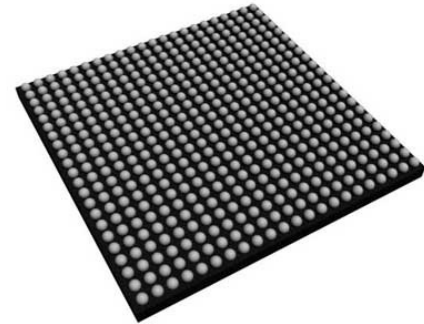


XC3S1600E-4FGG484C

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	484-BBGA
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S1600E-4FGG484C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3S1600E-4FGG484C is a Field-Programmable Gate Array (FPGA) manufactured by Xilinx. Here are some of its features:

### Features

- 1,600,000 system gates
- 43,008 logic cells
- 1,296 Kbits of Block RAM
- 4 Digital Clock Managers (DCMs)
- 20 SelectIO™ technology-compatible channels
- 484-pin Fine-Pitch Ball-Grid Array (FBGA) package
- 4 speed grade (meaning it can operate at a maximum frequency of 400MHz)

### Application

- High-speed communication systems
- Image processing and video applications
- Aerospace and defense systems
- Industrial automation and control systems
- Medical imaging and instrumentation
- Test and measurement equipment

### Related Products



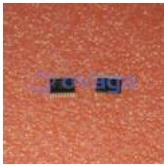
[XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



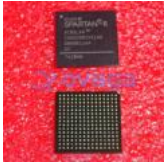
[XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



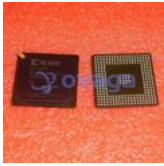
[XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



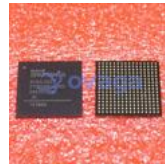
[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



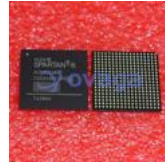
[XCV50-6BG256C](#)

AMD Xilinx, Inc  
BGA256



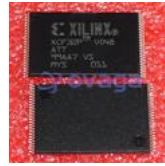
[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc  
BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc  
BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48