

Field Programmable Gate Array Market Expected to Witness Sustainable Growth Over 2030

Field Programmable Gate Array Market is Expected to Reach \$15.89 Billion by 2030 - Allied Market Research

WILMINGTON, DELAWARE, UNITED STATES, June 13, 2024

/EINPresswire.com/ -- The global [field programmable gate array market](#) share

and size is expected to witness considerable growth, owing to an increase in demand for consumer electronics and an increase in the adoption of smart technologies globally. Allied Market Research, titled,

“Field Programmable Gate Array Market by Type, Technology, and Application: Global Opportunity Analysis and Industry Forecast, 2021–2030.” 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.



“

Great potential for reduction of cost and development of security level using the field programmable gate array.”

Allied Market Research

□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□□ & □□□□:

<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. FPGAs are like programmable read-only memory (PROM); however, they possess wider and

vast potential. Low recurring expenses, reusability, and a 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.

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 to the growth in 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.

For more information, contact us at info@alliedmarketresearch.com:

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

For more information, contact us at:

The Field Programmable Gate Array industry's key market players adopt various strategies such as product launch, product development, collaboration, partnership, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

For more information, contact us at info@alliedmarketresearch.com or [+14155009454](tel:+14155009454).

- Achronix Semiconductor Corporation
- Altera Corporation
- ARM Ltd.
- Atmel Corporation
- Cypress Semiconductors Corporation
- Teledyne e2v Ltd.
- Lattice Semiconductor
- Microsemi Corporation
- QuickLogic Corporation
- Xilinx Inc.

For more information, contact us at:

COVID-19 has caused the overall semiconductor industry to mobilize quickly and make short-term decisions with long-term implications. Semiconductor companies operate in a complex

ecosystem, working across the value chain with numerous raw materials, assembly, test, package, and equipment suppliers & partners across the globe.

Demand from the IT & telecommunication segment is expected to increase, owing to factors such as a rise in broadband usage, higher demand for cloud services, and video streaming. In addition, in the medium to long term, COVID-19 is expected to further push the need for digital transformation and technologies, such as 5G, IoT, AI, and intelligent edge computing for future optimization.

Some professional 3D camera manufacturers have witnessed temporary delays in production, increased costs, and revenue losses due to the pandemic.

The manufacturing sector witnessed severe loss, and thus no new orders have been placed during the pandemic. In addition, this impact is estimated to continue till 2021. Moreover, the international consumer in electronics and field programmable gate array market trends are in a very weak state, owing to the lockdown imposed to tackle the pandemic. Although the markets in the U.S. and Europe witnessed mild recovery in the second half of 2020, they are still significantly down on pre-crisis levels. Therefore, the field programmable gate array market growth is facing major obstacles after the emergence of the COVID-19 pandemic.

The pandemic is impacting the production process of several industries, including semiconductors 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 a total lockdown and temporary shutdown of industries.

For more information, please contact us at: <https://www.alliedmarketresearch.com/purchase-enquiry/2320>

Our research reports are available in PDF, PPT, and Excel formats.

- 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.

For more information, please contact us at:

Allied Market Research is a top provider of market intelligence that offers reports from leading technology publishers. Our in-depth market assessments in our research reports consider significant technological advancements in the sector. In addition to other areas of expertise, AMR focuses on analyzing high-tech and advanced production systems. We have a team of experts who compile thorough research reports and actively advise leading businesses to

enhance their current procedures. Our experts have a wealth of knowledge on the topics they cover. Also, they use a variety of tools and techniques when gathering and analyzing data, including patented data sources.

David Correa

Allied Market Research

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/719622733>

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.