

FPGA ProASIC®3 Family 250K Gates 231MHz 130nm Technology 1.5V 100-Pin VQFP Tray



Images are for reference only

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: VQFP

Product Type: Programmable Logic ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

A3P250-VQG100I is an integrated circuit from the A3P family of flash-based, FPGA devices manufactured by Microsemi Corporation (now part of Microchip Technology Inc.).

Key Features

It has 250,000 system gates with Flash Freeze technology for instant-on capability.

It operates at a maximum frequency of 133 MHz.

It has 64 I/O pins with programmable pull-up resistors.

It has 8 input pins dedicated to clock management functions.

It has 16 Kbits of flash memory for non-volatile storage of user designs.

It operates with a supply voltage of 1.2V to 1.5V.

Application

Industrial control systems

Medical equipment

Automotive systems

Consumer electronics

Communication systems



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

A3P1000-FGG484I

Microchip Technology, Inc
FBGA484

A3P250-VQG100

Microchip Technology, Inc
QFP

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

A3P1000-1FGG144I

Microchip Technology, Inc
BGA

A3PN060-VQG100

Microchip Technology, Inc
QFP100

A3PNI25-VQG100

Microchip Technology, Inc
QFP