Virtex-II 1.5V Field-Programmable Gate Arrays FPGA

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

Images are for reference only

Please submit RFQ for XC2V250-4FG256C or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

XC2V250-4FG256C is a field-programmable gate array (FPGA) from the Xilinx Virtex-II family of FPGAs. It comes in a 256-ball Fine-Pitch Ball Grid Array (FBGA) package and has a -4 speed grade, which indicates its maximum operating frequency.

Features

Logic Cells: 252,960

Block RAM: 4,608 Kbits

Distributed RAM: 128 Kbits

Digital Clock Manager (DCM) blocks: 4

Maximum I/O pins: 156

I/O standards: LVCMOS, LVTTL, HSTL, SSTL, LVDS, and more

Maximum operating frequency: Depends on the design and implementation

Application

Aerospace and Defense: used in avionics, radar systems, and defense communication equipment.

Communications: used in networking, wireless communication, and high-speed data transfer applications.

Industrial Control: used in motor control, process control, and automation systems.

Video and Image Processing: used in video codecs, image processing, and computer vision applications.

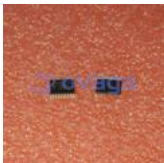Scientific Research: used in scientific instruments, data acquisition, and analysis systems.
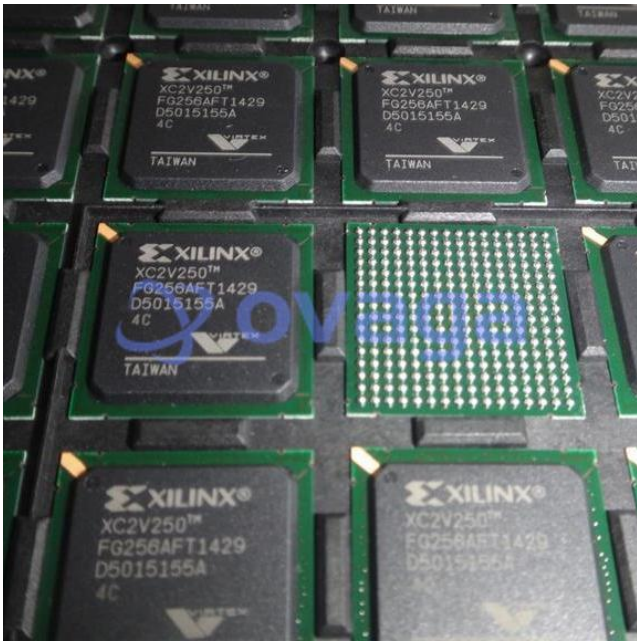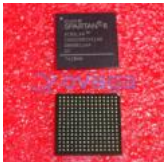
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[XCF08PV0G48C](#)

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[XC6SLX25-3FTG256C](#)

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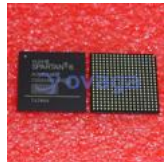
BGA-256

[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc

BGA-225

[XC6SLX16-3CSG324C](#)

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