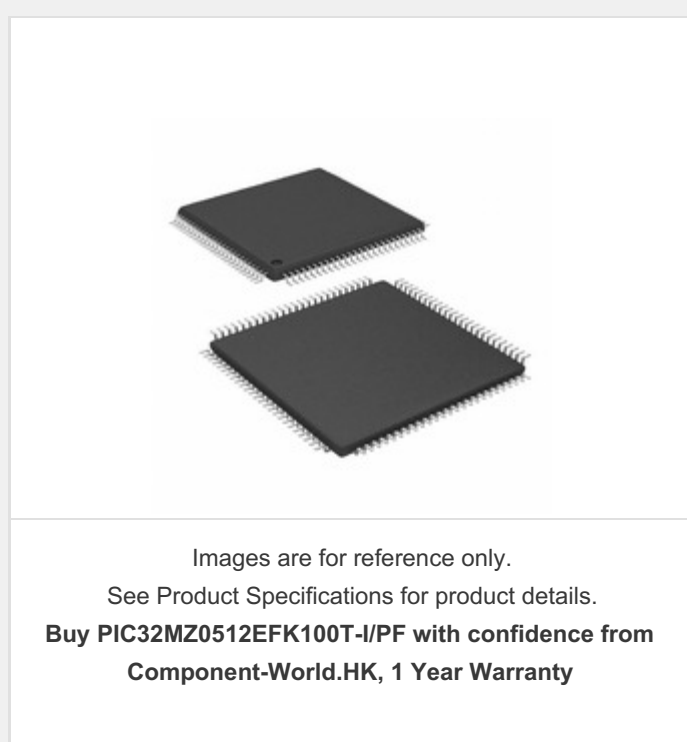


## PIC32MZ0512EFK100T-I/PF



**Part Number:** [PIC32MZ0512EFK100T-I/PF](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 32BIT 512KB FLASH 100TQFP  
**Data sheet:** [PIC32MZ EF Datasheet](#)  
[PIC32MZ EF Errata](#)  
[PIC32 Microcontroller Brochure](#)

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

[Request For Quotation](#)

PRODUCT PARAMETER	
<b>Part Number</b>	PIC32MZ0512EFK100T-I/PF
<b>Description</b>	IC MCU 32BIT 512KB FLASH 100TQFP
<b>Quantity Available</b>	12777 pcs
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Supplier Device Package</b>	100-TQFP (14x14)
<b>Series</b>	PIC® 32MZ
<b>Program Memory Type</b>	FLASH
<b>Peripherals</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
<b>Package / Case</b>	100-TQFP
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	MIPS32® M-Class PIC® 32MZ Microcontroller IC 32-Bit 200MHz 512KB (512K x 8) FLASH 100-TQFP (14x14)
<b>Core Size</b>	32-Bit
<b>Connectivity</b>	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, PMP, SPI, SQI, UART/USART, USB OTG
<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">PIC32MZ EF Datasheet</a> <a href="#">PIC32MZ EF Errata</a> <a href="#">PIC32 Microcontroller</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	<a href="#">Brochure</a> 2.1 V ~ 3.6 V
<b>Speed</b>	200MHz
<b>RAM Size</b>	128K x 8
<b>Program Memory Size</b>	512KB (512K x 8)
<b>Packaging</b>	Tape & Reel (TR)
<b>Oscillator Type</b>	Internal
<b>Number of I/O</b>	78
<b>Manufacturer Standard Lead Time</b>	7 Weeks
<b>EEPROM Size</b>	-
<b>Data Converters</b>	A/D 40x12b
<b>Core Processor</b>	MIPS32® M-Class
<b>Base Part Number</b>	PIC32MZ0512

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	Part#: <a href="#">PIC32MZ0512EFK144-E/JWX</a> Description: FLASH, 128KB RAM Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK064T-I/MR</a> Description: IC MCU 32BIT 512KB FLASH 64QFN Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK124-E/TL</a> Description: IC MCU 32BIT 512KB FLASH 124VTLA Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK100-E/PF</a> Description: IC MCU 32BIT 512KB FLASH 100TQFP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK100-I/PF</a> Description: IC MCU 32BIT 512KB FLASH 100TQFP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK100-I/PT</a> Description: IC MCU 32BIT 512KB FLASH 100TQFP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK124T-I/TL</a> Description: IC MCU 32BIT 512KB FLASH 124VTLA Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK100-E/PT</a> Description: IC MCU 32BIT 512KB FLASH 100TQFP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK144-I/JWX</a> Description: FLASH, 128KB RAM Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK144-E/PH</a> Description: IC MCU 32BIT 512KB FLASH 144TQFP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK144-I/PL</a> Description: IC MCU 32BIT 512KB FLASH 144LQFP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK064-E/MR</a> Description: IC MCU 32BIT 512KB FLASH 64QFN Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK064-E/PT</a> Description: IC MCU 32BIT 512KB FLASH 64TQFP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK124-I/TL</a> Description: IC MCU 32BIT 512KB FLASH 124VTLA Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK064-I/MR</a> Description: IC MCU 32BIT 512KB FLASH 64QFN Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK064-I/PT</a> Description: IC MCU 32BIT 512KB FLASH 64TQFP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ0512EFK144-I/PH</a> Description: IC MCU 32BIT 512KB FLASH 144TQFP Manufacturers: <a href="#">Micrel / Microchip Technology</a> <a href="#">RFQ</a>
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