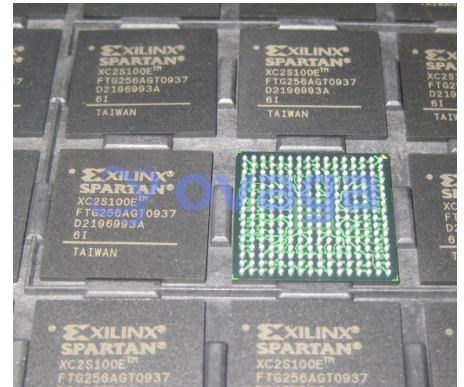


FPGA Spartan®-IIE Family 100K Gates 2700 Cells 357MHz 0.15um Technology 1.8V

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



Images are for reference only

Please submit RFQ for XC2S100E-6FTG256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S100E-6FTG256C is a Field Programmable Gate Array (FPGA) device manufactured by Xilinx, a leading provider of FPGA and programmable logic solutions.

Features

XC2S100E-6FTG256C has a maximum gate count of 100,000 and is based on a 0.18µm CMOS process.

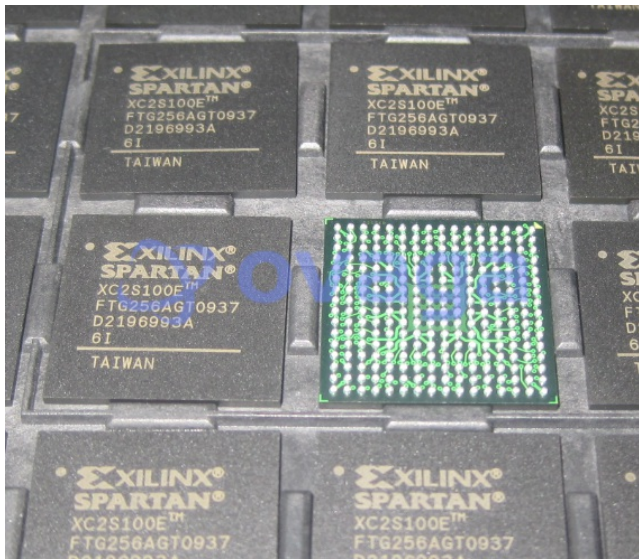
It has 2.5V to 3.3V power supply voltage, and 256-pin Fine-Pitch Ball-Grid Array (FBGA) packaging.

It also features up to 316 user I/Os and up to 92 differential signal pairs.

Application

XC2S100E-6FTG256C can be used in a wide range of applications, including digital signal processing, communication, multimedia, aerospace, defense, automotive, and industrial control.

It is suitable for high-performance and low-power applications, especially those requiring high-speed and parallel data processing.

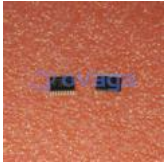


Related Products



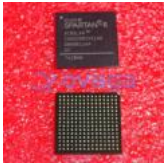
[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



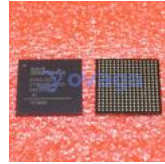
[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



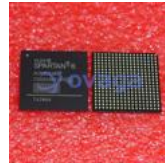
[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc
BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc
TSOP48