

# Global Passenger Cars On-board Charger CPU Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Passenger Cars On-board Charger CPU market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

On-board charger is a device that can charge electronic devices inside a car. It is usually connected to the vehicle's power system through the vehicle's power socket (such as a cigarette lighter socket) or USB interface, thereby converting the vehicle's DC power into DC power suitable for charging mobile phones, tablets, navigators and other devices.

On-board provide people with a convenient way to charge various electronic devices in the car. It has become one of the common accessories in modern vehicles, meeting people's needs for the convenience of charging mobile devices. It should be noted that when using a car charger, you should ensure that its quality is reliable and meets safety standards, and the appropriate charging method and interface should be selected according to the charging requirements of the device.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major

automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

The Global Info Research report includes an overview of the development of the Passenger Cars On-board Charger CPU industry chain, the market status of EV (3.0 - 3.7 kw, Higher than 3.7 kw), PHEV (3.0 - 3.7 kw, Higher than 3.7 kw), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Passenger Cars On-board Charger CPU.

Regionally, the report analyzes the Passenger Cars On-board Charger CPU markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Passenger Cars On-board Charger CPU market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Passenger Cars On-board Charger CPU market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Passenger Cars On-board Charger CPU industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., 3.0 - 3.7 kw, Higher than 3.7 kw).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Passenger Cars On-board Charger CPU market.

**Regional Analysis:** The report involves examining the Passenger Cars On-board Charger CPU market at a regional or national level. Report analyses regional factors

such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Passenger Cars On-board Charger CPU market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Passenger Cars On-board Charger CPU:

**Company Analysis:** Report covers individual Passenger Cars On-board Charger CPU manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Passenger Cars On-board Charger CPU. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (EV, PHEV).

**Technology Analysis:** Report covers specific technologies relevant to Passenger Cars On-board Charger CPU. It assesses the current state, advancements, and potential future developments in Passenger Cars On-board Charger CPU areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Passenger Cars On-board Charger CPU market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Passenger Cars On-board Charger CPU market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

## Market segment by Type

3.0 - 3.7 kw

Higher than 3.7 kw

Lower than 3.0 kw

## Market segment by Application

EV

PHEV

## Major players covered

BYD

Nichicon

Tesla

Infineon

Panasonic

Aptiv

LG

Lear

Dilong Technology

Kongsberg

Kenergy

Wanma

IES

Anghua

Lester

Tonhe Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Passenger Cars On-board Charger CPU product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Passenger Cars On-board Charger CPU, with price, sales, revenue and global market share of Passenger Cars On-board Charger CPU from 2019 to 2024.

Chapter 3, the Passenger Cars On-board Charger CPU competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Passenger Cars On-board Charger CPU breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Passenger Cars On-board Charger CPU market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Passenger Cars On-board Charger CPU.

Chapter 14 and 15, to describe Passenger Cars On-board Charger CPU sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Passenger Cars On-board Charger CPU
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Passenger Cars On-board Charger CPU Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 3.0 - 3.7 kw
  - 1.3.3 Higher than 3.7 kw
  - 1.3.4 Lower than 3.0 kw
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Passenger Cars On-board Charger CPU Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 EV
  - 1.4.3 PHEV
- 1.5 Global Passenger Cars On-board Charger CPU Market Size & Forecast
  - 1.5.1 Global Passenger Cars On-board Charger CPU Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Passenger Cars On-board Charger CPU Sales Quantity (2019-2030)
  - 1.5.3 Global Passenger Cars On-board Charger CPU Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 BYD
  - 2.1.1 BYD Details
  - 2.1.2 BYD Major Business
  - 2.1.3 BYD Passenger Cars On-board Charger CPU Product and Services
  - 2.1.4 BYD Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 BYD Recent Developments/Updates
- 2.2 Nichicon
  - 2.2.1 Nichicon Details
  - 2.2.2 Nichicon Major Business
  - 2.2.3 Nichicon Passenger Cars On-board Charger CPU Product and Services
  - 2.2.4 Nichicon Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.2.5 Nichicon Recent Developments/Updates

