

PIC32MZ2048EFM144-E/PL



Part Number: [PIC32MZ2048EFM144-E/PL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 2MB FLASH 144LQFP

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

RoHs Status: Lead free / RoHS Compliant

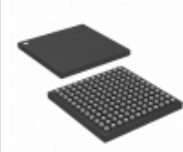
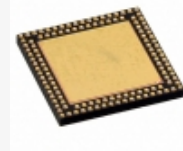
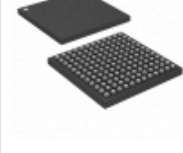
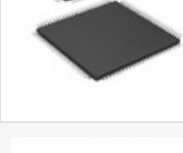
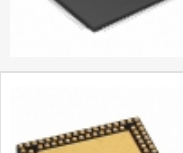
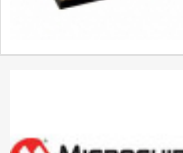
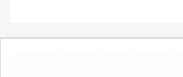
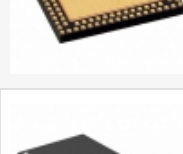
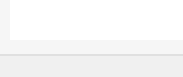
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PRODUCT PARAMETER			
Part Number	PIC32MZ2048EFM144-E/PL	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 2MB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7104 pcs	Data sheet	PIC32MZ EF Datasheet PIC32MZ EF Errata PIC32 Microcontroller Brochure
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Brochure 2.1 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	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 ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	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	5 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-LQFP (20x20)	Data Converters	A/D 48x12b
Core Size	32-Bit	Core Processor	MIPS32® M-Class
Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, PMP, SPI, SQI, UART/USART, USB OTG	Base Part Number	PIC32MZ2048
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RELATED PRODUCTS			
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	Part#: PIC32MZ2048EFM144-E/PH Description: IC MCU 32BIT 2MB FLASH 144TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM144T-I/JWX Description: 2048KB FLASH, 512KB RAM, CRYPTO,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM124-E/TL Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM144-I/JWX Description: FLASH, 512KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2064DAA169-I/HF Description: IC MCU 32BIT 2MB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM100T-I/PF Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC32MZ2048EFM124-I/TL Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM144T-I/PH Description: IC MCU 32BIT 2MB FLASH 144TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM144-E/JWX Description: FLASH, 512KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM144T-I/PL Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2064DAA169T-I/HF Description: IC MCU 32BIT 2MB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM100-I/PT Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM100-I/PF Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM124T-I/TL Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM144T-E/JWX Description: 2048KB FLASH, 512KB RAM, CRYPTO,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048EFM144-I/PH Description: IC MCU 32BIT 2MB FLASH 144TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for PIC32MZ2048EFM144-E/PL

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