

FPGA Spartan-3A Family 50K Gates 1584 Cells 667MHz 90nm Technology 1.2V 256Pin FTBGA

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



Images are for reference only

Please submit RFQ for XC3S50A-4FTG256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

XC3S50A-4FTG256C is a field-programmable gate array (FPGA) manufactured by Xilinx Inc. It belongs to the Spartan-3A family of FPGAs and is designed to be used in a wide range of applications that require high-performance digital signal processing and data manipulation.

Features

- 50,000 system gates
- 2.5 Mb block RAM
- 360 inputs/outputs (IOs)
- 96 DSP slices for high-speed digital signal processing
- Configurable logic blocks (CLBs) for flexible implementation of logic functions
- Three global clock lines and eight dedicated clock lines for high-speed timing control
- Configurable power management for optimal power consumption
- IEEE 1149.1 JTAG interface for boundary-scan testing and programming
- RoHS compliant

Application

- High-performance digital signal processing
- Embedded processing and control
- Video and image processing
- Audio processing
- Communication systems
- Industrial automation and control
- Medical imaging and instrumentation
- Automotive systems



Related Products



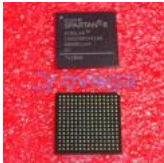
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