

## FPGA ProASIC®3 Family 1M Gates 231MHz 130nm Technology 1.5V 256-Pin FBGA Tray



Images are for reference only

**Manufacturer:** [Microchip Technology, Inc](#)

**Package/Case:** BGA

**Product Type:** Programmable Logic ICs

**Lifecycle:** Active

[Inquiry](#)

### General Description

ProASIC3 offers high performance in ultra low density FPGAs, a single-chip solution, small footprint packages, reprogrammability, and an abundance of advanced features.

#### Key Features

- Low TOC (total cost of ownership)
- System performance of 350 MHz
- Proven Security
  - Protection from Overbuilding and Cloning
- Exceptional Reliability

### Key Features

11K logic elements

144Kb RAM

1Kb FlashROM

1 PLL in CCC

Temperature - Commercial, Industrial, Automotive, Military

### 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-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

**A3P1000-1FGG144I**

Microchip Technology, Inc  
BGA

**A3PN060-VQG100**

Microchip Technology, Inc  
QFP100