


**FPGA 42MX Family 14K Gates 336 Cells 129MHz/215MHz 0.45um  
Technology 3.3V/5V 84-Pin PLCC Box**

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	PLCC84
<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

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

14K system gates

2 Clocks

Temperature - Commercial, Industrial, Automotive, Military

## Recommended For You

### A42MX16-FPLG84

Microchip Technology, Inc

PLCC

### A40MX04-PL68I

Microchip Technology, Inc

PLCC68

### A42MX09-PLG84I

Microchip Technology, Inc

PLCC84

### A40MX04-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

**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