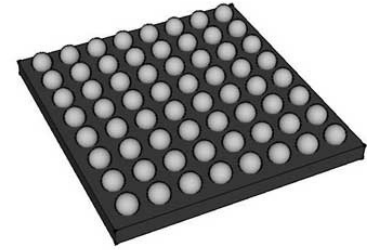


FPGA Configuration Flash Memory



Images are for reference only

[Inquiry](#)

Manufacturer:	AMD Xilinx, Inc
Package/Case:	BGA
Product Type:	Programmable Logic ICs
Lifecycle:	Obsolete

General Description

Xilinx introduces the Platform Flash series of in-system programmable configuration PROMs. Available in 1 to 32 Mb densities, these PROMs provide an easy-to-use, cost-effective, and reprogrammable method for storing large Xilinx FPGA configuration bitstreams. The Platform Flash PROM series includes both the 3.3V XCFxxS PROM and the 1.8V XCFxxP PROM. The XCFxxS version includes 4 Mb, 2 Mb, and 1 Mb PROMs that support Master Serial and Slave Serial FPGA configuration modes (Figure 1, page 2). The XCFxxP version includes 32 Mb, 16 Mb, and 8 Mb PROMs that support Master Serial, Slave Serial, Master SelectMAP, and Slave SelectMAP FPGA configuration modes (Figure 2, page 2).

When driven from a stable, external clock, the PROMs can output data at rates up to 33 MHz. Refer to "AC Electrical Characteristics," page 16 for timing considerations.

A summary of the Platform Flash PROM family members and supported features is shown in Table 1.

Table 1: Platform Flash PROM Features

Device	Density (Mb)	VCCINT (V)	VCCO Range (V)	VCCO Range (V)	Packages	Program In-system via JTAG	Serial Config.	Parallel Config.	Design Revisioning	Compression																																		
XCF01S13	3.1.8 – 3.32.5	– 3.3	VO20/VOG20	Yes	Yes	XCF02S23	3.1.8 – 3.32.5	– 3.3	VO20/VOG20	Yes	Yes	XCF04S43	3.1.8 – 3.32.5	– 3.3	VO20/VOG20	Yes	Yes	XCF08P81	8.1.8 – 3.32.5	– 3.3	VO48/VOG48	FS48/FSG48	Yes	Yes	Yes	Yes	(1)	Yes	XCF16P161	16.1.8 – 3.32.5	– 3.3	VO48/VOG48	FS48/FSG48	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

XC18V01VQ44C

AMD Xilinx, Inc

TQFP44

XC1765EPD8C

AMD Xilinx, Inc

DIP8

XC18V02VQG44C

AMD Xilinx, Inc

QFP44