

Global Lithium Battery Charging Protection Integrated Circuit (IC) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/LBBA8CDCAEEAEN.html>

Date: July 2025

Pages: 114

Price: US\$ 3,480.00 (Single User License)

ID: LBBA8CDCAEEAEN

Abstracts

According to our (Global Info Research) latest study, the global Lithium Battery Charging Protection Integrated Circuit (IC) market size was valued at US\$ 502 million in 2024 and is forecast to a readjusted size of USD 685 million by 2031 with a CAGR of 4.6% during review period.

The protection IC will detect the battery voltage, and when overcharging is detected, the power MOSFET detected by overcharging will cut it off and the charging will be cut off. At this time, it should be noted that the detection voltage of overcharging is highly precise.

The global market for semiconductor was estimated at US\$ 579 billion in the year 2022, is projected to US\$ 790 billion by 2029, growing at a CAGR of 6% during the forecast period. Although some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.76%, Sensor with 16.31%, and Logic with 14.46% growth, Memory declined with 12.64% year over year. The microprocessor (MPU) and microcontroller (MCU) segments will experience stagnant growth due to weak shipments and investment in notebooks, computers, and standard desktops. In the current market scenario, the growing popularity of IoT-based electronics is stimulating the need for powerful processors and controllers. Hybrid MPUs and MCUs provide real-time embedded processing and control for the topmost IoT-based applications, resulting in significant market growth. The Analog IC segment is expected to grow gradually, while demand from the networking and communications industries is limited. Few of the emerging trends in the growing demand for Analog integrated circuits include signal conversion, automotive-specific Analog applications, and power management. They drive the growing demand for discrete power devices.

This report is a detailed and comprehensive analysis for global Lithium Battery Charging Protection Integrated Circuit (IC) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Lithium Battery Charging Protection Integrated Circuit (IC) market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Lithium Battery Charging Protection Integrated Circuit (IC) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Lithium Battery Charging Protection Integrated Circuit (IC) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Lithium Battery Charging Protection Integrated Circuit (IC) market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Lithium Battery Charging Protection Integrated Circuit (IC)
- To forecast future growth in each product and end-use market
- To forecast future factors affecting the marketplace

This report profiles key players in the global Lithium Battery Charging Protection Integrated Circuit (IC) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Analog

Devices, ON Semiconductor, RICOH Electronic Devices, Texas Instruments, Diodes Incorporated, ABLIC, Mitsumi Electric, HYCON Technology, Seiko Instruments, Foshan Blue Rocket Electronics, etc.

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

Market Segmentation

Lithium Battery Charging Protection Integrated Circuit (IC) market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single String Protection

Multi String Protection

Market segment by Application

Consumer Electronics

Industrial Electronics

Medical Equipment

Others

Major players covered

Analog Devices

ON Semiconductor

RICOH Electronic Devices

Texas Instruments

Diodes Incorporated

ABLIC

Mitsumi Electric

HYCON Technology

Seiko Instruments

Foshan Blue Rocket Electronics

Htsemi

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 Lithium Battery Charging Protection Integrated Circuit (IC) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Lithium Battery Charging Protection Integrated Circuit (IC), with price, sales quantity, revenue, and global market share of Lithium Battery Charging Protection Integrated Circuit (IC) from 2020 to 2025.

Chapter 3, the Lithium Battery Charging Protection Integrated Circuit (IC) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Lithium Battery Charging Protection Integrated Circuit (IC) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Lithium Battery Charging Protection Integrated Circuit (IC) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Lithium Battery Charging Protection Integrated Circuit (IC).

Chapter 14 and 15, to describe Lithium Battery Charging Protection Integrated Circuit (IC) sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Lithium Battery Charging Protection Integrated Circuit (IC)
Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Single String Protection

1.3.3 Multi String Protection

1.4 Market Analysis by Application

1.4.1 Overview: Global Lithium Battery Charging Protection Integrated Circuit (IC)
Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Consumer Electronics

1.4.3 Industrial Electronics

1.4.4 Medical Equipment

1.4.5 Others

1.5 Global Lithium Battery Charging Protection Integrated Circuit (IC) Market Size & Forecast

1.5.1 Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption
Value (2020 & 2024 & 2031)

1.5.2 Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity
(2020-2031)

1.5.3 Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price
(2020-2031)

