Energy Vehicle Power Chip Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 New Energy Vehicle Power Chip Production Mode
- 10.6 New Energy Vehicle Power Chip Procurement Model
- 10.7 New Energy Vehicle Power Chip Industry Sales Model and Sales Channels
 - 10.7.1 New Energy Vehicle Power Chip Sales Model
 - 10.7.2 New Energy Vehicle Power Chip 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 New Energy Vehicle Power Chip Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World New Energy Vehicle Power Chip Production Value by Region (2021-2026) & (USD Million)

Table 3. World New Energy Vehicle Power Chip Production Value by Region (2027-2032) & (USD Million)

Table 4. World New Energy Vehicle Power Chip Production Value Market Share by Region (2021-2026)

Table 5. World New Energy Vehicle Power Chip Production Value Market Share by Region (2027-2032)

Table 6. World New Energy Vehicle Power Chip Production by Region (2021-2026) & (K Units)

Table 7. World New Energy Vehicle Power Chip Production by Region (2027-2032) & (K Units)

Table 8. World New Energy Vehicle Power Chip Production Market Share by Region (2021-2026)

Table 9. World New Energy Vehicle Power Chip Production Market Share by Region (2027-2032)

Table 10. World New Energy Vehicle Power Chip Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World New Energy Vehicle Power Chip Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. New Energy Vehicle Power Chip Major Market Trends

Table 13. World New Energy Vehicle Power Chip Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World New Energy Vehicle Power Chip Consumption by Region (2021-2026) & (K Units)

Table 15. World New Energy Vehicle Power Chip Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World New Energy Vehicle Power Chip Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key New Energy Vehicle Power Chip Producers in 2025

Table 18. World New Energy Vehicle Power Chip Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key New Energy Vehicle Power Chip Producers in 2025

Table 20. World New Energy Vehicle Power Chip Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global New Energy Vehicle Power Chip Company Evaluation Quadrant

Table 22. World New Energy Vehicle Power Chip Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and New Energy Vehicle Power Chip Production Site of Key Manufacturer

Table 24. New Energy Vehicle Power Chip Market: Company Product Type Footprint

Table 25. New Energy Vehicle Power Chip Market: Company Product Application Footprint

Table 26. New Energy Vehicle Power Chip Competitive Factors

Table 27. New Energy Vehicle Power Chip New Entrant and Capacity Expansion Plans

Table 28. New Energy Vehicle Power Chip Mergers & Acquisitions Activity

Table 29. United States VS China New Energy Vehicle Power Chip Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China New Energy Vehicle Power Chip Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China New Energy Vehicle Power Chip Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based New Energy Vehicle Power Chip Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers New Energy Vehicle Power Chip Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers New Energy Vehicle Power Chip Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers New Energy Vehicle Power Chip Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers New Energy Vehicle Power Chip Production Market Share (2021-2026)

Table 37. China Based New Energy Vehicle Power Chip Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers New Energy Vehicle Power Chip Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers New Energy Vehicle Power Chip Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers New Energy Vehicle Power Chip Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers New Energy Vehicle Power Chip Production Market Share (2021-2026)

Table 42. Rest of World Based New Energy Vehicle Power Chip Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers New Energy Vehicle Power Chip Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers New Energy Vehicle Power Chip Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers New Energy Vehicle Power Chip Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers New Energy Vehicle Power Chip Production Market Share (2021-2026)

Table 47. World New Energy Vehicle Power Chip Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World New Energy Vehicle Power Chip Production by Type (2021-2026) & (K Units)

Table 49. World New Energy Vehicle Power Chip Production by Type (2027-2032) & (K Units)

Table 50. World New Energy Vehicle Power Chip Production Value by Type (2021-2026) & (USD Million)

Table 51. World New Energy Vehicle Power Chip Production Value by Type (2027-2032) & (USD Million)

Table 52. World New Energy Vehicle Power Chip Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World New Energy Vehicle Power Chip Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World New Energy Vehicle Power Chip Production Value by Wafer Size, (USD Million), 2021 & 2025 & 2032

Table 55. World New Energy Vehicle Power Chip Production by Wafer Size (2021-2026) & (K Units)

Table 56. World New Energy Vehicle Power Chip Production by Wafer Size (2027-2032) & (K Units)

Table 57. World New Energy Vehicle Power Chip Production Value by Wafer Size (2021-2026) & (USD Million)

Table 58. World New Energy Vehicle Power Chip Production Value by Wafer Size (2027-2032) & (USD Million)

Table 59. World New Energy Vehicle Power Chip Average Price by Wafer Size (2021-2026) & (US\$/Unit)

