

Kintex UltraScale FPGA 624 I/O 1517FCBGA

Manufacturers	AMD Xilinx, Inc
Package/Case	1517-BBGA, FCBGA
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XCKU115-2FLVA1517I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XCKU115-2FLVA1517I is a specific model of Xilinx UltraScale+ field-programmable gate array (FPGA) device. It is a high-end FPGA that is designed to deliver very high performance and high-speed processing capabilities, making it ideal for use in a wide range of applications.

Features

It is based on the UltraScale+ architecture, which is designed to deliver high performance and low power consumption.

It has a maximum capacity of 1.4 million logic cells, which allows for complex designs and applications.

It has a maximum operating frequency of 1.2 GHz, which enables fast processing of data and signals.

It has multiple built-in connectivity options, including high-speed transceivers and Ethernet interfaces.

It supports multiple programming modes, including partial reconfiguration, which allows for flexible and dynamic system configurations.

Application

High-performance computing (HPC) applications, such as data centers, scientific computing, and financial modeling.

Video and image processing applications, including real-time video encoding and decoding, and high-resolution image processing.

Aerospace and defense applications, such as radar processing, signal intelligence, and electronic warfare.

Networking and communication applications, including routers, switches, and network security appliances.

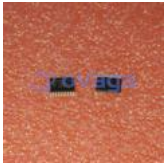


Related Products



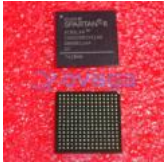
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SOP-20



[XCF04SV0G20C](#)

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[XC6SLX4-2CSG225C](#)

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BGA-225



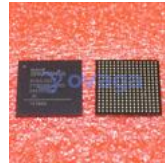
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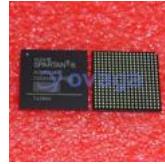
[XCF08PV0G48C](#)

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