## 2.3 Tesla

### 2.3.1 Tesla Details

### 2.3.2 Tesla Major Business

### 2.3.3 Tesla Passenger Cars On-board Charger CPU Product and Services

### 2.3.4 Tesla Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.3.5 Tesla Recent Developments/Updates

## 2.4 Infineon

### 2.4.1 Infineon Details

### 2.4.2 Infineon Major Business

### 2.4.3 Infineon Passenger Cars On-board Charger CPU Product and Services

### 2.4.4 Infineon Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.4.5 Infineon Recent Developments/Updates

## 2.5 Panasonic

### 2.5.1 Panasonic Details

### 2.5.2 Panasonic Major Business

### 2.5.3 Panasonic Passenger Cars On-board Charger CPU Product and Services

### 2.5.4 Panasonic Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.5.5 Panasonic Recent Developments/Updates

## 2.6 Aptiv

### 2.6.1 Aptiv Details

### 2.6.2 Aptiv Major Business

### 2.6.3 Aptiv Passenger Cars On-board Charger CPU Product and Services

### 2.6.4 Aptiv Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.6.5 Aptiv Recent Developments/Updates

## 2.7 LG

### 2.7.1 LG Details

### 2.7.2 LG Major Business

### 2.7.3 LG Passenger Cars On-board Charger CPU Product and Services

### 2.7.4 LG Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.7.5 LG Recent Developments/Updates

## 2.8 Lear

### 2.8.1 Lear Details

### 2.8.2 Lear Major Business

### 2.8.3 Lear Passenger Cars On-board Charger CPU Product and Services



2.8.4 Lear Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Lear Recent Developments/Updates

2.9 Dilong Technology

2.9.1 Dilong Technology Details

2.9.2 Dilong Technology Major Business

2.9.3 Dilong Technology Passenger Cars On-board Charger CPU Product and Services

2.9.4 Dilong Technology Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Dilong Technology Recent Developments/Updates

2.10 Kongsberg

2.10.1 Kongsberg Details

2.10.2 Kongsberg Major Business

2.10.3 Kongsberg Passenger Cars On-board Charger CPU Product and Services

2.10.4 Kongsberg Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 Kongsberg Recent Developments/Updates

2.11 Kenergy

2.11.1 Kenergy Details

2.11.2 Kenergy Major Business

2.11.3 Kenergy Passenger Cars On-board Charger CPU Product and Services

2.11.4 Kenergy Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Kenergy Recent Developments/Updates

2.12 Wanma

2.12.1 Wanma Details

2.12.2 Wanma Major Business

2.12.3 Wanma Passenger Cars On-board Charger CPU Product and Services

2.12.4 Wanma Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 Wanma Recent Developments/Updates

2.13 IES

2.13.1 IES Details

2.13.2 IES Major Business

2.13.3 IES Passenger Cars On-board Charger CPU Product and Services

2.13.4 IES Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 IES Recent Developments/Updates

## 2.14 Anghua

### 2.14.1 Anghua Details

### 2.14.2 Anghua Major Business

### 2.14.3 Anghua Passenger Cars On-board Charger CPU Product and Services

### 2.14.4 Anghua Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.14.5 Anghua Recent Developments/Updates

## 2.15 Lester

### 2.15.1 Lester Details

### 2.15.2 Lester Major Business

### 2.15.3 Lester Passenger Cars On-board Charger CPU Product and Services

### 2.15.4 Lester Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.15.5 Lester Recent Developments/Updates

## 2.16 Tonhe Technology

### 2.16.1 Tonhe Technology Details

### 2.16.2 Tonhe Technology Major Business

### 2.16.3 Tonhe Technology Passenger Cars On-board Charger CPU Product and Services

### 2.16.4 Tonhe Technology Passenger Cars On-board Charger CPU Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.16.5 Tonhe Technology Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: PASSENGER CARS ON-BOARD CHARGER CPU BY MANUFACTURER**

### 3.1 Global Passenger Cars On-board Charger CPU Sales Quantity by Manufacturer (2019-2024)

### 3.2 Global Passenger Cars On-board Charger CPU Revenue by Manufacturer (2019-2024)

### 3.3 Global Passenger Cars On-board Charger CPU Average Price by Manufacturer (2019-2024)

### 3.4 Market Share Analysis (2023)

#### 3.4.1 Producer Shipments of Passenger Cars On-board Charger CPU by Manufacturer Revenue (\$MM) and Market Share (%): 2023