Table 60. World New Energy Vehicle Power Chip Average Price by Wafer Size

(2027-2032) & (US\$/Unit)

Table 61. World New Energy Vehicle Power Chip Production Value by Voltage Range, (USD Million), 2021 & 2025 & 2032

Table 62. World New Energy Vehicle Power Chip Production by Voltage Range (2021-2026) & (K Units)

Table 63. World New Energy Vehicle Power Chip Production by Voltage Range (2027-2032) & (K Units)

Table 64. World New Energy Vehicle Power Chip Production Value by Voltage Range (2021-2026) & (USD Million)

Table 65. World New Energy Vehicle Power Chip Production Value by Voltage Range (2027-2032) & (USD Million)

Table 66. World New Energy Vehicle Power Chip Average Price by Voltage Range (2021-2026) & (US\$/Unit)

Table 67. World New Energy Vehicle Power Chip Average Price by Voltage Range (2027-2032) & (US\$/Unit)

Table 68. World New Energy Vehicle Power Chip Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World New Energy Vehicle Power Chip Production by Application (2021-2026) & (K Units)

Table 70. World New Energy Vehicle Power Chip Production by Application (2027-2032) & (K Units)

Table 71. World New Energy Vehicle Power Chip Production Value by Application (2021-2026) & (USD Million)

Table 72. World New Energy Vehicle Power Chip Production Value by Application (2027-2032) & (USD Million)

Table 73. World New Energy Vehicle Power Chip Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World New Energy Vehicle Power Chip Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 76. STMicroelectronics Major Business

Table 77. STMicroelectronics New Energy Vehicle Power Chip Product and Services

Table 78. STMicroelectronics New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. STMicroelectronics Recent Developments/Updates

Table 80. STMicroelectronics Competitive Strengths & Weaknesses

Table 81. Infineon Basic Information, Manufacturing Base and Competitors

Table 82. Infineon Major Business

- Table 83. Infineon New Energy Vehicle Power Chip Product and Services
- Table 84. Infineon New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 85. Infineon Recent Developments/Updates
- Table 86. Infineon Competitive Strengths & Weaknesses
- Table 87. Wolfspeed Basic Information, Manufacturing Base and Competitors
- Table 88. Wolfspeed Major Business
- Table 89. Wolfspeed New Energy Vehicle Power Chip Product and Services
- Table 90. Wolfspeed New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. Wolfspeed Recent Developments/Updates
- Table 92. Wolfspeed Competitive Strengths & Weaknesses
- Table 93. Rohm Basic Information, Manufacturing Base and Competitors
- Table 94. Rohm Major Business
- Table 95. Rohm New Energy Vehicle Power Chip Product and Services
- Table 96. Rohm New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. Rohm Recent Developments/Updates
- Table 98. Rohm Competitive Strengths & Weaknesses
- Table 99. onsemi Basic Information, Manufacturing Base and Competitors
- Table 100. onsemi Major Business
- Table 101. onsemi New Energy Vehicle Power Chip Product and Services
- Table 102. onsemi New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. onsemi Recent Developments/Updates
- Table 104. onsemi Competitive Strengths & Weaknesses
- Table 105. BYD Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 106. BYD Semiconductor Major Business
- Table 107. BYD Semiconductor New Energy Vehicle Power Chip Product and Services
- Table 108. BYD Semiconductor New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. BYD Semiconductor Recent Developments/Updates
- Table 110. BYD Semiconductor Competitive Strengths & Weaknesses

- Table 111. Microchip (Microsemi) Basic Information, Manufacturing Base and Competitors
- Table 112. Microchip (Microsemi) Major Business
- Table 113. Microchip (Microsemi) New Energy Vehicle Power Chip Product and Services
- Table 114. Microchip (Microsemi) New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Microchip (Microsemi) Recent Developments/Updates
- Table 116. Microchip (Microsemi) Competitive Strengths & Weaknesses
- Table 117. Mitsubishi Electric (Vincotech) Basic Information, Manufacturing Base and Competitors
- Table 118. Mitsubishi Electric (Vincotech) Major Business
- Table 119. Mitsubishi Electric (Vincotech) New Energy Vehicle Power Chip Product and Services
- Table 120. Mitsubishi Electric (Vincotech) New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Mitsubishi Electric (Vincotech) Recent Developments/Updates
- Table 122. Mitsubishi Electric (Vincotech) Competitive Strengths & Weaknesses
- Table 123. Semikron Danfoss Basic Information, Manufacturing Base and Competitors
- Table 124. Semikron Danfoss Major Business
- Table 125. Semikron Danfoss New Energy Vehicle Power Chip Product and Services
- Table 126. Semikron Danfoss New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Semikron Danfoss Recent Developments/Updates
- Table 128. Semikron Danfoss Competitive Strengths & Weaknesses
- Table 129. Fuji Electric Basic Information, Manufacturing Base and Competitors
- Table 130. Fuji Electric Major Business
- Table 131. Fuji Electric New Energy Vehicle Power Chip Product and Services
- Table 132. Fuji Electric New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Fuji Electric Recent Developments/Updates
- Table 134. Fuji Electric Competitive Strengths & Weaknesses
- Table 135. Navitas (GeneSiC) Basic Information, Manufacturing Base and Competitors
- Table 136. Navitas (GeneSiC) Major Business
- Table 137. Navitas (GeneSiC) New Energy Vehicle Power Chip Product and Services

