

FPGAs (Field Programmable Gate Arrays) World Market Segmentation and Major Players Analysis 2020

FPGAs (Field Programmable Gate Arrays) Market 2016 Global Trends, Market Share, Industry Size, Growth, Opportunities, and Market Forecast to 2020

PUNE, INDIA, September 19, 2016

/EINPresswire.com/ -- Field Programmable Gate Arrays (FPGAs) have become increasingly important to the electronics industry. FPGAs have the potential for higher performance and lower power consumption than microprocessors and compared with application specific integrated circuits (ASICs), offer lower non-recurrent engineering (NRE) costs, reduced development time, easier debugging and reduced risk. Since modern FPGAs can meet many of the performance requirements of ASICs, FPGAs are being increasingly used in their place. There is a great potential to reduce the cost and enhance security level of IP by using field-programmable gate array.

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Due to the increased usage of Field Programmable Gate Array in various applications such as consumer electronics, automotive, and military & defense etc., the FPGA market is expected to increase to \$7.9 billion by 2020 at a CAGR of 7.8% over the period 2014-2020. Expansion in new applications and lower Nre cost per Asic design are the key drivers which are making the FPGA market to grow lucratively.

The Global FPGA Market is segmented on the basis of Configuration (High-End FPGA, Mid-Range FPGA, and Low-End FPGA), Architecture (Sram Based FPGA, Anti-Fuse Based FPGA, and Flash Based FPGA), Application (Telecommunication, Consumer Electronics, Industrial, Automotive, Military & Aerospace, Medical, and Others), and Geography (North America, Europe, Asia Pacific and Rest of the World).

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This report describes a detailed study of the Porters five forces analysis of the market. All the five major factors in these markets have been quantified using the internal key parameters governing each of them. It also covers the market landscape of these players which includes the key growth strategies, geographical footprint, and competition analysis.

The report also considers key trends that will impact the industry and profiles over 9 leading suppliers of FPGA market. Some of the top companies mentioned in the report are Xilinx, Inc. (U.S.), Altera Corporation (U.S.), Tabula, Inc. (U.S.), Achronix Semiconductor Corp(U.S.), Microsemi Corporation(U.S.), Lattice Semiconductor Corporation(U.S.), Atmel Corporation (U.S.), E2V Technologies (UK).

What the report offers

Market Definition for the specified topic along with identification of key drivers and restraints for the market.

Market analysis for the Global FPGA Market, with region specific assessments and competition analysis on a global and regional scale.

Identification of factors instrumental in changing the market scenarios, rising prospective opportunities and identification of key companies which can influence the market on a global and regional scale.

Extensively researched competitive landscape section with profiles of major companies along with their strategic initiatives and market shares.

Identification and analysis of the Macro and Micro factors that affect the Global FPGA Market on both global and regional scale.

A comprehensive list of key market players along with the analysis of their current strategic interests and key financial information.

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