#### 3.4.2 Top 3 Passenger Cars On-board Charger CPU Manufacturer Market Share in 2023

#### 3.4.2 Top 6 Passenger Cars On-board Charger CPU Manufacturer Market Share in 2023

### 3.5 Passenger Cars On-board Charger CPU Market: Overall Company Footprint Analysis

3.5.1 Passenger Cars On-board Charger CPU Market: Region Footprint

3.5.2 Passenger Cars On-board Charger CPU Market: Company Product Type Footprint

3.5.3 Passenger Cars On-board Charger CPU Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

## 4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Passenger Cars On-board Charger CPU Market Size by Region

4.1.1 Global Passenger Cars On-board Charger CPU Sales Quantity by Region (2019-2030)

4.1.2 Global Passenger Cars On-board Charger CPU Consumption Value by Region (2019-2030)

4.1.3 Global Passenger Cars On-board Charger CPU Average Price by Region (2019-2030)

4.2 North America Passenger Cars On-board Charger CPU Consumption Value (2019-2030)

4.3 Europe Passenger Cars On-board Charger CPU Consumption Value (2019-2030)

4.4 Asia-Pacific Passenger Cars On-board Charger CPU Consumption Value (2019-2030)

4.5 South America Passenger Cars On-board Charger CPU Consumption Value (2019-2030)

4.6 Middle East and Africa Passenger Cars On-board Charger CPU Consumption Value (2019-2030)

## 5 MARKET SEGMENT BY TYPE

5.1 Global Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2030)

5.2 Global Passenger Cars On-board Charger CPU Consumption Value by Type (2019-2030)

5.3 Global Passenger Cars On-board Charger CPU Average Price by Type (2019-2030)

## 6 MARKET SEGMENT BY APPLICATION

6.1 Global Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2030)

6.2 Global Passenger Cars On-board Charger CPU Consumption Value by Application (2019-2030)

6.3 Global Passenger Cars On-board Charger CPU Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

7.1 North America Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2030)

7.2 North America Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2030)

7.3 North America Passenger Cars On-board Charger CPU Market Size by Country

7.3.1 North America Passenger Cars On-board Charger CPU Sales Quantity by Country (2019-2030)

7.3.2 North America Passenger Cars On-board Charger CPU Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

8.1 Europe Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2030)

8.2 Europe Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2030)

8.3 Europe Passenger Cars On-board Charger CPU Market Size by Country

8.3.1 Europe Passenger Cars On-board Charger CPU Sales Quantity by Country (2019-2030)

8.3.2 Europe Passenger Cars On-board Charger CPU Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Passenger Cars On-board Charger CPU Market Size by Region

9.3.1 Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Passenger Cars On-board Charger CPU Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

10.1 South America Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2030)

10.2 South America Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2030)

10.3 South America Passenger Cars On-board Charger CPU Market Size by Country

10.3.1 South America Passenger Cars On-board Charger CPU Sales Quantity by Country (2019-2030)

10.3.2 South America Passenger Cars On-board Charger CPU Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Passenger Cars On-board Charger CPU Market Size by

## Country

11.3.1 Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Passenger Cars On-board Charger CPU Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

## 12 MARKET DYNAMICS

12.1 Passenger Cars On-board Charger CPU Market Drivers

12.2 Passenger Cars On-board Charger CPU Market Restraints

12.3 Passenger Cars On-board Charger CPU Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## 13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Passenger Cars On-board Charger CPU and Key Manufacturers

13.2 Manufacturing Costs Percentage of Passenger Cars On-board Charger CPU

13.3 Passenger Cars On-board Charger CPU Production Process

13.4 Passenger Cars On-board Charger CPU Industrial Chain

## 14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Passenger Cars On-board Charger CPU Typical Distributors

14.3 Passenger Cars On-board Charger CPU Typical Customers

## 15 RESEARCH FINDINGS AND CONCLUSION

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer



## List Of Tables

### LIST OF TABLES

Table 1. Global Passenger Cars On-board Charger CPU Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Passenger Cars On-board Charger CPU Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. BYD Basic Information, Manufacturing Base and Competitors

Table 4. BYD Major Business

Table 5. BYD Passenger Cars On-board Charger CPU Product and Services

Table 6. BYD Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. BYD Recent Developments/Updates

