

1500000 SYSTEM GATE 1.2 VOLT FPGA

Manufacturers	AMD Xilinx, Inc
Package/Case	FBGA-320
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S1500-4FGG320I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S1500-4FGG320I is a field-programmable gate array (FPGA) from Xilinx.

Features

It has a total of 1.5 million system gates, which can be used to implement complex digital systems.

The device has 1500 input/output (I/O) pins, which can be used to interface with external devices.

The FPGA operates at a maximum frequency of 400 MHz, which means that it can process up to 400 million instructions per second.

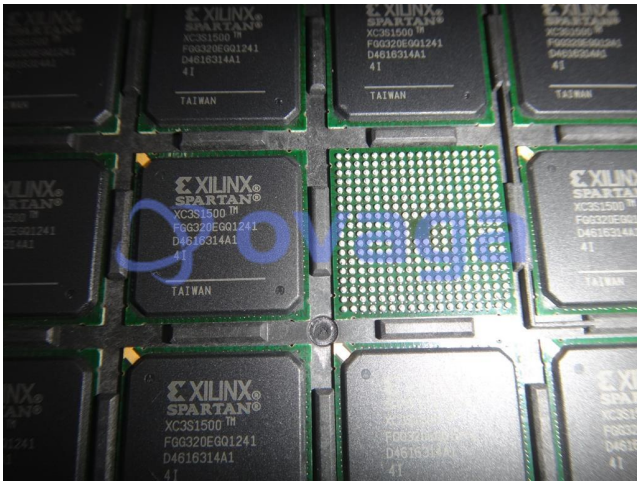
It has 240 block RAMs, each with a capacity of 18 Kb, for storing data.

Application

The XC3S1500-4FGG320I FPGA can be used in a variety of applications, including digital signal processing, image and video processing, telecommunications, and networking.

It is also used in aerospace and defense applications, such as radar and sonar systems.

The FPGA is commonly used for prototyping and development of custom digital systems.

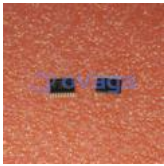


Related Products



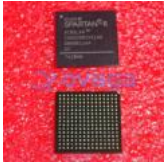
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



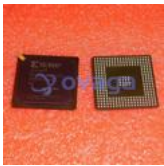
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[XC6SLX4-2CSG225C](#)

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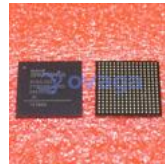
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BGA256



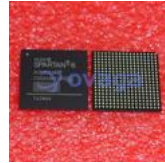
[XCF08PV0G48C](#)

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[XC6SLX25-3FTG256C](#)

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