

PIC32MZ2048ECG144T-I/PH



Part Number: [PIC32MZ2048ECG144T-I/PH](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 2MB FLASH 144TQFP

Data sheet:  [PIC32MZ EC Errata](#)
 [PIC32MZ EC Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

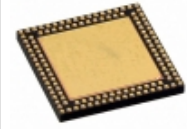
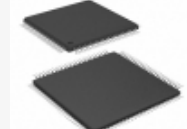
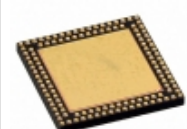
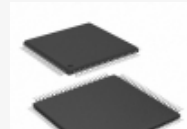
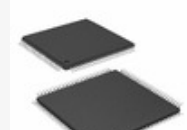
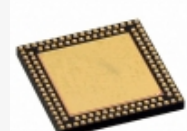
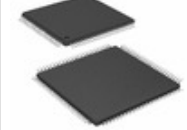
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PRODUCT PARAMETER			
Part Number	PIC32MZ2048ECG144T-I/PH	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 2MB FLASH 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8856 pcs	Data sheet	PIC32MZ EC Errata PIC32MZ EC Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.3 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	Tape & Reel (TR)
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® microAptiv™ PIC® 32MZ Microcontroller IC 32-Bit 200MHz 2MB (2M x 8) FLASH 144-TQFP (16x16)	Data Converters	A/D 48x10b
Core Size	32-Bit	Core Processor	MIPS32® microAptiv™
Connectivity	EBI/EMI, Ethernet, I²C, SPI, SQI, UART/USART, USB OTG	Base Part Number	PIC32MZ2048
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	Part#: PIC32MZ2048ECG124-I/TL Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC32MZ2048ECG144-I/PL Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048ECH100T-I/PF Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048ECG124T-I/TL Description: IC MCU 32BIT 2MB FLASH 124VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC32MZ2048ECG100T-I/PF Description: IC MCU 32BIT 2MB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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