

FPGA 40MX Family 6K Gates 547 Cells 83MHz/139MHz 0.45um  
Technology 3.3V/5V 84-Pin PLCC Box



Images are for reference only

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

**Package/Case:** PLCC84

**Product Type:** Programmable Logic ICs

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

[Inquiry](#)

## General Description

MX FPGAs offer designers a reliable, single-chip ASIC alternative. Providing an efficient, flexible 5.0 V architecture, MX is an ideal platform for integrating your legacy PLDs into a single, low-cost device. MX is a high-volume platform that enables solutions without compromising on cost and time.

### Key Features

- 250 MHz Performance
- High-performance mixed-voltage solution
- PCI compliant
- Contains embedded dual-port SRAM modules

### Key Features

6K system gates

1 Clock

Temperature - Commercial, Industrial, Automotive, Military



## Recommended For You

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### A42MX16-FPLG84

Microchip Technology, Inc  
PLCC

### A40MX04-PL68I

Microchip Technology, Inc  
PLCC68

### A42MX09-PLG84I

Microchip Technology, Inc  
PLCC84

### A40MX02-PL44I

Microchip Technology, Inc  
PLCC44

### A40MX04-PL68

Microchip Technology, Inc  
PLCC

### A40MX04-FPL68

Microchip Technology, Inc  
PLCC68

### A42MX16-PLG84

Microchip Technology, Inc  
PLCC

### APA450-PQG208I

Microchip Technology, Inc  
QFP

### A40MX04-PLG44I

Microchip Technology, Inc  
PLCC44

### A42MX09-PLG84

Microchip Technology, Inc  
PLCC84

### A42MX16-VQG100I

Microchip Technology, Inc  
QFP100

### A40MX02-PQG100M

Microchip Technology, Inc  
PQFP-100

### A42MX16-FPQG100

Microchip Technology, Inc  
QFP100

### A42MX09-PL84I

Microchip Technology, Inc  
PLCC84

### A40MX04-PLG44

Microchip Technology, Inc  
PLCC44