Table 8. Nichicon Basic Information, Manufacturing Base and Competitors

Table 9. Nichicon Major Business

Table 10. Nichicon Passenger Cars On-board Charger CPU Product and Services

Table 11. Nichicon Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Nichicon Recent Developments/Updates

Table 13. Tesla Basic Information, Manufacturing Base and Competitors

Table 14. Tesla Major Business

Table 15. Tesla Passenger Cars On-board Charger CPU Product and Services

Table 16. Tesla Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Tesla Recent Developments/Updates

Table 18. Infineon Basic Information, Manufacturing Base and Competitors

Table 19. Infineon Major Business

Table 20. Infineon Passenger Cars On-board Charger CPU Product and Services

Table 21. Infineon Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Infineon Recent Developments/Updates

Table 23. Panasonic Basic Information, Manufacturing Base and Competitors

Table 24. Panasonic Major Business

Table 25. Panasonic Passenger Cars On-board Charger CPU Product and Services



Table 26. Panasonic Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Panasonic Recent Developments/Updates

Table 28. Aptiv Basic Information, Manufacturing Base and Competitors

Table 29. Aptiv Major Business

Table 30. Aptiv Passenger Cars On-board Charger CPU Product and Services

Table 31. Aptiv Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Aptiv Recent Developments/Updates

Table 33. LG Basic Information, Manufacturing Base and Competitors

Table 34. LG Major Business

Table 35. LG Passenger Cars On-board Charger CPU Product and Services

Table 36. LG Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. LG Recent Developments/Updates

Table 38. Lear Basic Information, Manufacturing Base and Competitors

Table 39. Lear Major Business

Table 40. Lear Passenger Cars On-board Charger CPU Product and Services

Table 41. Lear Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Lear Recent Developments/Updates

Table 43. Dilong Technology Basic Information, Manufacturing Base and Competitors

Table 44. Dilong Technology Major Business

Table 45. Dilong Technology Passenger Cars On-board Charger CPU Product and Services

Table 46. Dilong Technology Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Dilong Technology Recent Developments/Updates

Table 48. Kongsberg Basic Information, Manufacturing Base and Competitors

Table 49. Kongsberg Major Business

Table 50. Kongsberg Passenger Cars On-board Charger CPU Product and Services

Table 51. Kongsberg Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Kongsberg Recent Developments/Updates

Table 53. Kenergy Basic Information, Manufacturing Base and Competitors

Table 54. Kenergy Major Business

Table 55. Kenergy Passenger Cars On-board Charger CPU Product and Services

Table 56. Kenergy Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Kenergy Recent Developments/Updates

Table 58. Wanma Basic Information, Manufacturing Base and Competitors

Table 59. Wanma Major Business

Table 60. Wanma Passenger Cars On-board Charger CPU Product and Services

Table 61. Wanma Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Wanma Recent Developments/Updates

Table 63. IES Basic Information, Manufacturing Base and Competitors

Table 64. IES Major Business

Table 65. IES Passenger Cars On-board Charger CPU Product and Services

Table 66. IES Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. IES Recent Developments/Updates

Table 68. Anghua Basic Information, Manufacturing Base and Competitors

Table 69. Anghua Major Business

Table 70. Anghua Passenger Cars On-board Charger CPU Product and Services

Table 71. Anghua Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. Anghua Recent Developments/Updates

Table 73. Lester Basic Information, Manufacturing Base and Competitors

Table 74. Lester Major Business

Table 75. Lester Passenger Cars On-board Charger CPU Product and Services

Table 76. Lester Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Lester Recent Developments/Updates

Table 78. Tonhe Technology Basic Information, Manufacturing Base and Competitors

Table 79. Tonhe Technology Major Business

Table 80. Tonhe Technology Passenger Cars On-board Charger CPU Product and

## Services

Table 81. Tonhe Technology Passenger Cars On-board Charger CPU Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 82. Tonhe Technology Recent Developments/Updates

Table 83. Global Passenger Cars On-board Charger CPU Sales Quantity by Manufacturer (2019-2024) & (K Units)

Table 84. Global Passenger Cars On-board Charger CPU Revenue by Manufacturer (2019-2024) & (USD Million)

