

FPGA Virtex-4 FX Family 56880 Cells 90nm (CMOS) Technology 1.2V

Manufacturers

[AMD Xilinx, Inc](#)

Package/Case

BGA-672

Product Type

Programmable Logic ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for XC4VFX60-11FFG672C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC4VFX60-11FFG672C is a specific model of Field-Programmable Gate Array (FPGA) developed by Xilinx, a leading manufacturer of programmable logic devices. Here's some information about this FPGA:

Features

FPGA family: Virtex-4 FX

FPGA type: XC4VFX60

Package type: FF (Fine-pitch Ball Grid Array)

Package pins: 672

Speed grade: -11 (indicating the maximum operating speed of the FPGA)

I/O voltage: 3.3V

Logic elements: 60,000

Block RAM: 3,072 Kbits

DSP slices: 216

Maximum clock frequency:
Depends on the specific design and implementation

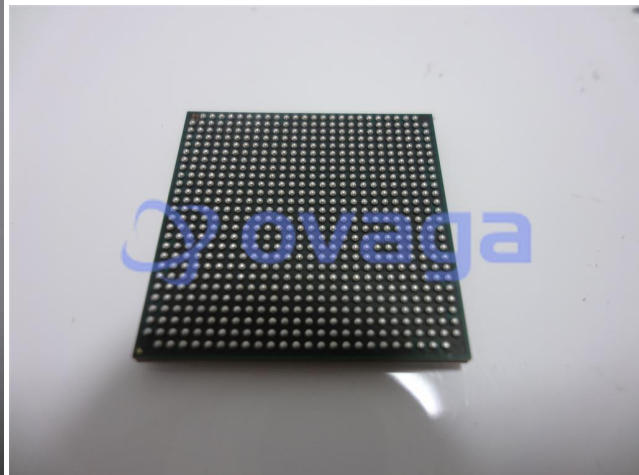
Application

Video and image processing: Due to its high-performance processing capabilities, XC4VFX60-11FFG672C is often used in applications such as video and image processing, including video compression, image recognition, and real-time video processing.

Communications: The FPGA can be used in applications related to networking and telecommunications, such as packet processing, protocol conversion, and encryption/decryption.

Aerospace and defense: The high reliability and performance of XC4VFX60-11FFG672C make it suitable for aerospace and defense applications, such as radar systems, avionics, and satellite communications.

Industrial automation: The FPGA can be used in industrial control and automation applications, including motor control, machine vision, and process control.



Related Products



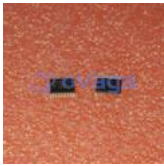
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



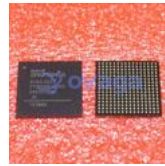
[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



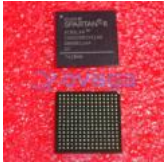
[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



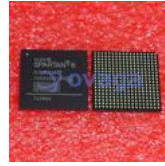
[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



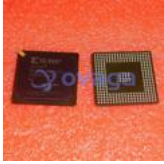
[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc
BGA-324



[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



[XCF32PVO48C](#)

AMD Xilinx, Inc
TSOP48