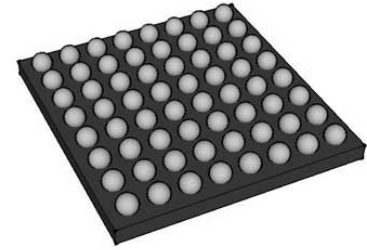


## FPGA Configuration PROM Memory



Images are for reference only

[Inquiry](#)

<b>Manufacturer:</b>	<a href="#">AMD Xilinx, Inc</a>
<b>Package/Case:</b>	BGA
<b>Product Type:</b>	Programmable Logic ICs
<b>Lifecycle:</b>	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																						
XCF01S	1.8	3.3	2.0/2.0	2.0/2.0	Yes	Yes	XCF02S	2.3	3.1.8 – 3.32.5	– 3.3	VO20/VOG20	Yes	Yes	XCF04S	4.3	3.1.8 – 3.32.5	– 3.3	VO20/VOG20	Yes	Yes	XCF16P	16.1	3.1.8 – 3.32.5	– 3.3	VO48/VOG48	FS48/FSG48	Yes	Yes	Yes	Yes	(1)	Yes

## Recommended For You

### XCF128XFT64C

AMD Xilinx, Inc

BGA

### XC18V04VQ41

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