2 MANUFACTURERS PROFILES

2.1 Analog Devices

2.1.1 Analog Devices Details

2.1.2 Analog Devices Major Business

2.1.3 Analog Devices Lithium Battery Charging Protection Integrated Circuit (IC)
Product and Services

2.1.4 Analog Devices Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Analog Devices Recent Developments/Updates

2.2 ON Semiconductor

2.2.1 ON Semiconductor Details

2.2.2 ON Semiconductor Major Business

2.2.3 ON Semiconductor Lithium Battery Charging Protection Integrated Circuit (IC)

Product and Services

2.2.4 ON Semiconductor Lithium Battery Charging Protection Integrated Circuit (IC)

Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 ON Semiconductor Recent Developments/Updates

2.3 RICOH Electronic Devices

2.3.1 RICOH Electronic Devices Details

2.3.2 RICOH Electronic Devices Major Business

2.3.3 RICOH Electronic Devices Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

2.3.4 RICOH Electronic Devices Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 RICOH Electronic Devices Recent Developments/Updates

2.4 Texas Instruments

2.4.1 Texas Instruments Details

2.4.2 Texas Instruments Major Business

2.4.3 Texas Instruments Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

2.4.4 Texas Instruments Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Texas Instruments Recent Developments/Updates

2.5 Diodes Incorporated

2.5.1 Diodes Incorporated Details

2.5.2 Diodes Incorporated Major Business

2.5.3 Diodes Incorporated Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

2.5.4 Diodes Incorporated Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 Diodes Incorporated Recent Developments/Updates

2.6 ABLIC

2.6.1 ABLIC Details

2.6.2 ABLIC Major Business

2.6.3 ABLIC Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

2.6.4 ABLIC Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 ABLIC Recent Developments/Updates

2.7 Mitsumi Electric

2.7.1 Mitsumi Electric Details

2.7.2 Mitsumi Electric Major Business

2.7.3 Mitsumi Electric Lithium Battery Charging Protection Integrated Circuit (IC)

Product and Services

2.7.4 Mitsumi Electric Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Mitsumi Electric Recent Developments/Updates

2.8 HYCON Technology

2.8.1 HYCON Technology Details

2.8.2 HYCON Technology Major Business

2.8.3 HYCON Technology Lithium Battery Charging Protection Integrated Circuit (IC)

Product and Services

2.8.4 HYCON Technology Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 HYCON Technology Recent Developments/Updates

2.9 Seiko Instruments

2.9.1 Seiko Instruments Details

2.9.2 Seiko Instruments Major Business

2.9.3 Seiko Instruments Lithium Battery Charging Protection Integrated Circuit (IC)

Product and Services

2.9.4 Seiko Instruments Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 Seiko Instruments Recent Developments/Updates

2.10 Foshan Blue Rocket Electronics

2.10.1 Foshan Blue Rocket Electronics Details

2.10.2 Foshan Blue Rocket Electronics Major Business

2.10.3 Foshan Blue Rocket Electronics Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

2.10.4 Foshan Blue Rocket Electronics Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.10.5 Foshan Blue Rocket Electronics Recent Developments/Updates

2.11 Htsemi

2.11.1 Htsemi Details

2.11.2 Htsemi Major Business

2.11.3 Htsemi Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

2.11.4 Htsemi Lithium Battery Charging Protection Integrated Circuit (IC) Sales

Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.11.5 Htsemi Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: LITHIUM BATTERY CHARGING PROTECTION INTEGRATED CIRCUIT (IC) BY MANUFACTURER

3.1 Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Manufacturer (2020-2025)

3.2 Global Lithium Battery Charging Protection Integrated Circuit (IC) Revenue by Manufacturer (2020-2025)

3.3 Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Lithium Battery Charging Protection Integrated Circuit (IC) by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Lithium Battery Charging Protection Integrated Circuit (IC) Manufacturer Market Share in 2024

3.4.3 Top 6 Lithium Battery Charging Protection Integrated Circuit (IC) Manufacturer Market Share in 2024

3.5 Lithium Battery Charging Protection Integrated Circuit (IC) Market: Overall Company Footprint Analysis

3.5.1 Lithium Battery Charging Protection Integrated Circuit (IC) Market: Region Footprint

3.5.2 Lithium Battery Charging Protection Integrated Circuit (IC) Market: Company Product Type Footprint

3.5.3 Lithium Battery Charging Protection Integrated Circuit (IC) 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 Lithium Battery Charging Protection Integrated Circuit (IC) Market Size by Region

