

FPGA Spartan®-3E Family 1.6M Gates 33192 Cells 572MHz 90nm (CMOS) Technology 1.2V

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



Images are for reference only

Please submit RFQ for XC3S1600E-4FGG320I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S1600E-4FGG320I is a product code for a field-programmable gate array (FPGA) manufactured by Xilinx, a leading company in the FPGA industry. Here's what each part of the code represents:

Features

- XC: Xilinx Company
- 3S: Spartan-3 generation FPGA
- 1600: indicates the number of logic cells in the FPGA
- E: Extended temperature range
- 4: Operating speed grade
- FGG320: Package type>
- I: RoHS compliant

Application

- 1.6 million system gates
- 92,160 logic cells
- 4,608 Kbits of block RAM
- 120 DSP slices
- Configurable I/Os





Related Products



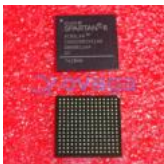
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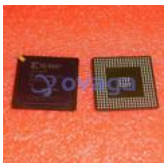
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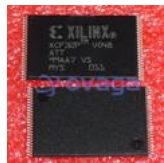
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