



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MZ1024EFM144-E/PL

Part Number:	PIC32MZ1024EFM144-E/PL
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 144LQFP
	PDF 1.PIC32MZ1024EFM144-E/PL.pdf
	PDF 2.PIC32MZ1024EFM144-E/PL.pdf
	PDF 3.PIC32MZ1024EFM144-E/PL.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

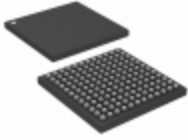
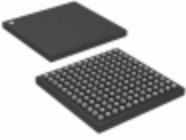
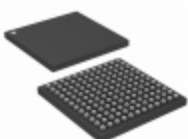
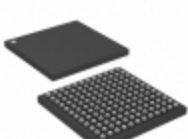
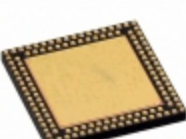
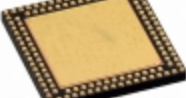
Specifications of PIC32MZ1024EFM144-E/PL

PART NUMBER	PIC32MZ1024EFM144-E/PL
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.PIC32MZ1024EFM144-E/PL.pdf
	PDF 2.PIC32MZ1024EFM144-E/PL.pdf
	PDF 3.PIC32MZ1024EFM144-E/PL.pdf
VOLTAGE - SUPPLY (VCC/VDD)	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	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 ~ 125°C (TA)
NUMBER OF I/O	120
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	7 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 1MB (1M 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, I²C, PMP, SPI, SQI, UART/USART, USB OTG

Related Tags

Micrel / Microchip Technology PIC32MZ1024EFM144-E/PL	PIC32MZ1024EFM144-E/PL Distributor	PIC32MZ1024EFM144-E/PL Supplier
PIC32MZ1024EFM144-E/PL Price	PIC32MZ1024EFM144-E/PL Pictures	PIC32MZ1024EFM144-E/PL Image
PIC32MZ1024EFM144-E/PL PDF Datasheet	PIC32MZ1024EFM144-E/PL Download Datasheet	PIC32MZ1024EFM144-E/PL Datasheet
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Micrel / Microchip Technology PIC32MZ1024EFM144-E/PL	Microchip Technology PIC32MZ1024EFM144-E/PL	Roving Networks / Microchip Technology PIC32MZ1024EFM144-E/PL

Related Products

 PIC32MZ1024EFM144-E/JWX Manufacturers: Micrel / Microchip Technology Description: FLASH, 512KB RAM In stock: 520 pcs RFQ	 PIC32MZ1024EFM144-I/JWX Manufacturers: Micrel / Microchip Technology Description: FLASH, 512KB RAM In stock: 520 pcs RFQ
 PIC32MZ1024EFM144T-I/JWX Manufacturers: Micrel / Microchip Technology Description: 1024KB FLASH, 512KB RAM, CRYPTO, In stock: Out stock RFQ	 PIC32MZ1024EFM144-I/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 58 pcs RFQ
 PIC32MZ1024EFM144T-E/JWX Manufacturers: Micrel / Microchip Technology Description: 1024KB FLASH, 512KB RAM, CRYPTO, In stock: Out stock RFQ	 PIC32MZ1024EFM124T-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 124VTLA In stock: Out stock RFQ
 PIC32MZ1024EFM124-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 124VTLA In stock: 76 pcs RFQ	 PIC32MZ1024EFM144-E/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144TQFP In stock: 90 pcs RFQ
 PIC32MZ1024EFM144-I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144TQFP In stock: 89 pcs RFQ	 PIC32MZ1024EFM124-E/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 124VTLA In stock: 240 pcs RFQ
 PIC32MZ1024EFM144T-I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144TQFP In stock: Out stock RFQ	 PIC32MZ1024EFM100T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TQFP In stock: Out stock RFQ