4.1.1 Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Region (2020-2031)

4.1.2 Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Region (2020-2031)

4.1.3 Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price

by Region (2020-2031)

4.2 North America Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031)

4.3 Europe Lithium Battery Charging Protection Integrated Circuit (IC) Consumption
Value (2020-2031)

4.4 Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Consumption
Value (2020-2031)

4.5 South America Lithium Battery Charging Protection Integrated Circuit (IC)
Consumption Value (2020-2031)

4.6 Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC)
Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by
Type (2020-2031)

5.2 Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption
Value by Type (2020-2031)

5.3 Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by
Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by
Application (2020-2031)

6.2 Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption
Value by Application (2020-2031)

6.3 Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by
Application (2020-2031)

7 NORTH AMERICA

7.1 North America Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Type (2020-2031)

7.2 North America Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Application (2020-2031)

7.3 North America Lithium Battery Charging Protection Integrated Circuit (IC) Market
Size by Country

7.3.1 North America Lithium Battery Charging Protection Integrated Circuit (IC) Sales

Quantity by Country (2020-2031)

7.3.2 North America Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Type (2020-2031)

8.2 Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Application (2020-2031)

8.3 Europe Lithium Battery Charging Protection Integrated Circuit (IC) Market Size by Country

8.3.1 Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Country (2020-2031)

8.3.2 Europe Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Market Size by Region

9.3.1 Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

- 9.3.5 South Korea Market Size and Forecast (2020-2031)
- 9.3.6 India Market Size and Forecast (2020-2031)
- 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
- 9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

- 10.1 South America Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Type (2020-2031)
- 10.2 South America Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Application (2020-2031)
- 10.3 South America Lithium Battery Charging Protection Integrated Circuit (IC) Market Size by Country
 - 10.3.1 South America Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Country (2020-2031)
 - 10.3.2 South America Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Country (2020-2031)
 - 10.3.3 Brazil Market Size and Forecast (2020-2031)
 - 10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Market Size by Country
 - 11.3.1 Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Country (2020-2031)
 - 11.3.2 Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Country (2020-2031)
 - 11.3.3 Turkey Market Size and Forecast (2020-2031)
 - 11.3.4 Egypt Market Size and Forecast (2020-2031)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
 - 11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

- 12.1 Lithium Battery Charging Protection Integrated Circuit (IC) Market Drivers
- 12.2 Lithium Battery Charging Protection Integrated Circuit (IC) Market Restraints
- 12.3 Lithium Battery Charging Protection Integrated Circuit (IC) 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 Lithium Battery Charging Protection Integrated Circuit (IC) and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Lithium Battery Charging Protection Integrated Circuit (IC)
- 13.3 Lithium Battery Charging Protection Integrated Circuit (IC) Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Lithium Battery Charging Protection Integrated Circuit (IC) Typical Distributors
- 14.3 Lithium Battery Charging Protection Integrated Circuit (IC) 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 Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Analog Devices Basic Information, Manufacturing Base and Competitors

Table 4. Analog Devices Major Business

Table 5. Analog Devices Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 6. Analog Devices Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Analog Devices Recent Developments/Updates

Table 8. ON Semiconductor Basic Information, Manufacturing Base and Competitors

Table 9. ON Semiconductor Major Business

Table 10. ON Semiconductor Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 11. ON Semiconductor Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. ON Semiconductor Recent Developments/Updates

Table 13. RICOH Electronic Devices Basic Information, Manufacturing Base and Competitors

Table 14. RICOH Electronic Devices Major Business

Table 15. RICOH Electronic Devices Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 16. RICOH Electronic Devices Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. RICOH Electronic Devices Recent Developments/Updates

Table 18. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 19. Texas Instruments Major Business

Table 20. Texas Instruments Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 21. Texas Instruments Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross

Margin and Market Share (2020-2025)

Table 22. Texas Instruments Recent Developments/Updates

Table 23. Diodes Incorporated Basic Information, Manufacturing Base and Competitors

Table 24. Diodes Incorporated Major Business

Table 25. Diodes Incorporated Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 26. Diodes Incorporated Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Diodes Incorporated Recent Developments/Updates

Table 28. ABLIC Basic Information, Manufacturing Base and Competitors

Table 29. ABLIC Major Business

Table 30. ABLIC Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 31. ABLIC Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. ABLIC Recent Developments/Updates