Table 138. Navitas (GeneSiC) New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Navitas (GeneSiC) Recent Developments/Updates

Table 140. Navitas (GeneSiC) Competitive Strengths & Weaknesses

Table 141. Toshiba Basic Information, Manufacturing Base and Competitors

Table 142. Toshiba Major Business

Table 143. Toshiba New Energy Vehicle Power Chip Product and Services

Table 144. Toshiba New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Toshiba Recent Developments/Updates

Table 146. Toshiba Competitive Strengths & Weaknesses

Table 147. Qorvo (UnitedSiC) Basic Information, Manufacturing Base and Competitors

Table 148. Qorvo (UnitedSiC) Major Business

Table 149. Qorvo (UnitedSiC) New Energy Vehicle Power Chip Product and Services

Table 150. Qorvo (UnitedSiC) New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Qorvo (UnitedSiC) Recent Developments/Updates

Table 152. Qorvo (UnitedSiC) Competitive Strengths & Weaknesses

Table 153. San'an Optoelectronics Basic Information, Manufacturing Base and Competitors

Table 154. San'an Optoelectronics Major Business

Table 155. San'an Optoelectronics New Energy Vehicle Power Chip Product and Services

Table 156. San'an Optoelectronics New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. San'an Optoelectronics Recent Developments/Updates

Table 158. San'an Optoelectronics Competitive Strengths & Weaknesses

Table 159. Littelfuse (IXYS) Basic Information, Manufacturing Base and Competitors

Table 160. Littelfuse (IXYS) Major Business

Table 161. Littelfuse (IXYS) New Energy Vehicle Power Chip Product and Services

Table 162. Littelfuse (IXYS) New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Littelfuse (IXYS) Recent Developments/Updates

Table 164. Littelfuse (IXYS) Competitive Strengths & Weaknesses

- Table 165. CETC 55 Basic Information, Manufacturing Base and Competitors
- Table 166. CETC 55 Major Business
- Table 167. CETC 55 New Energy Vehicle Power Chip Product and Services
- Table 168. CETC 55 New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 169. CETC 55 Recent Developments/Updates
- Table 170. CETC 55 Competitive Strengths & Weaknesses
- Table 171. WeEn Semiconductors Basic Information, Manufacturing Base and Competitors
- Table 172. WeEn Semiconductors Major Business
- Table 173. WeEn Semiconductors New Energy Vehicle Power Chip Product and Services
- Table 174. WeEn Semiconductors New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 175. WeEn Semiconductors Recent Developments/Updates
- Table 176. WeEn Semiconductors Competitive Strengths & Weaknesses
- Table 177. BASiC Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 178. BASiC Semiconductor Major Business
- Table 179. BASiC Semiconductor New Energy Vehicle Power Chip Product and Services
- Table 180. BASiC Semiconductor New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 181. BASiC Semiconductor Recent Developments/Updates
- Table 182. BASiC Semiconductor Competitive Strengths & Weaknesses
- Table 183. SemiQ Basic Information, Manufacturing Base and Competitors
- Table 184. SemiQ Major Business
- Table 185. SemiQ New Energy Vehicle Power Chip Product and Services
- Table 186. SemiQ New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 187. SemiQ Recent Developments/Updates
- Table 188. SemiQ Competitive Strengths & Weaknesses
- Table 189. Diodes Incorporated Basic Information, Manufacturing Base and Competitors
- Table 190. Diodes Incorporated Major Business

Table 191. Diodes Incorporated New Energy Vehicle Power Chip Product and Services

Table 192. Diodes Incorporated New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 193. Diodes Incorporated Recent Developments/Updates

Table 194. Diodes Incorporated Competitive Strengths & Weaknesses

Table 195. SanRex Basic Information, Manufacturing Base and Competitors

Table 196. SanRex Major Business

Table 197. SanRex New Energy Vehicle Power Chip Product and Services

Table 198. SanRex New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 199. SanRex Recent Developments/Updates

