

PIC32MZ2048EFG144-I/PH



Part Number: [PIC32MZ2048EFG144-I/PH](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 2MB FLASH 144TQFP

Data sheet:  [PIC32MZ EF Datasheet](#)
 [PIC32MZ EF Errata](#)
 [PIC32 Microcontroller Brochure](#)

RoHs Status: Lead free / RoHS Compliant

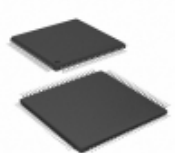
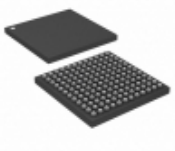
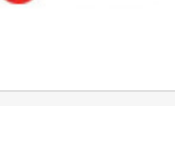
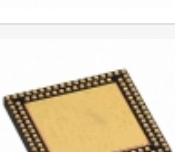
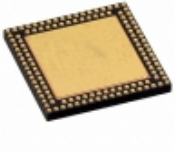
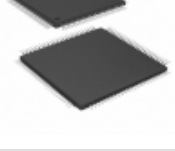
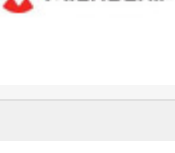
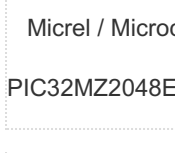
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PRODUCT PARAMETER			
Part Number	PIC32MZ2048EFG144-I/PH	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 2MB FLASH 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8124 pcs	Data sheet	PIC32MZ EF Datasheet PIC32MZ EF Errata PIC32 Microcontroller Brochure
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.1 V ~ 3.6 V
Supplier Device Package	144-TQFP (16x16)	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, I²S, POR, PWM, WDT	Packaging	Tray
Package / Case	144-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°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 PIC® 32MZ Microcontroller IC 32-Bit 200MHz 2MB (2M x 8) FLASH 144-TQFP (16x16)	Data Converters	A/D 48x12b
Core Size	32-Bit	Core Processor	MIPS32® M-Class
Connectivity	EBI/EMI, Ethernet, I²C, PMP, SPI, SQL, UART/USART, USB OTG	Base Part Number	PIC32MZ2048
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 8124 pieces of Micrel / Microchip Technology PIC32MZ2048EFG144-I/PH in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

RELATED PRODUCTS			
	Part#: PIC32MZ2048EFG100-I/PT Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFG144T-I/JWX Description: 2048KB FLASH, 512KB RAM, NO CRYP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFG144T-I/PH Description: IC MCU 32BIT 2MB FLASH 144TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFH064-E/MR Description: IC MCU 32BIT 2MB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFH064-250I/MR Description: IC MCU 32BIT 2MB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC32MZ2048EFG144T-I/PL Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC32MZ2048EFG144-E/JWX Description: FLASH, 512KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFG124T-I/TL Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFG124-E/TL Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFH064-250I/PT Description: IC MCU 32BIT 2MB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFG144-I/PL Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFG124-I/TL Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFG100T-I/PT Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFG144T-E/JWX Description: 2048KB FLASH, 512KB RAM, NO CRYP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFG144-I/JWX Description: FLASH, 512KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFH064-I/MR Description: IC MCU 32BIT 2MB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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