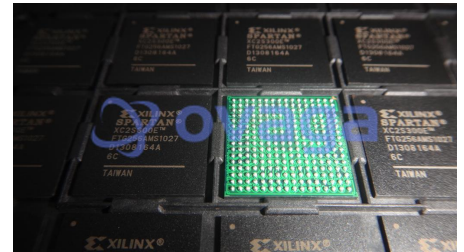


300,000 SYSTEM GATE 1.8V FPGA - NOT RECOMMENDED for NEW DESIGN

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



Images are for reference only

Please submit RFQ for XC2S300E-6FTG256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

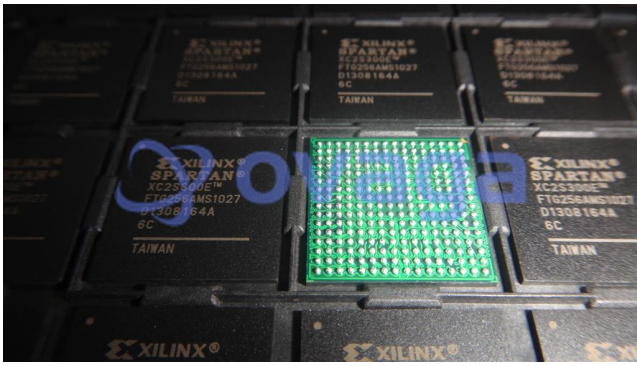
XC2S300E-6FTG256C is a field-programmable gate array (FPGA) manufactured by Xilinx. It belongs to the Spartan-3E FPGA family and has a capacity of 300,000 system gates.

Features

- 300,000 system gates
- 384 macrocells
- 18,432 logic cells
- 1.2V core voltage
- 6-layer metal process technology
- 256-ball Fine-Pitch Ball Grid Array (FBGA) package
- Maximum user I/Os: 182
- Maximum differential I/O pairs: 91

Application

- Communications systems
- Video and image processing
- Industrial control systems
- Medical equipment
- Aerospace and defense systems
- Automotive systems



Related Products



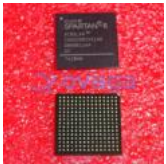
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



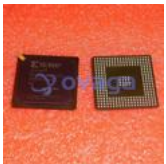
[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



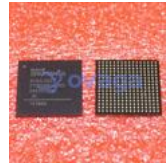
[XCV50-6BG256C](#)

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