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Global GPIO Expanders Market Growth 2023-2029

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Abstracts

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A GPIO expander is a device that enables designers to implement additional inputs and outputs (I / O) on a microprocessor (MPU) or microcontroller (MCU) system. They have an efficient data bus interface to reduce the I / O requirements of the MPU or MCU. This is usually a synchronous serial interface, such as SPI or I2C. They enable designers to incorporate more I / O in a system than the capacity available on the processor device the designer is using. They also enable the I / O to be physically located in a system separate from the processor, facilitating printed circuit board layout and improving signal integrity.

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

This Insight Report provides a comprehensive analysis of the global GPIO Expanders 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 GPIO Expanders portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global GPIO Expanders market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for GPIO Expanders and breaks down the forecast by type,

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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 GPIO Expanders.

The global GPIO Expanders 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 GPIO Expanders 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 GPIO Expanders 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 GPIO Expanders is estimated to increase from US$ million in 2022 to US$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key GPIO Expanders players cover NXP Semiconductors, Maxim Integrated, Microchip Technology, Maxlinear, Texas Instrument, Lattice Semiconductor, Analog Devices, Silicon Laboratories and Nexperia, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

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

Market Segmentation:

Segmentation by type

Quasi-bidirectional GPIO

LED PWM Open-drain GPIO

Segmentation by application

Mobile Phone

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Camera and Video Equipment

Portable Gaming Equipment

Laptop

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

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France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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.

NXP Semiconductors

Maxim Integrated

Microchip Technology

Maxlinear

Texas Instrument

Lattice Semiconductor

Analog Devices

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Silicon Laboratories

Nexperia

On Semiconductor

STMicroelectronics

Semtech

Cypress Semiconductor

Key Questions Addressed in this Report

What is the 10-year outlook for the global GPIO Expanders market?

What factors are driving GPIO Expanders market growth, globally and by region?

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

How do GPIO Expanders market opportunities vary by end market size?

How does GPIO Expanders break out type, application?

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

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