Table 200. SanRex Competitive Strengths & Weaknesses

Table 201. Alpha & Omega Semiconductor Basic Information, Manufacturing Base and Competitors

Table 202. Alpha & Omega Semiconductor Major Business

Table 203. Alpha & Omega Semiconductor New Energy Vehicle Power Chip Product and Services

Table 204. Alpha & Omega Semiconductor New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 205. Alpha & Omega Semiconductor Recent Developments/Updates

Table 206. Alpha & Omega Semiconductor Competitive Strengths & Weaknesses

Table 207. Bosch Basic Information, Manufacturing Base and Competitors

Table 208. Bosch Major Business

Table 209. Bosch New Energy Vehicle Power Chip Product and Services

Table 210. Bosch New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 211. Bosch Recent Developments/Updates

Table 212. Bosch Competitive Strengths & Weaknesses

Table 213. KEC Corporation Basic Information, Manufacturing Base and Competitors

Table 214. KEC Corporation Major Business

Table 215. KEC Corporation New Energy Vehicle Power Chip Product and Services

Table 216. KEC Corporation New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 217. KEC Corporation Recent Developments/Updates

- Table 218. KEC Corporation Competitive Strengths & Weaknesses
- Table 219. PANJIT Group Basic Information, Manufacturing Base and Competitors
- Table 220. PANJIT Group Major Business
- Table 221. PANJIT Group New Energy Vehicle Power Chip Product and Services
- Table 222. PANJIT Group New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 223. PANJIT Group Recent Developments/Updates
- Table 224. PANJIT Group Competitive Strengths & Weaknesses
- Table 225. Nexperia Basic Information, Manufacturing Base and Competitors
- Table 226. Nexperia Major Business
- Table 227. Nexperia New Energy Vehicle Power Chip Product and Services
- Table 228. Nexperia New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 229. Nexperia Recent Developments/Updates
- Table 230. Nexperia Competitive Strengths & Weaknesses
- Table 231. Vishay Intertechnology Basic Information, Manufacturing Base and Competitors
- Table 232. Vishay Intertechnology Major Business
- Table 233. Vishay Intertechnology New Energy Vehicle Power Chip Product and Services
- Table 234. Vishay Intertechnology New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 235. Vishay Intertechnology Recent Developments/Updates
- Table 236. Vishay Intertechnology Competitive Strengths & Weaknesses
- Table 237. Zhuzhou CRRC Times Electric Basic Information, Manufacturing Base and Competitors
- Table 238. Zhuzhou CRRC Times Electric Major Business
- Table 239. Zhuzhou CRRC Times Electric New Energy Vehicle Power Chip Product and Services
- Table 240. Zhuzhou CRRC Times Electric New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 241. Zhuzhou CRRC Times Electric Recent Developments/Updates
- Table 242. Zhuzhou CRRC Times Electric Competitive Strengths & Weaknesses
- Table 243. China Resources Microelectronics Limited Basic Information, Manufacturing Base and Competitors

Table 244. China Resources Microelectronics Limited Major Business

Table 245. China Resources Microelectronics Limited New Energy Vehicle Power Chip Product and Services

Table 246. China Resources Microelectronics Limited New Energy Vehicle Power Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 247. China Resources Microelectronics Limited Recent Developments/Updates

Table 248. China Resources Microelectronics Limited Competitive Strengths & Weaknesses

Table 249. Global Key Players of New Energy Vehicle Power Chip Upstream (Raw Materials)

Table 250. Global New Energy Vehicle Power Chip Typical Customers

Table 251. New Energy Vehicle Power Chip Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. New Energy Vehicle Power Chip Picture

Figure 2. World New Energy Vehicle Power Chip Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World New Energy Vehicle Power Chip Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World New Energy Vehicle Power Chip Production (2021-2032) & (K Units)

Figure 5. World New Energy Vehicle Power Chip Average Price (2021-2032) & (US\$/Unit)

Figure 6. World New Energy Vehicle Power Chip Production Value Market Share by Region (2021-2032)

Figure 7. World New Energy Vehicle Power Chip Production Market Share by Region (2021-2032)

Figure 8. North America New Energy Vehicle Power Chip Production (2021-2032) & (K Units)

Figure 9. Europe New Energy Vehicle Power Chip Production (2021-2032) & (K Units)

Figure 10. China New Energy Vehicle Power Chip Production (2021-2032) & (K Units)

Figure 11. Japan New Energy Vehicle Power Chip Production (2021-2032) & (K Units)

