


**FPGA ProASIC®3 Family 125K Gates 231MHz 130nm Technology  
1.5V 144-Pin FBGA Tray**

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	BGA
<b>Product Type:</b>	Programmable Logic ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[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

1.5K logic elements

36Kb RAM

1Kb FlashROM

1 PLL in CCC

Temperature - Commercial, Industrial, Automotive

## 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