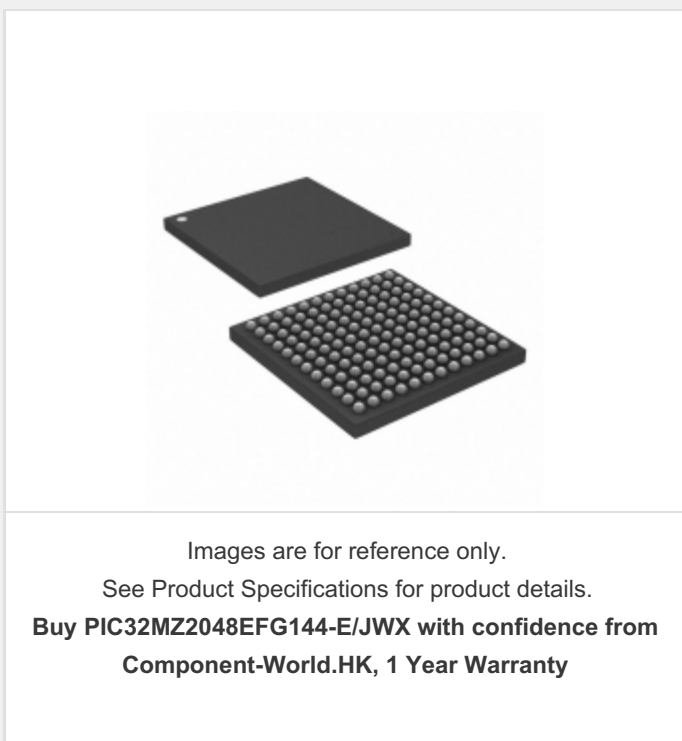


**PIC32MZ2048EFG144-E/JWX**



**Part Number:** [PIC32MZ2048EFG144-E/JWX](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** FLASH, 512KB RAM  
**Data sheet:** [PIC32MZ EF Datasheet](#)

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

Images are for reference only.  
 See Product Specifications for product details.  
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PRODUCT PARAMETER			
Part Number	PIC32MZ2048EFG144-E/JWX	Manufacturer	<a href="#">Micrel / Microchip Technology</a>
Description	FLASH, 512KB RAM	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7761 pcs	Data sheet	<a href="#">PIC32MZ EF Datasheet</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	2.1 V ~ 3.6 V
Supplier Device Package	144-TFBGA (7x7)	Speed	180MHz
Series	Automotive, AEC-Q100, 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	144-TFBGA	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	120
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	MIPS32@ M-Class Automotive, AEC-Q100, PIC@ 32MZ Microcontroller IC 32-Bit 180MHz 2MB (2M x 8) FLASH 144-TFBGA (7x7)	Data Converters	A/D 48x12b
Core Size	32-Bit	Core Processor	MIPS32@ M-Class
Connectivity	EBI/EMI, Ethernet, I <sup>2</sup> C, PMP, SPI, SQI, UART/USART, USB OTG		

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	Part#: <a href="#">PIC32MZ2048EFG144-I/PL</a> Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048EFG144T-I/PL</a> Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">PIC32MZ2048EFG144T-E/JWX</a> Description: 2048KB FLASH, 512KB RAM, NO CRYP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048EFG100T-I/PT</a> Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC32MZ2048EFG124-E/TL</a> Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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