

FPGA Spartan®-3E Family 1.6M Gates 33192 Cells 572MHz 90nm (CMOS) Technology
1.2V 400-Pin F-BGA (Alt: XC3S1600E-4FGG400C)

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA400
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S1600E-4FGG400C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

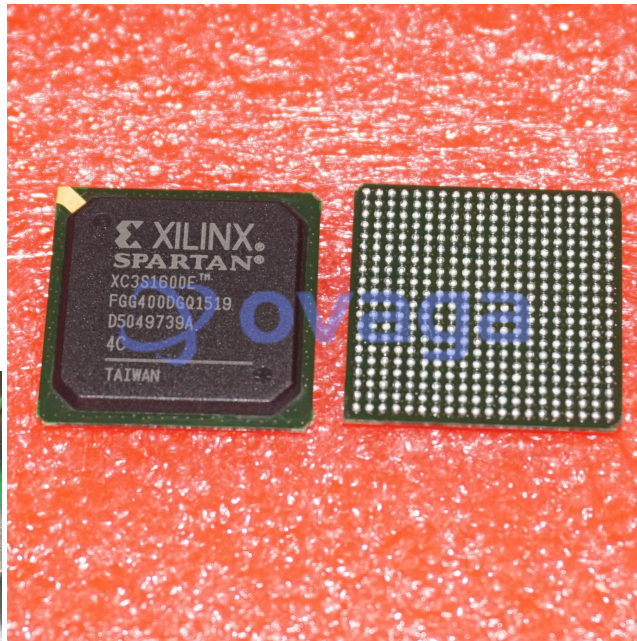
XC3S1600E-4FGG400C is a field-programmable gate array (FPGA) produced by Xilinx, a leading supplier of programmable logic devices. Here are some of its features:

Features

- Number of Logic Cells: 1,597,000
- Number of Digital Signal Processing (DSP) Slices: 576
- Maximum Number of User I/Os: 427
- Maximum User I/O Standard: LVDS, LVPECL, SSTL, HSTL, LVCMOS, and LVTTTL
- Operating Temperature Range: -40°C to +100°C
- Package: 400-pin Fine-pitch Ball Grid Array (FBGA)

Application

- Video processing and display
- Automotive electronics
- Aerospace and defense
- Industrial automation and control
- Wired and wireless communications
- Medical equipment
- Test and measurement equipment



Related Products



[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc
BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc
TSOP48