

Global PLC Modem ICs Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GA2311AEFDF1EN.html>

Date: March 2023

Pages: 130

Price: US\$ 4,480.00 (Single User License)

ID: GA2311AEFDF1EN

Abstracts

The global PLC Modem ICs market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

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 studies the global PLC Modem ICs production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for PLC Modem ICs, and provides market size (US\$ million) and Year-over-Year (YoY) Growth,

considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of PLC Modem ICs that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global PLC Modem ICs total production and demand, 2018-2029, (K Units)

Global PLC Modem ICs total production value, 2018-2029, (USD Million)

Global PLC Modem ICs production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global PLC Modem ICs consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: PLC Modem ICs domestic production, consumption, key domestic manufacturers and share

Global PLC Modem ICs production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global PLC Modem ICs production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global PLC Modem ICs production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports 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, NXP Semiconductors, Analog Devices, Renesas, Semtech and Marvell Technology Group, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World PLC Modem ICs market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global PLC Modem ICs Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global PLC Modem ICs Market, Segmentation by Type

Narrowband

Broadband

Global PLC Modem ICs Market, Segmentation by Application

Automotive

Medical

Telecommunications

Energy

Others

Companies Profiled:

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

Key Questions Answered

1. How big is the global PLC Modem ICs market?
2. What is the demand of the global PLC Modem ICs market?
3. What is the year over year growth of the global PLC Modem ICs market?
4. What is the production and production value of the global PLC Modem ICs market?
5. Who are the key producers in the global PLC Modem ICs market?
6. What are the growth factors driving the market demand?

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