

FPGA Configuration PROM Memory

Manufacturer: [AMD Xilinx, Inc](#)

Package/Case: BGA

Product Type: Programmable Logic ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Obsolete



Images are for reference only

[Inquiry](#)

General Description

XCF16PFSG48C is a type of field-programmable gate array (FPGA) manufactured by Xilinx, a leading company in the semiconductor industry. The XCF16PFSG48C is a member of the Xilinx CoolRunner™-II CPLD family, which stands for Complex Programmable Logic Device.

Key Features

- 16,640 usable gates
- 48-pin Fine-Pitch Ball Grid Array (FBGA) package
- Internal 3.3V (2.5V-compatible) or 2.5V (1.8V-compatible) power supply options
- JTAG Boundary-Scan Test (BST) compliant
- Advanced 0.18μm CMOS process technology
- Low power consumption and user-programmable output slew rate

Application

- Control logic in industrial automation systems
- Interface bridging and glue logic in communication systems
- System management in servers and storage systems
- Video and imaging processing
- Medical equipment
- Test and measurement equipment

Recommended For You

[XCF128XFT64C](#)

AMD Xilinx, Inc

BGA

[XC18V04VQ44I](#)

AMD Xilinx, Inc

QFP

[XC17128EPD8I](#)

AMD Xilinx, Inc

DIP8

XC1765ELSO8C

AMD Xilinx, Inc

SOP8

XC18V04VQ44C

AMD Xilinx, Inc

QFP44

XC18V01SO20C

AMD Xilinx, Inc

SOP20

XC18V04VQG44C

AMD Xilinx, Inc

QFP

XCF32PVOG48C

AMD Xilinx, Inc

TSOP48

XC18V01PCG20C

AMD Xilinx, Inc

PLCC20

XCF04SVO20C

AMD Xilinx, Inc

TSSOP20

XC2C256-7CPG132I

AMD Xilinx, Inc

BGA132

XCF04SVOG20C

AMD Xilinx, Inc

TSSOP20

XCF08PFS48C

AMD Xilinx, Inc

BGA

XC18V01VQ44C

AMD Xilinx, Inc

TQFP44

XC1765EPD8C

AMD Xilinx, Inc

DIP8