Table 33. Mitsumi Electric Basic Information, Manufacturing Base and Competitors

Table 34. Mitsumi Electric Major Business

Table 35. Mitsumi Electric Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 36. Mitsumi Electric Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Mitsumi Electric Recent Developments/Updates

Table 38. HYCON Technology Basic Information, Manufacturing Base and Competitors

Table 39. HYCON Technology Major Business

Table 40. HYCON Technology Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 41. HYCON Technology Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. HYCON Technology Recent Developments/Updates

Table 43. Seiko Instruments Basic Information, Manufacturing Base and Competitors

Table 44. Seiko Instruments Major Business

Table 45. Seiko Instruments Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 46. Seiko Instruments Lithium Battery Charging Protection Integrated Circuit (IC)

Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Seiko Instruments Recent Developments/Updates

Table 48. Foshan Blue Rocket Electronics Basic Information, Manufacturing Base and Competitors

Table 49. Foshan Blue Rocket Electronics Major Business

Table 50. Foshan Blue Rocket Electronics Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 51. Foshan Blue Rocket Electronics Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Foshan Blue Rocket Electronics Recent Developments/Updates

Table 53. Htsemi Basic Information, Manufacturing Base and Competitors

Table 54. Htsemi Major Business

Table 55. Htsemi Lithium Battery Charging Protection Integrated Circuit (IC) Product and Services

Table 56. Htsemi Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Htsemi Recent Developments/Updates

Table 58. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 59. Global Lithium Battery Charging Protection Integrated Circuit (IC) Revenue by Manufacturer (2020-2025) & (USD Million)

Table 60. Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 61. Market Position of Manufacturers in Lithium Battery Charging Protection Integrated Circuit (IC), (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 62. Head Office and Lithium Battery Charging Protection Integrated Circuit (IC) Production Site of Key Manufacturer

Table 63. Lithium Battery Charging Protection Integrated Circuit (IC) Market: Company Product Type Footprint

Table 64. Lithium Battery Charging Protection Integrated Circuit (IC) Market: Company Product Application Footprint

Table 65. Lithium Battery Charging Protection Integrated Circuit (IC) New Market Entrants and Barriers to Market Entry

Table 66. Lithium Battery Charging Protection Integrated Circuit (IC) Mergers, Acquisition, Agreements, and Collaborations

Table 67. Global Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR
Table 68. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Region (2020-2025) & (K Units)
Table 69. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Region (2026-2031) & (K Units)
Table 70. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Region (2020-2025) & (USD Million)
Table 71. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Region (2026-2031) & (USD Million)
Table 72. Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by Region (2020-2025) & (US\$/Unit)
Table 73. Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by Region (2026-2031) & (US\$/Unit)
Table 74. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Type (2020-2025) & (K Units)
Table 75. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Type (2026-2031) & (K Units)
Table 76. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Type (2020-2025) & (USD Million)
Table 77. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Type (2026-2031) & (USD Million)
Table 78. Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by Type (2020-2025) & (US\$/Unit)
Table 79. Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by Type (2026-2031) & (US\$/Unit)
Table 80. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Application (2020-2025) & (K Units)
Table 81. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Application (2026-2031) & (K Units)
Table 82. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Application (2020-2025) & (USD Million)
Table 83. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Application (2026-2031) & (USD Million)
Table 84. Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by Application (2020-2025) & (US\$/Unit)
Table 85. Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by Application (2026-2031) & (US\$/Unit)
Table 86. North America Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Type (2020-2025) & (K Units)

Table 87. North America Lithium Battery Charging Protection Integrated Circuit (IC)
Sales Quantity by Type (2026-2031) & (K Units)

Table 88. North America Lithium Battery Charging Protection Integrated Circuit (IC)
Sales Quantity by Application (2020-2025) & (K Units)

Table 89. North America Lithium Battery Charging Protection Integrated Circuit (IC)
Sales Quantity by Application (2026-2031) & (K Units)

Table 90. North America Lithium Battery Charging Protection Integrated Circuit (IC)
Sales Quantity by Country (2020-2025) & (K Units)

Table 91. North America Lithium Battery Charging Protection Integrated Circuit (IC)
Sales Quantity by Country (2026-2031) & (K Units)

Table 92. North America Lithium Battery Charging Protection Integrated Circuit (IC)
Consumption Value by Country (2020-2025) & (USD Million)

Table 93. North America Lithium Battery Charging Protection Integrated Circuit (IC)
Consumption Value by Country (2026-2031) & (USD Million)

