

**Global Embedded FPGA Market By Technology (EEPROM, Antifuse, SRAM, Flash, Others), By Application (Data Processing, Consumer Electronics, Industrial, Military & Aerospace, Automotive, Telecom, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031**

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**Report description:**

The embedded FPGA (eFPGA) is an IP core integrated into an ASIC or SoC that offers the flexibility of programmable logic without the cost of FPGAs. Programmable logic is especially appealing for accelerating machine learning applications that need frequent updates.

Factors, such as low power requirement and reduced system cost drive the demand for embedded FPGA. Moreover, the adoption of embedded FPGA in high-end applications is expected to be opportunistic for the market. However, designing complexities is projected to hamper the market growth. Another factor driving the growth of the embedded FPGA market is enterprises that want to control their supply chain. They may have their own MCUs or ASSPs around which they have built software stacks. So, by adding some level of embedded FPGA re-configurability, they can swap security algorithms or proprietary code. The embedded FPGA IPs are available from several suppliers, and while these IPs are comparatively more integrative; the density of FPGA is starting to make sense for certain applications. The other factor that has shifted the pendulum in favour of embedded FPGAs is the move toward smaller process nodes.

The global embedded FPGA market is segmented based on technology and application. On the basis of technology, the market is divided into EEPROM, antifuse, SRAM, flash, and others. Based on application, the market is bifurcated into consumer electronics, automotive, industrial, data processing, military & aerospace, telecom, and others. Region-wise, the embedded FPGA market trends are analyzed across North America (U.S., Canada and Mexico), Europe (UK, Germany, France and the rest of the Europe), Asia-Pacific (China, Japan, India and the rest of the Asia-Pacific), and LAMEA (Latin America, Middle East, and Africa).

The key players that operate in the market include Achronix Semiconductor Corporation, Adicsys, Flex Logix Technologies, Inc., Menta S.A.S, NanoXplore, and QuickLogic Corporation.

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## Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the global embedded fpga market analysis from 2021 to 2031 to identify the prevailing global embedded fpga market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the global embedded fpga market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global global embedded fpga market trends, key players, market segments, application areas, and market growth strategies.

## Key Market Segments

### By Technology

- EEPROM
- Antifuse
- SRAM
- Flash
- Others

### By Application

- Data Processing
- Consumer Electronics
- Industrial
- Military Aerospace
- Automotive
- Telecom
- Others

### By Region

- North America
  - U.S.
  - Canada
  - Mexico
- Europe
  - U.K.
  - Germany
  - France
  - Rest of Europe
- Asia-Pacific
  - China
  - Japan
  - India
  - Rest of Asia-Pacific
- LAMEA
  - Latin America
  - Middle East
  - Africa
- Key Market Players

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- Achronix Semiconductor Corporation
- Adicsys
- FLEX LOGIX TECHNOLOGIES
- Menta S.A.S
- NanoXplore
- QuickLogic Corporation

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