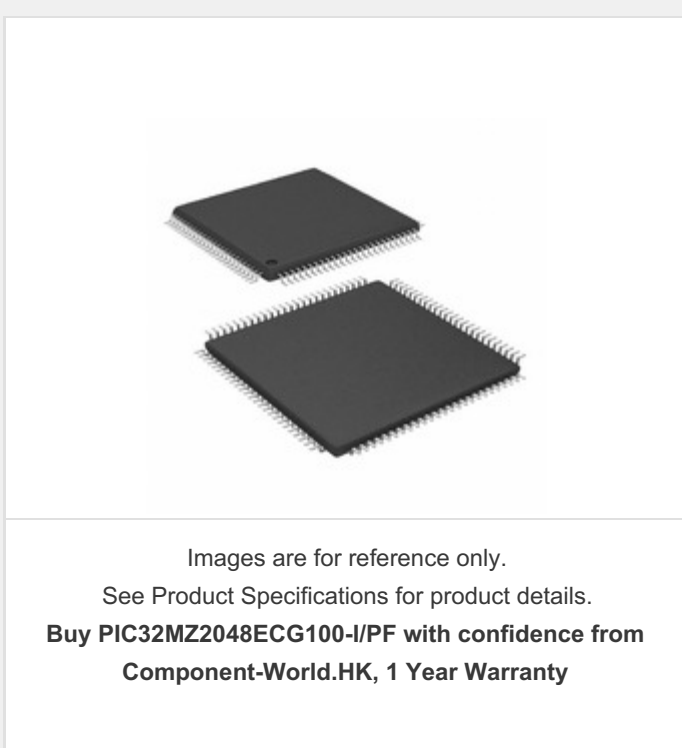


**PIC32MZ2048ECG100-I/PF**



**Part Number:** [PIC32MZ2048ECG100-I/PF](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 32BIT 2MB FLASH 100TQFP  
**Data sheet:** [PIC32MZ EC Errata](#)  
[PIC32MZ EC Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	PIC32MZ2048ECG100-I/PF	Manufacturer	<a href="#">Micrel / Microchip Technology</a>
Description	IC MCU 32BIT 2MB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9950 pcs	Data sheet	<a href="#">PIC32MZ EC Errata</a> <a href="#">PIC32MZ EC Datasheet</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 3.6 V
Supplier Device Package	100-TQFP (14x14)	Speed	200MHz
Series	PIC® 32MZ	RAM Size	512K x 8
Program Memory Type	FLASH	Program Memory Size	2MB (2M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT	Packaging	Tray
Package / Case	100-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	78
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	5 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	MIPS32® microAptiv™ PIC® 32MZ Microcontroller IC 32-Bit 200MHz 2MB (2M x 8) FLASH 100-TQFP (14x14)	Data Converters	A/D 40x10b
Core Size	32-Bit	Core Processor	MIPS32® microAptiv™
Connectivity	EBI/EMI, Ethernet, I <sup>2</sup> C, SPI, SQI, UART/USART, USB OTG	Base Part Number	PIC32MZ2048

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	Part#: <a href="#">PIC32MZ2048ECG144-I/PL</a> Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG100T-I/PF</a> Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2025DAH169-I/6J</a> Description: IC MCU 32BIT 2MB FLASH 169LFBGA	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG100-I/PT</a> Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2025DAG176-I/2J</a> Description: IC MCU 32BIT 2MB FLASH	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG124T-I/TL</a> Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECH064-I/MR</a> Description: IC MCU 32BIT 2MB FLASH 64QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG064-I/MR</a> Description: IC MCU 32BIT 2MB FLASH 64QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG064-I/PT</a> Description: IC MCU 32BIT 2MB FLASH 64TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG124-I/TL</a> Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG100T-I/PT</a> Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG064T-I/PT</a> Description: IC MCU 32BIT 2MB FLASH 64TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG144-I/PH</a> Description: IC MCU 32BIT 2MB FLASH 144TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2025DAH176T-I/2J</a> Description: IC MCU 32BIT 2MB FLASH	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2025DAG176T-I/2J</a> Description: IC MCU 32BIT 2MB FLASH	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG144T-I/PH</a> Description: IC MCU 32BIT 2MB FLASH 144TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2025DAH176-I/2J</a> Description: IC MCU 32BIT 2MB FLASH	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048ECG064T-I/MR</a> Description: IC MCU 32BIT 2MB FLASH 64QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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