

# Global USB Battery Charging Identification Integrated Circuits (ICs) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global USB Battery Charging Identification Integrated Circuits (ICs) market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

USB Battery Charging Identification (BCID) ICs are electronic components that are used to identify the type of device that is being charged via a USB port and adjust the charging current and voltage accordingly.

When a device is connected to a USB port for charging, the BCID IC communicates with the device to determine its charging requirements, and then sets the appropriate charging voltage and current levels. This helps to ensure that the device is charged safely and efficiently, without overcharging or damaging the battery.

There are different versions of the USB BCID specification, with different levels of charging power support. For example, the original USB BCID version 1.2 supports charging at up to 1.5A, while the newer USB BCID version 1.2 with extended charging specification (BC 1.2 + ESR) supports charging at up to 5A.

USB BCID ICs are commonly used in charging ports for smartphones, tablets, and other mobile devices, as well as in USB charging adapters and power banks. They play an important role in ensuring safe and efficient charging of these devices, and in protecting the batteries from damage caused by overcharging or incorrect charging levels.

This report is a detailed and comprehensive analysis for global USB Battery Charging Identification Integrated Circuits (ICs) 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 2023, are provided.

#### Key Features:

Global USB Battery Charging Identification Integrated Circuits (ICs) market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global USB Battery Charging Identification Integrated Circuits (ICs) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global USB Battery Charging Identification Integrated Circuits (ICs) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global USB Battery Charging Identification Integrated Circuits (ICs) market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

#### 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 USB Battery Charging Identification Integrated Circuits (ICs)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global USB Battery Charging Identification

Integrated Circuits (ICs) market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Renesas Technology, Dialog Semiconductor, Dallas Semiconductor, Maxim Integrated and Balluff, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

USB Battery Charging Identification Integrated Circuits (ICs) market is split by Type and by Application. For the period 2018-2029, 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-Channel

Multi-Channel

### Market segment by Application

Aerospace

Medical

Automotive

Consumer Electronic

Others

### Major players covered

Renesas Technology

Dialog Semiconductor

Dallas Semiconductor

Maxim Integrated

Balluff

Feature Integration Technology

Freescale Semiconductor

STMicroelectronics

Microsemi

Texas Instruments

ON Semiconductor

Analog Devices

NXP Semiconductors

Fairchild Semiconductor

ROHM Semiconductor

Cypress Semiconductor

Shenzhen Fuman

Shanghai Consonance Electronics

GOODIX

SyncMOS Technologies

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 USB Battery Charging Identification Integrated Circuits (ICs) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of USB Battery Charging Identification Integrated Circuits (ICs), with price, sales, revenue and global market share of USB Battery Charging Identification Integrated Circuits (ICs) from 2018 to 2023.

Chapter 3, the USB Battery Charging Identification Integrated Circuits (ICs) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the USB Battery Charging Identification Integrated Circuits (ICs) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2022.and USB Battery Charging Identification Integrated Circuits (ICs) market

forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of USB Battery Charging Identification Integrated Circuits (ICs).

Chapter 14 and 15, to describe USB Battery Charging Identification Integrated Circuits (ICs) sales channel, distributors, customers, research findings and conclusion.

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