

Global Digital Power ICs Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Digital Power ICs market size is expected to reach \$ 3958.2 million by 2029, rising at a market growth of 8.8% CAGR during the forecast period (2023-2029).

The key manufacturers of Digital Power ICs include STMicroelectronics, Texas Instruments, NXP Semiconductors, Microchip, etc. The top four players have a combined market share of about 62%.

The Asia-Pacific region is the world's largest market with a market share of about 55% and will continue to grow in the future. North America is the second largest market, accounting for about 28%.

In terms of product, Digital Power ICs include 8-channel, 16-channel, 32-channel and other types. The 16-channel Digital Power ICs occupies the highest market share, about 36%.

Digital Power ICs is used in industrial, automotive, telecom&infrastructure, consumer electronic and other downstream industries. Industrial aspect is the main downstream industry, with a market share of about 52%.

Digital power is an energy conversion system that applies digital control technology to power management applications. It has many advantages such as higher power density, faster control loop, ability to manage complex topologies, and design flexibility.

Digital power ICs are digitally controlled power management ICs that provide configuration, monitoring and monitoring functions, and can be extended to full loop control.

This report studies the global Digital Power ICs production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Digital Power 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 Digital Power ICs that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Digital Power ICs total production and demand, 2018-2029, (Million Pieces)

Global Digital Power ICs total production value, 2018-2029, (USD Million)

Global Digital Power ICs production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Million Pieces)

Global Digital Power ICs consumption by region & country, CAGR, 2018-2029 & (Million Pieces)

U.S. VS China: Digital Power ICs domestic production, consumption, key domestic manufacturers and share

Global Digital Power ICs production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Million Pieces)

Global Digital Power ICs production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Million Pieces)

Global Digital Power ICs production by Application production, value, CAGR, 2018-2029, (USD Million) & (Million Pieces)

This reports profiles key players in the global Digital Power 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, NXP, Microchip, STMicroelectronics, Infineon Technologies, Renesas, ON Semi, Sanken Electric and

Analog Devices, 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 Digital Power ICs market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Million Pieces) and average price (US\$/Piece) 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 Digital Power ICs Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Digital Power ICs Market, Segmentation by Type

8-channel

16-channel

32-channel

Others

Global Digital Power ICs Market, Segmentation by Application

Industrial

Automotive

Telecom & Infrastructure

Consumer Electronic

Others

Companies Profiled:

Texas Instruments

NXP

Microchip

STMicroelectronics

Infineon Technologies

Renesas

ON Semi

Sanken Electric

Analog Devices

Alpha and Omega Semiconductor

Power Integrations

Navitas Semiconductor

Mercury Chip Electronics Technology

Key Questions Answered

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

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