Table 85. Global Passenger Cars On-board Charger CPU Average Price by Manufacturer (2019-2024) & (USD/Unit)

Table 86. Market Position of Manufacturers in Passenger Cars On-board Charger CPU, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 87. Head Office and Passenger Cars On-board Charger CPU Production Site of Key Manufacturer

Table 88. Passenger Cars On-board Charger CPU Market: Company Product Type Footprint

Table 89. Passenger Cars On-board Charger CPU Market: Company Product Application Footprint

Table 90. Passenger Cars On-board Charger CPU New Market Entrants and Barriers to Market Entry

Table 91. Passenger Cars On-board Charger CPU Mergers, Acquisition, Agreements, and Collaborations

Table 92. Global Passenger Cars On-board Charger CPU Sales Quantity by Region (2019-2024) & (K Units)

Table 93. Global Passenger Cars On-board Charger CPU Sales Quantity by Region (2025-2030) & (K Units)

Table 94. Global Passenger Cars On-board Charger CPU Consumption Value by Region (2019-2024) & (USD Million)

Table 95. Global Passenger Cars On-board Charger CPU Consumption Value by Region (2025-2030) & (USD Million)

Table 96. Global Passenger Cars On-board Charger CPU Average Price by Region (2019-2024) & (USD/Unit)

Table 97. Global Passenger Cars On-board Charger CPU Average Price by Region (2025-2030) & (USD/Unit)

Table 98. Global Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2024) & (K Units)

Table 99. Global Passenger Cars On-board Charger CPU Sales Quantity by Type (2025-2030) & (K Units)

Table 100. Global Passenger Cars On-board Charger CPU Consumption Value by Type (2019-2024) & (USD Million)

Table 101. Global Passenger Cars On-board Charger CPU Consumption Value by Type (2025-2030) & (USD Million)

Table 102. Global Passenger Cars On-board Charger CPU Average Price by Type (2019-2024) & (USD/Unit)

Table 103. Global Passenger Cars On-board Charger CPU Average Price by Type (2025-2030) & (USD/Unit)

Table 104. Global Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2024) & (K Units)

Table 105. Global Passenger Cars On-board Charger CPU Sales Quantity by Application (2025-2030) & (K Units)

Table 106. Global Passenger Cars On-board Charger CPU Consumption Value by Application (2019-2024) & (USD Million)

Table 107. Global Passenger Cars On-board Charger CPU Consumption Value by Application (2025-2030) & (USD Million)

Table 108. Global Passenger Cars On-board Charger CPU Average Price by Application (2019-2024) & (USD/Unit)

Table 109. Global Passenger Cars On-board Charger CPU Average Price by Application (2025-2030) & (USD/Unit)

Table 110. North America Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2024) & (K Units)

Table 111. North America Passenger Cars On-board Charger CPU Sales Quantity by Type (2025-2030) & (K Units)

Table 112. North America Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2024) & (K Units)

Table 113. North America Passenger Cars On-board Charger CPU Sales Quantity by Application (2025-2030) & (K Units)

Table 114. North America Passenger Cars On-board Charger CPU Sales Quantity by Country (2019-2024) & (K Units)

Table 115. North America Passenger Cars On-board Charger CPU Sales Quantity by Country (2025-2030) & (K Units)

Table 116. North America Passenger Cars On-board Charger CPU Consumption Value by Country (2019-2024) & (USD Million)

Table 117. North America Passenger Cars On-board Charger CPU Consumption Value by Country (2025-2030) & (USD Million)

Table 118. Europe Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2024) & (K Units)

Table 119. Europe Passenger Cars On-board Charger CPU Sales Quantity by Type

(2025-2030) & (K Units)

Table 120. Europe Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2024) & (K Units)

Table 121. Europe Passenger Cars On-board Charger CPU Sales Quantity by Application (2025-2030) & (K Units)

Table 122. Europe Passenger Cars On-board Charger CPU Sales Quantity by Country (2019-2024) & (K Units)

Table 123. Europe Passenger Cars On-board Charger CPU Sales Quantity by Country (2025-2030) & (K Units)

Table 124. Europe Passenger Cars On-board Charger CPU Consumption Value by Country (2019-2024) & (USD Million)

