

FPGA ProASIC®3 Family 1M Gates 231MHz 130nm Technology 1.5V 484-Pin FBGA Tray



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: FBGA484

Product Type: Programmable Logic ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

A3P1000-FGG484I is a field-programmable gate array (FPGA) from Microsemi Corporation, which is now a part of Microchip Technology.

Key Features

The A3P1000-FGG484I FPGA has 1,000,000 system gates, which can be used for implementing digital circuits.

It has 40,000 bits of embedded flash memory for configuration storage, allowing for in-system reprogramming.

The FPGA supports a wide range of I/O standards, including LVCMOS, LVTTTL, PCI, and LVDS, making it suitable for a variety of applications.

It has 21 global clock networks and up to 64 user-defined clocks.

Application

The A3P1000-FGG484I FPGA is commonly used in industrial control, medical imaging, communication, and automotive applications.

It can be used for data processing, signal processing, and control logic in various systems.

It can also be used as a co-processor in a larger system for implementing complex algorithms or hardware acceleration.



Recommended For You

A3P250-PQ208

Microchip Technology, Inc
QFP

A3P250-FGG256I

Microchip Technology, Inc
BGA256

A3P1000-1PQG208M

Microchip Technology, Inc
QFP

A3P1000-PQG208

Microchip Technology, Inc
QFP

A3P1000-FGG256I

Microchip Technology, Inc
FBGA256

A3P1000-FG256I

Microchip Technology, Inc
256-LBGA

A3P250-VQG100

Microchip Technology, Inc
QFP

A3P250-VQG100I

Microchip Technology, Inc
VQFP

A3P250-FGG144I

Microchip Technology, Inc
BGA

APA300-BG456M

Microchip Technology, Inc
BGA

A3P1000-FG144

Microchip Technology, Inc
BGA

A3P1000-1FG484I

Microchip Technology, Inc
484-BGA

A3PI000-1FGG144I

Microchip Technology, Inc

BGA

A3PN060-VQG100

Microchip Technology, Inc

QFP100

A3PNI25-VQG100

Microchip Technology, Inc

QFP