Table 94. Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Type (2020-2025) & (K Units)

Table 95. Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Type (2026-2031) & (K Units)

Table 96. Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Application (2020-2025) & (K Units)

Table 97. Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Application (2026-2031) & (K Units)

Table 98. Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Country (2020-2025) & (K Units)

Table 99. Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Country (2026-2031) & (K Units)

Table 100. Europe Lithium Battery Charging Protection Integrated Circuit (IC)
Consumption Value by Country (2020-2025) & (USD Million)

Table 101. Europe Lithium Battery Charging Protection Integrated Circuit (IC)
Consumption Value by Country (2026-2031) & (USD Million)

Table 102. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Type (2020-2025) & (K Units)

Table 103. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Type (2026-2031) & (K Units)

Table 104. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Application (2020-2025) & (K Units)

Table 105. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales
Quantity by Application (2026-2031) & (K Units)

Table 106. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales

Quantity by Region (2020-2025) & (K Units)

Table 107. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales

Quantity by Region (2026-2031) & (K Units)

Table 108. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value by Region (2020-2025) & (USD Million)

Table 109. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value by Region (2026-2031) & (USD Million)

Table 110. South America Lithium Battery Charging Protection Integrated Circuit (IC)

Sales Quantity by Type (2020-2025) & (K Units)

Table 111. South America Lithium Battery Charging Protection Integrated Circuit (IC)

Sales Quantity by Type (2026-2031) & (K Units)

Table 112. South America Lithium Battery Charging Protection Integrated Circuit (IC)

Sales Quantity by Application (2020-2025) & (K Units)

Table 113. South America Lithium Battery Charging Protection Integrated Circuit (IC)

Sales Quantity by Application (2026-2031) & (K Units)

Table 114. South America Lithium Battery Charging Protection Integrated Circuit (IC)

Sales Quantity by Country (2020-2025) & (K Units)

Table 115. South America Lithium Battery Charging Protection Integrated Circuit (IC)

Sales Quantity by Country (2026-2031) & (K Units)

Table 116. South America Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value by Country (2020-2025) & (USD Million)

Table 117. South America Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value by Country (2026-2031) & (USD Million)

Table 118. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Type (2020-2025) & (K Units)

Table 119. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Type (2026-2031) & (K Units)

Table 120. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Application (2020-2025) & (K Units)

Table 121. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Application (2026-2031) & (K Units)

Table 122. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Country (2020-2025) & (K Units)

Table 123. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity by Country (2026-2031) & (K Units)

Table 124. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Country (2020-2025) & (USD Million)

Table 125. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Country (2026-2031) & (USD Million)

Table 126. Lithium Battery Charging Protection Integrated Circuit (IC) Raw Material

Table 127. Key Manufacturers of Lithium Battery Charging Protection Integrated Circuit (IC) Raw Materials

Table 128. Lithium Battery Charging Protection Integrated Circuit (IC) Typical Distributors

Table 129. Lithium Battery Charging Protection Integrated Circuit (IC) Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Lithium Battery Charging Protection Integrated Circuit (IC) Picture
- Figure 2. Global Lithium Battery Charging Protection Integrated Circuit (IC) Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Lithium Battery Charging Protection Integrated Circuit (IC) Revenue Market Share by Type in 2024
- Figure 4. Single String Protection Examples
- Figure 5. Multi String Protection Examples
- Figure 6. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 7. Global Lithium Battery Charging Protection Integrated Circuit (IC) Revenue Market Share by Application in 2024
- Figure 8. Consumer Electronics Examples
- Figure 9. Industrial Electronics Examples
- Figure 10. Medical Equipment Examples
- Figure 11. Others Examples
- Figure 12. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 13. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 14. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity (2020-2031) & (K Units)
- Figure 15. Global Lithium Battery Charging Protection Integrated Circuit (IC) Price (2020-2031) & (US\$/Unit)
- Figure 16. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Manufacturer in 2024
- Figure 17. Global Lithium Battery Charging Protection Integrated Circuit (IC) Revenue Market Share by Manufacturer in 2024
- Figure 18. Producer Shipments of Lithium Battery Charging Protection Integrated Circuit (IC) by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 19. Top 3 Lithium Battery Charging Protection Integrated Circuit (IC) Manufacturer (Revenue) Market Share in 2024
- Figure 20. Top 6 Lithium Battery Charging Protection Integrated Circuit (IC) Manufacturer (Revenue) Market Share in 2024
- Figure 21. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Region (2020-2031)

