

# Global PLC Modem ICs Market Growth 2023-2029

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## **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

The global PLC Modem ICs market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for PLC Modem ICs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for PLC Modem ICs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for PLC Modem ICs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key PLC Modem ICs players cover Texas Instruments, STMicroelectronics, Maxim Integrated, Microchip Technology, NXP Semiconductors, Analog Devices, Renesas, Semtech and Marvell Technology Group, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

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 costeffective 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.

LPI (LP Information)' newest research report, the "PLC Modem ICs Industry Forecast" looks at past sales and reviews total world PLC Modem ICs sales in 2022, providing a comprehensive analysis by region and market sector of projected PLC Modem ICs sales for 2023 through 2029. With PLC Modem ICs sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world PLC Modem ICs industry.

This Insight Report provides a comprehensive analysis of the global PLC Modem ICs landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PLC Modem ICs portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PLC Modem ICs market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PLC Modem ICs and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global PLC Modem ICs.

This report presents a comprehensive overview, market shares, and growth opportunities of PLC Modem ICs market by product type, application, key manufacturers and key regions and countries.

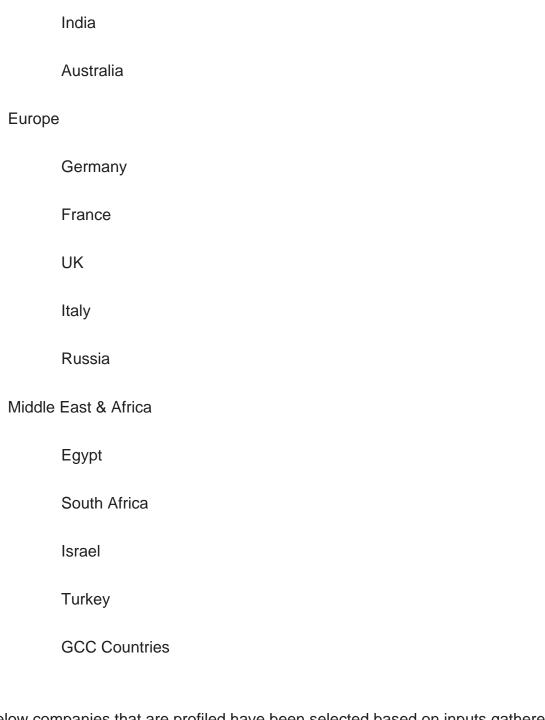
Market Segmentation:

Segmentation by type



Narrov	vband
Broadl	band
Co and out ation	h analization
Segmentation	by application
Automotive	
Medical	
Telecommunications	
Energy	
Others	
This report als	so splits the market by region:
Americas	
	United States
	Canada
	Mexico
	Brazil
APAC	
	China
	Japan
	Korea
	Southeast Asia





The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

**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 Addressed in this Report

What is the 10-year outlook for the global PLC Modem ICs market?



What factors are driving PLC Modem ICs market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do PLC Modem ICs market opportunities vary by end market size?

How does PLC Modem ICs break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?



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