

XC2S100-5FGG256I - NOT RECOMMENDED for NEW DESIGN

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



Images are for reference only

Please submit RFQ for XC2S100-5FGG256I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S100-5FGG256I is a part number of a Field-Programmable Gate Array (FPGA) device manufactured by Xilinx Inc. The XC2S100-5FGG256I is a member of the Spartan-II family of FPGAs.

Features

- 100,000 system gates (equivalent to 5,000 logic cells)
- 5 ns pin-to-pin delays
- 256-pin Fine-Pitch Ball-Grid Array (FBGA) package
- 1.8V to 2.5V core voltage
- Built-in Select-Map interface for configuration
- Support for JTAG boundary scan testing
- Two on-chip Digital Clock Managers (DCMs)
- Up to 230 user I/O pins

Application

- Industrial control systems
- Data communication systems
- Medical equipment
- Military and aerospace applications
- Automotive systems
- Audio and video processing

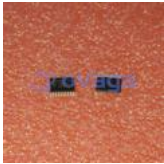


Related Products



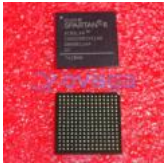
[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



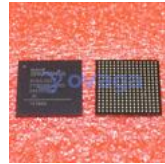
[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



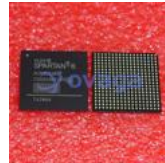
[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc
BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc
TSOP48