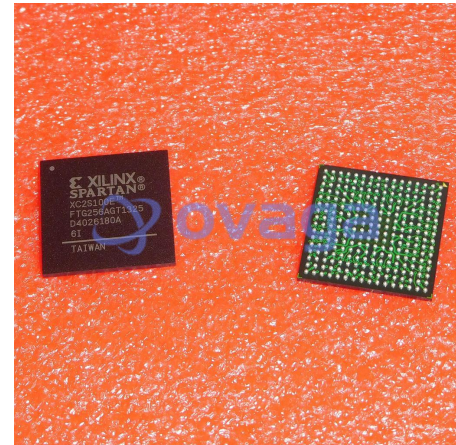


Spartan-III 1.8V FPGA Family

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



Images are for reference only

Please submit RFQ for XC2S100E-6FT256I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S100E-6FT256I is a type of field-programmable gate array (FPGA) manufactured by Xilinx, which is a programmable integrated circuit that can be configured by the user after manufacturing. Here are some of its features:

Features

It has 100,000 system gates, which is a measure of its complexity and the number of logic elements it contains.

It has 3,456 logic cells and 4,608 configurable flip-flops.

It has 144 input/output (I/O) pins.

It operates at a maximum frequency of 200 MHz.

It has a 1.8V core voltage.

Application

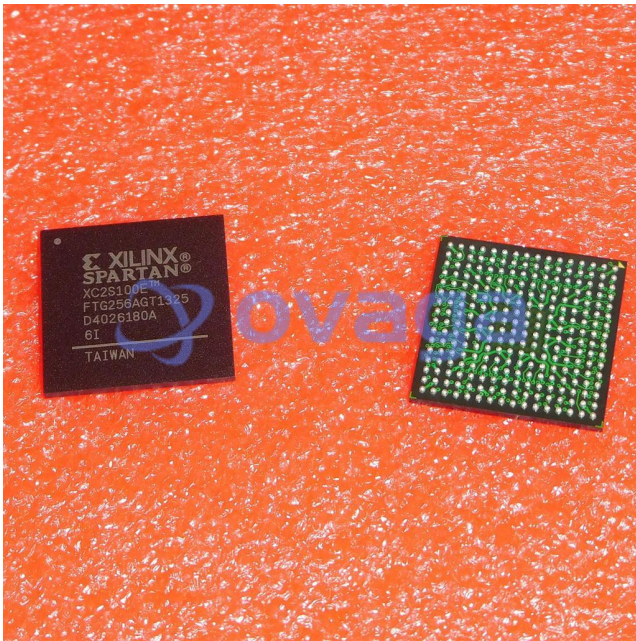
Digital signal processing

Networking and telecommunications

Industrial automation and control

Medical equipment

Military and aerospace 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