Figure 12. New Energy Vehicle Power Chip Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World New Energy Vehicle Power Chip Consumption (2021-2032) & (K Units)

Figure 15. World New Energy Vehicle Power Chip Consumption Market Share by Region (2021-2032)

Figure 16. United States New Energy Vehicle Power Chip Consumption (2021-2032) & (K Units)

Figure 17. China New Energy Vehicle Power Chip Consumption (2021-2032) & (K Units)

Figure 18. Europe New Energy Vehicle Power Chip Consumption (2021-2032) & (K Units)

Figure 19. Japan New Energy Vehicle Power Chip Consumption (2021-2032) & (K Units)

Figure 20. South Korea New Energy Vehicle Power Chip Consumption (2021-2032) & (K Units)

Figure 21. ASEAN New Energy Vehicle Power Chip Consumption (2021-2032) & (K Units)

Figure 22. India New Energy Vehicle Power Chip Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of New Energy Vehicle Power Chip by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for New Energy Vehicle Power Chip Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for New Energy Vehicle Power Chip Markets in 2025

Figure 26. United States VS China: New Energy Vehicle Power Chip Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: New Energy Vehicle Power Chip Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: New Energy Vehicle Power Chip Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers New Energy Vehicle Power Chip Production Market Share 2025

Figure 30. China Based Manufacturers New Energy Vehicle Power Chip Production Market Share 2025

Figure 31. Rest of World Based Manufacturers New Energy Vehicle Power Chip Production Market Share 2025

Figure 32. World New Energy Vehicle Power Chip Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World New Energy Vehicle Power Chip Production Value Market Share by Type in 2025

Figure 34. SiC MOSFET Modules

Figure 35. SiC MOSFET Discretes

Figure 36. SiC Diode/SBD

Figure 37. World New Energy Vehicle Power Chip Production Market Share by Type (2021-2032)

Figure 38. World New Energy Vehicle Power Chip Production Value Market Share by Type (2021-2032)

Figure 39. World New Energy Vehicle Power Chip Average Price by Type (2021-2032) & (US\$/Unit)

Figure 40. World New Energy Vehicle Power Chip Production Value by Wafer Size, (USD Million), 2021 & 2025 & 2032

Figure 41. World New Energy Vehicle Power Chip Production Value Market Share by Wafer Size in 2025

Figure 42. 4-inch SiC Power Chip

Figure 43. 6-inch SiC Power Chip

Figure 44. 8-inch SiC Power Chip

Figure 45. World New Energy Vehicle Power Chip Production Market Share by Wafer Size (2021-2032)

Figure 46. World New Energy Vehicle Power Chip Production Value Market Share by Wafer Size (2021-2032)

Figure 47. World New Energy Vehicle Power Chip Average Price by Wafer Size (2021-2032) & (US\$/Unit)

Figure 48. World New Energy Vehicle Power Chip Production Value by Voltage Range, (USD Million), 2021 & 2025 & 2032

Figure 49. World New Energy Vehicle Power Chip Production Value Market Share by Voltage Range in 2025

Figure 50. Below 650V SiC Power Chip

Figure 51. 650V-1200V SiC Power Chip

Figure 52. Above 1200V SiC Power Chip

Figure 53. World New Energy Vehicle Power Chip Production Market Share by Voltage Range (2021-2032)

Figure 54. World New Energy Vehicle Power Chip Production Value Market Share by Voltage Range (2021-2032)

Figure 55. World New Energy Vehicle Power Chip Average Price by Voltage Range (2021-2032) & (US\$/Unit)

Figure 56. World New Energy Vehicle Power Chip Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World New Energy Vehicle Power Chip Production Value Market Share by Application in 2025

Figure 58. Motor Drive

Figure 59. Battery Management

Figure 60. Air Conditioning Drive

Figure 61. Others

Figure 62. World New Energy Vehicle Power Chip Production Market Share by Application (2021-2032)

Figure 63. World New Energy Vehicle Power Chip Production Value Market Share by Application (2021-2032)

Figure 64. World New Energy Vehicle Power Chip Average Price by Application (2021-2032) & (US\$/Unit)

Figure 65. New Energy Vehicle Power Chip Industry Chain

Figure 66. New Energy Vehicle Power Chip Procurement Model

Figure 67. New Energy Vehicle Power Chip Sales Model

Figure 68. New Energy Vehicle Power Chip Sales Channels, Direct Sales, and Distribution

Figure 69. Methodology

Figure 70. Research Process and Data Source

I would like to order

Product name: Global New Energy Vehicle Power Chip Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G8C5A54B0BE2EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G8C5A54B0BE2EN.html>