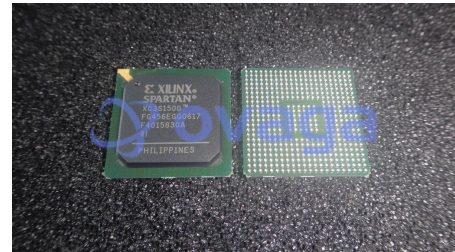


1500000 SYSTEM GATE 1.2 VOLT FPGA

Manufacturers	AMD Xilinx, Inc
Package/Case	456-BBGA
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S1500-4FG456I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S1500-4FG456I is a Field-Programmable Gate Array (FPGA) manufactured by Xilinx Inc. It is a member of the Spartan-3 family and is a high-density, high-performance device with 1.5 million system gates, 1,152 kilobits of block RAM, and 784 I/O pins.

Features

- Operating frequency up to 500 MHz
- 1.5 million system gates
- 1,152 kilobits of block RAM
- 784 user I/O pins
- 16 Digital Clock Managers (DCMs)
- Power consumption as low as 0.75W
- On-chip analog-to-digital converters (ADCs)

Application

- High-speed networking equipment
- Digital signal processing (DSP)
- Video and image processing
- Industrial control systems
- Aerospace and defense systems
- Medical imaging equipment
- Automotive electronics



Related Products



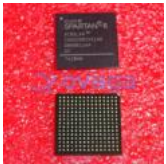
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



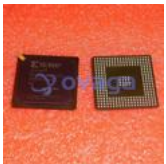
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AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



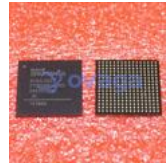
[XCV50-6BG256C](#)

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