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Global Mobile Power Bidirectional Fast Charging IC Market Growth 2026-2032

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Abstracts

The global Mobile Power Bidirectional Fast Charging IC market size is predicted to grow from US$ 1766 million in 2025 to US$ 3168 million in 2032; it is expected to grow at a CAGR of 8.9% from 2026 to 2032.

Mobile power bidirectional fast charging IC is a highly integrated power management chip designed for portable power devices that support fast charging and discharging. This type of IC can not only efficiently manage energy transfer to ensure that the mobile power is fully charged in a short time, but also realize reverse charging function, allowing the mobile power to quickly charge other devices. Bidirectional fast charging IC integrates multiple key functions, including precise voltage and current control, thermal management and multiple protection mechanisms (such as overvoltage, overcurrent, short circuit and temperature protection).

United States market for Mobile Power Bidirectional Fast Charging IC is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Mobile Power Bidirectional Fast Charging IC is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Mobile Power Bidirectional Fast Charging IC is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Mobile Power Bidirectional Fast Charging IC players cover NXP,

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STMicroelectronics, Texas Instruments, Cypress, Nanjing Qinheng Microelectronics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Mobile Power Bidirectional Fast Charging IC Industry Forecast? looks at past sales and reviews total world Mobile Power Bidirectional Fast Charging IC sales in 2025, providing a comprehensive analysis by region and market sector of projected Mobile Power Bidirectional Fast Charging IC sales for 2026 through 2032. With Mobile Power Bidirectional Fast Charging IC sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Mobile Power Bidirectional Fast Charging IC industry.

This Insight Report provides a comprehensive analysis of the global Mobile Power Bidirectional Fast Charging IC landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Mobile Power Bidirectional Fast Charging IC portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global Mobile Power Bidirectional Fast Charging IC market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Mobile Power Bidirectional Fast Charging IC and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Mobile Power Bidirectional Fast Charging IC.

This report presents a comprehensive overview, market shares, and growth opportunities of Mobile Power Bidirectional Fast Charging IC market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

PD Sink Chip

PD Charging Chip

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Segmentation by Application:

- Smartphone
- Tablet PCs
- Wearable Device
- Laptops
- Others

This report also splits the market by region:

- Americas
  - United States
  - Canada
  - Mexico
  - Brazil
- APAC
  - China
  - Japan
  - Korea
  - Southeast Asia
  - India

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Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

NXP

STMicroelectronics

Texas Instruments

Cypress

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Nanjing Qinheng Microelectronics

Shenzhen Injoinic Technology

Richtek Technology Corporation

Zhuhai iSmartWare Technology

Southchip Semiconductor Technology

MIX-DESIGN

Hangzhou Silan Microelectronics

Shenzhen Chipsea Technologies

FastSOC Microelectronics

JADARD TECHNOLOGY

Hynetek Semiconductor

Shenzhen Weipu Innovation Technology

Key Questions Addressed in this Report
What is the 10-year outlook for the global Mobile Power Bidirectional Fast Charging IC market?
What factors are driving Mobile Power Bidirectional Fast Charging IC market growth, globally and by region?
Which technologies are poised for the fastest growth by market and region?
How do Mobile Power Bidirectional Fast Charging IC market opportunities vary by end market size?
How does Mobile Power Bidirectional Fast Charging IC break out by Type, by Application?

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