

Spartan-3E FPGA 232 I/O 320FBGA

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA320
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S500E-4FGG320I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S500E-4FGG320I is a field-programmable gate array (FPGA) manufactured by Xilinx, a leading supplier of programmable logic devices.

Features

It has 500,000 system gates (equivalent to about 1.5 million ASIC gates) and 192 user I/O pins.

It operates on a 1.2V core voltage and can run at a maximum speed of 500 MHz

It supports various types of interfaces including LVCMOS, LVTTTL, LVDS, PCI, and SATA.

Application

Telecommunications: for wireless communication, base stations, routers, and switches.

Industrial control: for motor control, power management, and factory automation.

Consumer electronics: for high-definition TVs, set-top boxes, and digital cameras.

Medical devices: for patient monitoring, diagnostic equipment, and imaging systems.

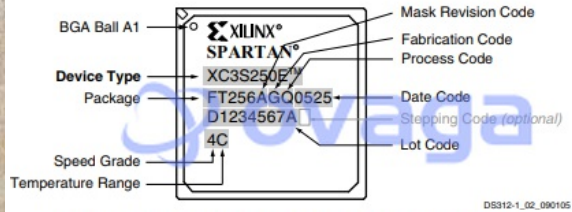


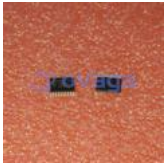
Figure 3: Spartan-3E BGA Package Marking Example

Related Products



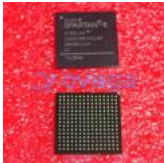
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



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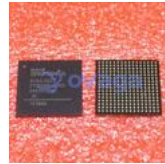
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