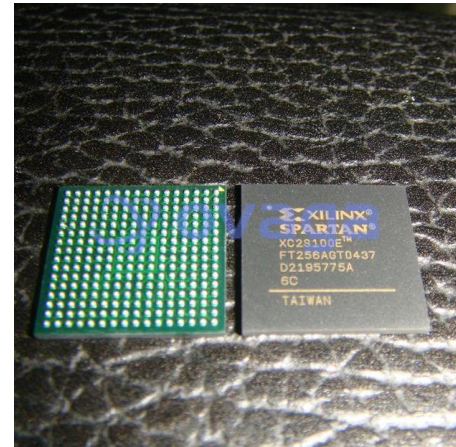


Spartan-II 1.8V FPGA Family

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



Images are for reference only

Please submit RFQ for XC2S100E-6FT256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

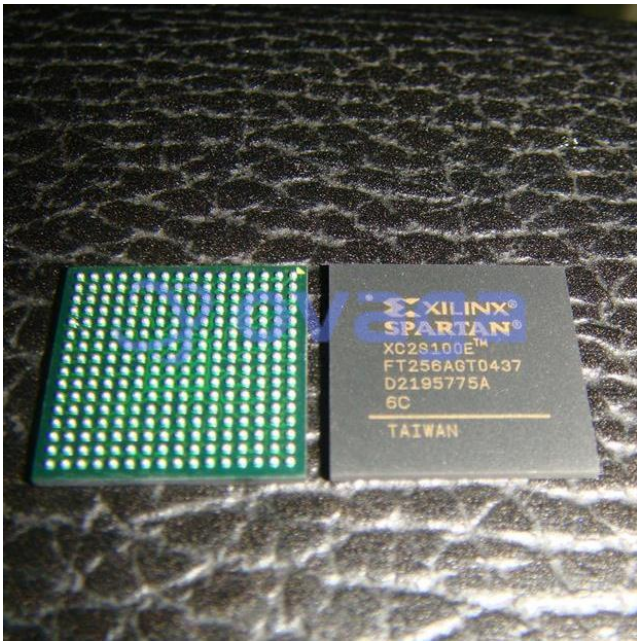
The XC2S100E-6FT256C is a specific part number for a field-programmable gate array (FPGA) from the Xilinx Spartan-II family. FPGAs are integrated circuits that can be programmed and reconfigured to perform various digital logic functions.

Features

- Spartan-II architecture
- 100,000 system gates
- 2,400 logic cells
- 99 user I/O pins
- Internal 3-state buses
- Dedicated carry logic for arithmetic functions
- On-chip program memory for configuration
- Low power consumption
- Wide operating temperature range

Application

- Digital signal processing
- Data communication systems
- Industrial automation
- Test and measurement equipment
- Medical devices
- Consumer electronics
- Robotics
- Embedded systems

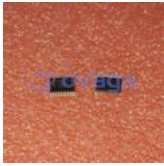


Related Products



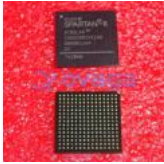
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



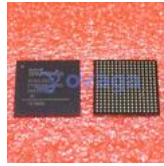
[XCV50-6BG256C](#)

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