


FPGA Market Gain Impetus due to the Growing Demand over 2030 | CAGR 8.4%

The global market is expected to witness considerable growth, owing to increase in demand for consumer electronics & increase in adoption of smart technologies.

WILMINGTON, DELAWARE , UNITED STATES, February 29, 2024

/EINPresswire.com/ -- Global FPGA

Market ([FPGA](#) ) Size, Share, Competitive Landscape and Trend Analysis Report by Technology (EEPROM, Antifuse, SRAM, Flash, and Others (EPROM and PROM)),

Application (Data Processing, Consumer Electronics, Industrial, Military & Aerospace, Automotive, Telecom, and Others), and Type (High-end, Mid-end, and Low-end FPGA): Global Opportunity Analysis and Industry Forecast, 2021-2030

“

The global FPGA market is experiencing growth due to various factors, such as FPGA is adaptable, effective, requires less time for development, and has low non-recurrent engineering (NRE) costs.”

David Correa

The global field programmable gate array market size was valued at \$7.18 billion in 2020, and is projected to reach \$15.89 billion by 2030, registering a CAGR of 8.4% from 2021 to 2030.

Download Research Report Sample & TOC @ <https://www.alliedmarketresearch.com/request-sample/2320>

A field programmable gate array architecture (FPGA) is an integrated circuit that can be programmed later in the field after manufacturing. FPGA are like programmable read-

only memory (PROM); however, they possess wider and vast potential. Low recurring expenses, reusability, and simple design cycle are expected to fuel the market growth during the forecast period. Further, surge in demand for higher bandwidth devices for high-end applications is anticipated to offer numerous opportunities to key players of the field programmable gate array



market.

Many manufacturers operating in the field programmable gate array market are headquartered in Asia-Pacific, which boosts the growth in this region. Furthermore, growth in the automotive and consumer electronics industry has driven the market growth considerably. In addition, Asia-Pacific is one of the largest markets for automobiles in the world, and the increase in field programmable logic array integration in automobiles is highly opportunistic for the field programmable gate array market analysis.

Commonly used technologies in the market are time EPROM, Antifuse, and SRAM, flash. Among all SRAM is the most popular owing to its simplicity and low cost.

The field programmable gate array market ([Global Market Insights](#)) is segmented into technology, application, type, and region. Based on technology, the LED segment held the highest market share in 2020, accounting for three-fourths of the global 3D display market, and is estimated to maintain its leadership status throughout the forecast period. LEDs are increasingly used in the displays of various gadgets like TV, tablet, computer, and mobile because they are energy efficient as compared to conventional display technologies such as plasma and DLP. This is making it the largest segment of the market. Moreover, the OLED segment is projected to manifest the highest CAGR of 20.4% from 2021 to 2030. This is because OLED technology is recognized as a lighter and thinner alternative to conventional LED and LCD systems.

Inquiry Before Buying @

<https://www.alliedmarketresearch.com/purchase-enquiry/2320>

Based on access methods, the screen based display segment accounted for the largest share in 2020, contributing to 89% of the global 3D display market, and is projected to maintain its lead position during the forecast period. This is due to several factors such as increasing 3D content, improving networks across globe, availability of capable devices for 3D content delivery, enhanced taste & preferences of consumers. However, the micro display segment is expected to portray the largest CAGR of 20.0% from 2021 to 2030, owing to factors including compactness, efficiency in performance and rising number of applications.

North America was the highest revenue-generating region accounting for \$2,472.4 million in 2020. Increased consumer awareness along with expansion in smart technologies are the key contributors for the growth in the North America. However, Asia-Pacific is expected to generate a revenue of \$4,954.4 million by 2030, growing at a CAGR of 10.9% during the forecast period.

The pandemic is impacting production process of several industries, including semiconductor and electronics. Trade barriers are further constraining the demand and supply outlook. The overall production process is adversely affected as governments of different countries have already announced total lockdown and temporary shutdown of industries.

Request for Customization @

<https://www.alliedmarketresearch.com/request-for-customization/2320>

The key players mentioned in the report are Achronix Semiconductor Corporation, Altera Corporation, ARM Ltd., Atmel Corporation, Cypress Semiconductors Corporation, Teledyne e2v Ltd., Lattice Semiconductor, Microsemi Corporation, QuickLogic Corporation, and Xilinx Inc. These key players have adopted several strategies, such as new product launch & development, acquisition, partnership & collaboration, and business expansion, to increase their footprint in the field programmable gate array industry during the forecast period

Key Findings of the Study

- The high-end FPGA segment is expected to generate the highest revenue during the forecast period.
- The SRAM segment is expected to generate the highest revenue during the field programmable gate array market forecast period.
- The industrial segment is expected to register the highest revenue during the forecast period.
- North America is expected to register the highest revenue during the forecast period.

David Correa

Allied Market Research

+ +1 5038946022

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/692269549>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.