

A3P1000-FGG484I

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

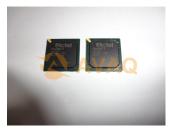
Manufacturer: Microchip Technology, Inc

Package/Case: FBGA484

Product Type: Programmable Logic ICs

RoHS: RoHS Compliant/Lead free

Lifecycle: Active



Images are for reference only

Inquiry

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, LVTTL, 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.





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Microchip Technology, Inc

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APA300-BG456M

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BGA256

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FBGA256

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VQFP

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