Table 125. Europe Passenger Cars On-board Charger CPU Consumption Value by Country (2025-2030) & (USD Million)

Table 126. Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2024) & (K Units)

Table 127. Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity by Type (2025-2030) & (K Units)

Table 128. Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2024) & (K Units)

Table 129. Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity by Application (2025-2030) & (K Units)

Table 130. Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity by Region (2019-2024) & (K Units)

Table 131. Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity by Region (2025-2030) & (K Units)

Table 132. Asia-Pacific Passenger Cars On-board Charger CPU Consumption Value by Region (2019-2024) & (USD Million)

Table 133. Asia-Pacific Passenger Cars On-board Charger CPU Consumption Value by Region (2025-2030) & (USD Million)

Table 134. South America Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2024) & (K Units)

Table 135. South America Passenger Cars On-board Charger CPU Sales Quantity by Type (2025-2030) & (K Units)

Table 136. South America Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2024) & (K Units)

Table 137. South America Passenger Cars On-board Charger CPU Sales Quantity by Application (2025-2030) & (K Units)

Table 138. South America Passenger Cars On-board Charger CPU Sales Quantity by Country (2019-2024) & (K Units)



Table 139. South America Passenger Cars On-board Charger CPU Sales Quantity by Country (2025-2030) & (K Units)

Table 140. South America Passenger Cars On-board Charger CPU Consumption Value by Country (2019-2024) & (USD Million)

Table 141. South America Passenger Cars On-board Charger CPU Consumption Value by Country (2025-2030) & (USD Million)

Table 142. Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity by Type (2019-2024) & (K Units)

Table 143. Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity by Type (2025-2030) & (K Units)

Table 144. Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity by Application (2019-2024) & (K Units)

Table 145. Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity by Application (2025-2030) & (K Units)

Table 146. Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity by Region (2019-2024) & (K Units)

Table 147. Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity by Region (2025-2030) & (K Units)

Table 148. Middle East & Africa Passenger Cars On-board Charger CPU Consumption Value by Region (2019-2024) & (USD Million)

Table 149. Middle East & Africa Passenger Cars On-board Charger CPU Consumption Value by Region (2025-2030) & (USD Million)

Table 150. Passenger Cars On-board Charger CPU Raw Material

Table 151. Key Manufacturers of Passenger Cars On-board Charger CPU Raw Materials

Table 152. Passenger Cars On-board Charger CPU Typical Distributors

Table 153. Passenger Cars On-board Charger CPU Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Passenger Cars On-board Charger CPU Picture
- Figure 2. Global Passenger Cars On-board Charger CPU Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Passenger Cars On-board Charger CPU Consumption Value Market Share by Type in 2023
- Figure 4. 3.0 - 3.7 kw Examples
- Figure 5. Higher than 3.7 kw Examples
- Figure 6. Lower than 3.0 kw Examples
- Figure 7. Global Passenger Cars On-board Charger CPU Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 8. Global Passenger Cars On-board Charger CPU Consumption Value Market Share by Application in 2023
- Figure 9. EV Examples
- Figure 10. PHEV Examples
- Figure 11. Global Passenger Cars On-board Charger CPU Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 12. Global Passenger Cars On-board Charger CPU Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 13. Global Passenger Cars On-board Charger CPU Sales Quantity (2019-2030) & (K Units)
- Figure 14. Global Passenger Cars On-board Charger CPU Average Price (2019-2030) & (USD/Unit)
- Figure 15. Global Passenger Cars On-board Charger CPU Sales Quantity Market Share by Manufacturer in 2023
- Figure 16. Global Passenger Cars On-board Charger CPU Consumption Value Market Share by Manufacturer in 2023
- Figure 17. Producer Shipments of Passenger Cars On-board Charger CPU by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023
- Figure 18. Top 3 Passenger Cars On-board Charger CPU Manufacturer (Consumption Value) Market Share in 2023
- Figure 19. Top 6 Passenger Cars On-board Charger CPU Manufacturer (Consumption Value) Market Share in 2023
- Figure 20. Global Passenger Cars On-board Charger CPU Sales Quantity Market Share by Region (2019-2030)
- Figure 21. Global Passenger Cars On-board Charger CPU Consumption Value Market

Share by Region (2019-2030)

