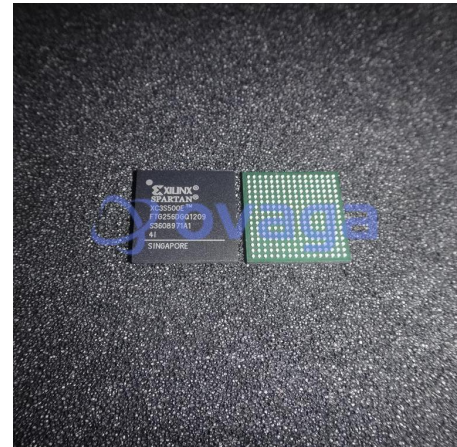


500K Gates 10476 Cells 572MHz 90nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S500E-4FTG256I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

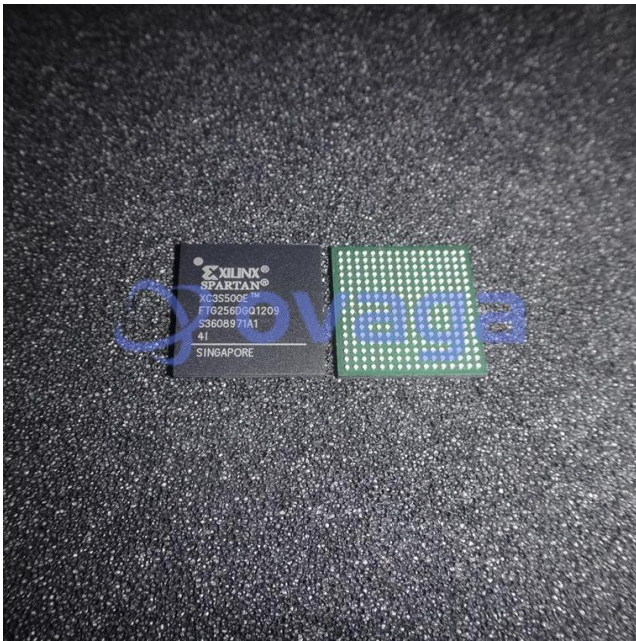
XC3S500E-4FTG256I is a field-programmable gate array (FPGA) device manufactured by Xilinx, a leading semiconductor company in the field of programmable logic devices.

Features

- 500,000 system gates (equivalent to 1.5 million ASIC gates)
- 12.8 Mb of RAM
- 476 user I/O pins
- 4 input global clock network and 4 output global clock network
- 356 user I/Os (input/output pins)
- Maximum operating frequency of 450 MHz
- 256-pin Fine-pitch Ball Grid Array (FBGA) package
- Operating voltage of 1.2V

Application

- Video processing and transmission systems
- Medical imaging equipment
- Aerospace and defense systems
- Industrial automation and control systems
- High-speed data communication equipment



Related Products



[XC18V01S020C](#)

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