

# Global PLC Modem 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 PLC Modem 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.

PLC modem ICs (Power Line Communication modem ICs) are electronic components used in Power Line Communication (PLC) systems, which allow data to be transmitted over power lines. These ICs are designed to modulate and demodulate data signals sent over power lines, enabling communication between devices connected to the power grid.

PLC modem ICs are typically used in applications where it is not feasible or cost-effective to install separate communication lines, such as in smart grid systems, home automation networks, and industrial control systems. They are also used in applications such as street lighting systems, where power lines are already in place and can be used for data transmission.

PLC modem ICs typically support a range of communication protocols, including G3-PLC, PRIME, and HomePlug, and are available in a variety of form factors, including System-on-Chip (SoC) and stand-alone modem ICs. Some key features of PLC modem ICs include low power consumption, high data transfer rates, and robust performance in noisy electrical environments.

This report is a detailed and comprehensive analysis for global PLC Modem 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 PLC Modem ICs market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global PLC Modem 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 PLC Modem 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 PLC Modem 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 PLC Modem 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 PLC Modem 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 Texas Instruments, STMicroelectronics, Maxim Integrated, Microchip Technology and NXP Semiconductors, 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

PLC Modem 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

Narrowband

Broadband

### Market segment by Application

Automotive

Medical

Telecommunications

Energy

Others

### Major players covered

Texas Instruments

STMicroelectronics

Maxim Integrated

Microchip Technology

NXP Semiconductors

Analog Devices

Renesas

Semtech

Marvell Technology Group

Broadcom

Qualcomm

Infineon Technologies

ON Semiconductor

Silicon Laboratories

Adesto Technologies

Dialog Semiconductor

Moxa

HiSilicon

GOSPELL

Tsinghua Unigroup

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 PLC Modem ICs product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of PLC Modem ICs, with price, sales, revenue and global market share of PLC Modem ICs from 2018 to 2023.

Chapter 3, the PLC Modem ICs competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the PLC Modem 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 PLC Modem 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 PLC Modem ICs.

Chapter 14 and 15, to describe PLC Modem ICs sales channel, distributors, customers, research findings and conclusion.

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