Figure 22. North America Passenger Cars On-board Charger CPU Consumption Value (2019-2030) & (USD Million)

Figure 23. Europe Passenger Cars On-board Charger CPU Consumption Value (2019-2030) & (USD Million)

Figure 24. Asia-Pacific Passenger Cars On-board Charger CPU Consumption Value (2019-2030) & (USD Million)

Figure 25. South America Passenger Cars On-board Charger CPU Consumption Value (2019-2030) & (USD Million)

Figure 26. Middle East & Africa Passenger Cars On-board Charger CPU Consumption Value (2019-2030) & (USD Million)

Figure 27. Global Passenger Cars On-board Charger CPU Sales Quantity Market Share by Type (2019-2030)

Figure 28. Global Passenger Cars On-board Charger CPU Consumption Value Market Share by Type (2019-2030)

Figure 29. Global Passenger Cars On-board Charger CPU Average Price by Type (2019-2030) & (USD/Unit)

Figure 30. Global Passenger Cars On-board Charger CPU Sales Quantity Market Share by Application (2019-2030)

Figure 31. Global Passenger Cars On-board Charger CPU Consumption Value Market Share by Application (2019-2030)

Figure 32. Global Passenger Cars On-board Charger CPU Average Price by Application (2019-2030) & (USD/Unit)

Figure 33. North America Passenger Cars On-board Charger CPU Sales Quantity Market Share by Type (2019-2030)

Figure 34. North America Passenger Cars On-board Charger CPU Sales Quantity Market Share by Application (2019-2030)

Figure 35. North America Passenger Cars On-board Charger CPU Sales Quantity Market Share by Country (2019-2030)

Figure 36. North America Passenger Cars On-board Charger CPU Consumption Value Market Share by Country (2019-2030)

Figure 37. United States Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 38. Canada Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Mexico Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Europe Passenger Cars On-board Charger CPU Sales Quantity Market Share by Type (2019-2030)



Figure 41. Europe Passenger Cars On-board Charger CPU Sales Quantity Market Share by Application (2019-2030)

Figure 42. Europe Passenger Cars On-board Charger CPU Sales Quantity Market Share by Country (2019-2030)

Figure 43. Europe Passenger Cars On-board Charger CPU Consumption Value Market Share by Country (2019-2030)

Figure 44. Germany Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. France Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. United Kingdom Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. Russia Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Italy Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity Market Share by Type (2019-2030)

Figure 50. Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity Market Share by Application (2019-2030)

Figure 51. Asia-Pacific Passenger Cars On-board Charger CPU Sales Quantity Market Share by Region (2019-2030)

Figure 52. Asia-Pacific Passenger Cars On-board Charger CPU Consumption Value Market Share by Region (2019-2030)

Figure 53. China Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Japan Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Korea Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. India Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Southeast Asia Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Australia Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. South America Passenger Cars On-board Charger CPU Sales Quantity Market Share by Type (2019-2030)

Figure 60. South America Passenger Cars On-board Charger CPU Sales Quantity

Market Share by Application (2019-2030)

Figure 61. South America Passenger Cars On-board Charger CPU Sales Quantity

Market Share by Country (2019-2030)

Figure 62. South America Passenger Cars On-board Charger CPU Consumption Value

Market Share by Country (2019-2030)

Figure 63. Brazil Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 64. Argentina Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 65. Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity Market Share by Type (2019-2030)

Figure 66. Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity Market Share by Application (2019-2030)

Figure 67. Middle East & Africa Passenger Cars On-board Charger CPU Sales Quantity Market Share by Region (2019-2030)

Figure 68. Middle East & Africa Passenger Cars On-board Charger CPU Consumption Value Market Share by Region (2019-2030)

Figure 69. Turkey Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Egypt Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Saudi Arabia Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. South Africa Passenger Cars On-board Charger CPU Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Passenger Cars On-board Charger CPU Market Drivers

Figure 74. Passenger Cars On-board Charger CPU Market Restraints

Figure 75. Passenger Cars On-board Charger CPU Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Passenger Cars On-board Charger CPU in 2023

Figure 78. Manufacturing Process Analysis of Passenger Cars On-board Charger CPU

Figure 79. Passenger Cars On-board Charger CPU Industrial Chain

Figure 80. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

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