- Figure 22. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value Market Share by Region (2020-2031)
- Figure 23. North America Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 24. Europe Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 25. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 26. South America Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 27. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 28. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Type (2020-2031)
- Figure 29. Global Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value Market Share by Type (2020-2031)
- Figure 30. Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by Type (2020-2031) & (US\$/Unit)
- Figure 31. Global Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Application (2020-2031)
- Figure 32. Global Lithium Battery Charging Protection Integrated Circuit (IC) Revenue Market Share by Application (2020-2031)
- Figure 33. Global Lithium Battery Charging Protection Integrated Circuit (IC) Average Price by Application (2020-2031) & (US\$/Unit)
- Figure 34. North America Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Type (2020-2031)
- Figure 35. North America Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Application (2020-2031)
- Figure 36. North America Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Country (2020-2031)
- Figure 37. North America Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value Market Share by Country (2020-2031)
- Figure 38. United States Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 39. Canada Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 40. Mexico Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 41. Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales

Quantity Market Share by Type (2020-2031)

Figure 42. Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales

Quantity Market Share by Application (2020-2031)

Figure 43. Europe Lithium Battery Charging Protection Integrated Circuit (IC) Sales

Quantity Market Share by Country (2020-2031)

Figure 44. Europe Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value Market Share by Country (2020-2031)

Figure 45. Germany Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031) & (USD Million)

Figure 46. France Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031) & (USD Million)

Figure 47. United Kingdom Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031) & (USD Million)

Figure 48. Russia Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031) & (USD Million)

Figure 49. Italy Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)

Figure 50. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales

Quantity Market Share by Type (2020-2031)

Figure 51. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales

Quantity Market Share by Application (2020-2031)

Figure 52. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC) Sales

Quantity Market Share by Region (2020-2031)

Figure 53. Asia-Pacific Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value Market Share by Region (2020-2031)

Figure 54. China Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031) & (USD Million)

Figure 55. Japan Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031) & (USD Million)

Figure 56. South Korea Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031) & (USD Million)

Figure 57. India Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031) & (USD Million)

Figure 58. Southeast Asia Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031) & (USD Million)

Figure 59. Australia Lithium Battery Charging Protection Integrated Circuit (IC)

Consumption Value (2020-2031) & (USD Million)

Figure 60. South America Lithium Battery Charging Protection Integrated Circuit (IC)

Sales Quantity Market Share by Type (2020-2031)

- Figure 61. South America Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Application (2020-2031)
- Figure 62. South America Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Country (2020-2031)
- Figure 63. South America Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value Market Share by Country (2020-2031)
- Figure 64. Brazil Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 65. Argentina Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 66. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Type (2020-2031)
- Figure 67. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Application (2020-2031)
- Figure 68. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Sales Quantity Market Share by Country (2020-2031)
- Figure 69. Middle East & Africa Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value Market Share by Country (2020-2031)
- Figure 70. Turkey Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 71. Egypt Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 72. Saudi Arabia Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 73. South Africa Lithium Battery Charging Protection Integrated Circuit (IC) Consumption Value (2020-2031) & (USD Million)
- Figure 74. Lithium Battery Charging Protection Integrated Circuit (IC) Market Drivers
- Figure 75. Lithium Battery Charging Protection Integrated Circuit (IC) Market Restraints
- Figure 76. Lithium Battery Charging Protection Integrated Circuit (IC) Market Trends
- Figure 77. Porters Five Forces Analysis
- Figure 78. Manufacturing Cost Structure Analysis of Lithium Battery Charging Protection Integrated Circuit (IC) in 2024
- Figure 79. Manufacturing Process Analysis of Lithium Battery Charging Protection Integrated Circuit (IC)
- Figure 80. Lithium Battery Charging Protection Integrated Circuit (IC) Industrial Chain
- Figure 81. Sales Channel: Direct to End-User vs Distributors
- Figure 82. Direct Channel Pros & Cons
- Figure 83. Indirect Channel Pros & Cons
- Figure 84. Methodology

Figure 85. Research Process and Data Source

I would like to order

Product name: Global Lithium Battery Charging Protection Integrated Circuit (IC) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/LBBA8CDCAEEAEN.html>

Price: US\$ 3,480.00 (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/LBBA8CDCAEEAEN.html>