

MICROCHIP

Micrel / Microchip Technology



PIC32MZ0512EFE144-I/PL

Part Number: PIC32MZ0512EFE144-I/PL

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 32BIT 512KB FLASH 144LQFP

Datasheets: [1.PIC32MZ0512EFE144-I/PL.pdf](#)
[2.PIC32MZ0512EFE144-I/PL.pdf](#)
[3.PIC32MZ0512EFE144-I/PL.pdf](#)

RoHS Status:  Lead free / RoHS Compliant

Stock Condition: 9331 pcs stock

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

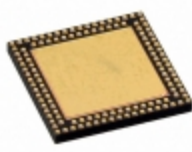
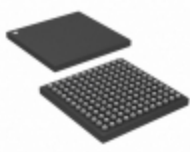
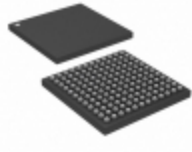
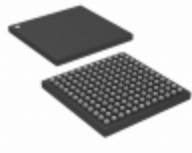
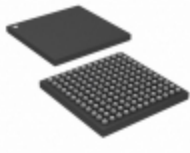
Specifications of PIC32MZ0512EFE144-I/PL

PART NUMBER	PIC32MZ0512EFE144-I/PL
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9331 pcs
DATA SHEET	1.PIC32MZ0512EFE144-I/PL.pdf 2.PIC32MZ0512EFE144-I/PL.pdf 3.PIC32MZ0512EFE144-I/PL.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.1 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	200MHz
SERIES	PIC® 32MZ
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K 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)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	MIPS32® M-Class PIC® 32MZ Microcontroller IC 32-Bit 200MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 48x12b
CORE SIZE	32-Bit
CORE PROCESSOR	MIPS32® M-Class
CONNECTIVITY	EBI/EMI, Ethernet, I²C, PMP, SPI, SQI, UART/USART, USB OTG
BASE PART NUMBER	PIC32MZ0512

Related Tags

Micrel / Microchip Technology PIC32MZ0512EFE144-I/PL	PIC32MZ0512EFE144-I/PL Distributor	PIC32MZ0512EFE144-I/PL Supplier
PIC32MZ0512EFE144-I/PL Price	PIC32MZ0512EFE144-I/PL Pictures	PIC32MZ0512EFE144-I/PL Image
PIC32MZ0512EFE144-I/PL PDF Datasheet	PIC32MZ0512EFE144-I/PL Download Datasheet	PIC32MZ0512EFE144-I/PL Datasheet
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Related Products

 PIC32MZ0512EFE124T-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 124VTLA In stock: 13425 pcs RFQ	 PIC32MZ0512EFE144-I/JWX Manufacturers: Micrel / Microchip Technology Description: FLASH, 128KB RAM In stock: 8720 pcs RFQ
 PIC32MZ0512EFE144-E/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144TQFP In stock: 9373 pcs RFQ	 PIC32MZ0512EFE144-I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144TQFP In stock: 10786 pcs RFQ
 PIC32MZ0512EFE144T-I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144TQFP In stock: 10697 pcs RFQ	 PIC32MZ0512EFE144T-I/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 11964 pcs RFQ
 PIC32MZ0512EFE144T-E/JWX Manufacturers: Micrel / Microchip Technology Description: 512KB FLASH, 128KB RAM, NO CRYPT In stock: 8095 pcs RFQ	 PIC32MZ0512EFF064-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 9440 pcs RFQ
 PIC32MZ0512EFF064-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 9756 pcs RFQ	 PIC32MZ0512EFE144-E/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 10059 pcs RFQ
 PIC32MZ0512EFE144T-I/JWX Manufacturers: Micrel / Microchip Technology Description: 512KB FLASH, 128KB RAM, NO CRYPT In stock: 10865 pcs RFQ	 PIC32MZ0512EFE144-E/JWX Manufacturers: Micrel / Microchip Technology Description: FLASH, 128KB RAM In stock: 8736 pcs RFQ