

PIC32MZ1024ECM144-I/PL



Part Number: [PIC32MZ1024ECM144-I/PL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 1MB FLASH 144LQFP

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

RoHs Status: Lead free / RoHS Compliant

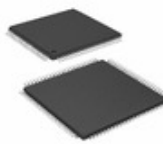
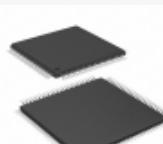
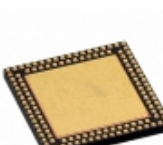
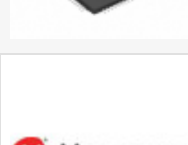
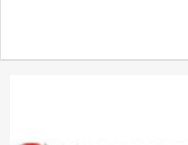
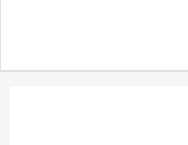
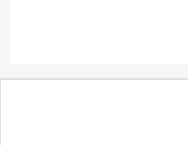
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PRODUCT PARAMETER			
Part Number	PIC32MZ1024ECM144-I/PL	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8170 pcs	Data sheet	PIC32MZ EC Errata PIC32MZ EC Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	200MHz
Series	PIC® 32MZ	RAM Size	512K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	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 1MB (1M x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 48x10b
Core Size	32-Bit	Core Processor	MIPS32® microAptiv™
Connectivity	CANbus, EBI/EMI, Ethernet, I²C, SPI, SQI, UART/USART, USB OTG	Base Part Number	PIC32MZ1024
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