

50000 SYSTEM GATE 2.5 VOLT LOGIC CELL AR - 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 XC2S50-5FGG256I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S50-5FGG256I is an integrated circuit (IC) from the Xilinx Spartan-II family, which is a series of Field-Programmable Gate Arrays (FPGAs).

Features

- It has a 50,000 system gate count
- It has 2,844 logic cells
- It has 144 I/O pins
- It operates at a maximum clock frequency of 200 MHz
- It has 256-pin Fine Pitch Ball Grid Array (FPBGA) packaging
- It supports a 5V power supply

Application

- It is commonly used in digital signal processing applications such as filtering, encoding, and decoding.
- It can be used in communication systems, networking, and storage applications.
- It can be used in industrial control and automation systems.
- It can also be used in consumer electronics, automotive, and aerospace applications.

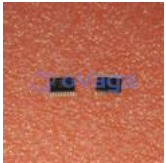


Related Products



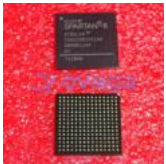
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SOP-20



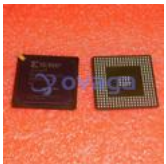
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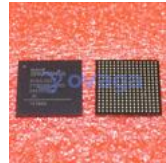
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BGA256



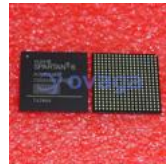
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