

**FPGA ProASICPLUS Family 150K Gates 180MHz 0.22um  
Technology 2.5V 456-Pin BGA Tray**



Images are for reference only

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

**Package/Case:** BGA

**Product Type:** Programmable Logic ICs

**Lifecycle:** Obsolete

[Inquiry](#)

## General Description

The ProASICPLUS family of devices, combines the advantages of ASICs with the benefits of programmable devices through nonvolatile flash technology.

### Key Features

- Reprogrammable
- Nonvolatile
- Live at power-up
- ASIC design flow
- Very low power
- PLLs and LVPECL I/O

### Key Features

2K logic elements

36Kb RAM

2 PLL in CCC

PCI

Temperature - Commercial, Industrial, Automotive



## Recommended For You

---

### **APA600-BG456I**

Microchip Technology, Inc  
BGA-456

### **APA075-TQG100I**

Microchip Technology, Inc  
QFP100

### **APA150-TQG100I**

Microchip Technology, Inc  
QFP100

### **APA075-PQG208**

Microchip Technology, Inc  
QFP208

### **APA600-PQG208M**

Microchip Technology, Inc  
QFP

### **APA600-CQG208M**

Microchip Technology, Inc  
CQFP

### **APA300-BG456M**

Microchip Technology, Inc  
BGA

### **APA150-FGG256I**

Microchip Technology, Inc  
BGA256

### **APA150-PQG208I**

Microchip Technology, Inc  
QFP

### **APA600-PQG208I**

Microchip Technology, Inc  
QFP208

### **APA150-PQ208I**

Microchip Technology, Inc  
QFP

### **APA450-PQG208I**

Microchip Technology, Inc  
QFP

### **APA300-PQG208I**

Microchip Technology, Inc  
QFP

### **APA300-CQG208B**

Microchip Technology, Inc  
CQFP208

### **APA150-PQG208**

Microchip Technology, Inc  
QFP208