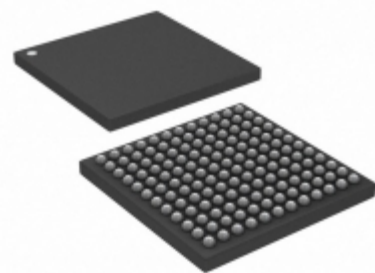


PIC32MZ1024EFF144T-I/JWX





Part Number: [PIC32MZ1024EFF144T-I/JWX](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: 1024KB FLASH, 256KB RAM, NO CRYPT

Data sheet:

RoHs Status:

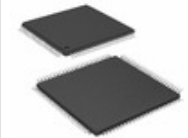
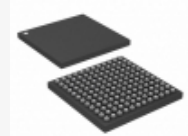
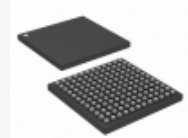
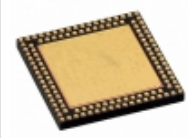
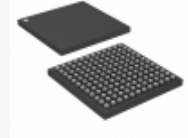
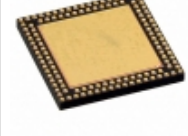
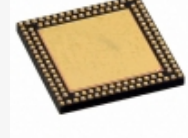
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy PIC32MZ1024EFF144T-I/JWX with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                                  |                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC32MZ1024EFF144T-I/JWX                                                                      | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1024KB FLASH, 256KB RAM, NO CRYPT                                                             | Lead Free Status / RoHS Status   |                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12345 pcs                                                                                     | Data sheet                       |                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                                     | Voltage - Supply (Vcc/Vdd)       | 2.1 V ~ 3.6 V                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 144-TFBGA (7x7)                                                                               | Speed                            | 200MHz                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC® 32MZ                                                                                     | RAM Size                         | 256K x 8                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH                                                                                         | Program Memory Size              | 1MB (1M x 8)                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                               | Packaging                        | Original-Reel®                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 144-TFBGA                                                                                     | Other Names                      | PIC32MZ1024EFF144T-I/JWXDKR                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8 Weeks                                                                                       | EEPROM Size                      | -                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MIPS32® M-Class PIC® 32MZ Microcontroller IC 32-Bit 200MHz 1MB (1M x 8) FLASH 144-TFBGA (7x7) | 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                            |                                  |                                               |
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| RELATED PRODUCTS                                                                   |                                                                                                   |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC32MZ1024EFF144-I/PL</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF144T-I/PL</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF144-E/PH</a><br>Description: IC MCU 32BIT 1MB FLASH 144TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF144-E/PL</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFG100-E/PF</a><br>Description: IC MCU 32BIT 1MB FLASH 100TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFG064-I/PT</a><br>Description: IC MCU 32BIT 1MB FLASH 64TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF144-I/PH</a><br>Description: IC MCU 32BIT 1MB FLASH 144TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF144-E/JWX</a><br>Description: FLASH, 256KB RAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFG064T-I/MR</a><br>Description: IC MCU 32BIT 1MB FLASH 64QFN       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFG064-E/PT</a><br>Description: IC MCU 32BIT 1MB FLASH 64TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF144T-I/PH</a><br>Description: IC MCU 32BIT 1MB FLASH 144TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF144T-E/JWX</a><br>Description: 1024KB FLASH, 256KB RAM, NO CRYPT | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFG100-250I/PT</a><br>Description: IC MCU 32BIT 1MB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFG064-E/MR</a><br>Description: IC MCU 32BIT 1MB FLASH 64QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF124-I/TL</a><br>Description: IC MCU 32BIT 1MB FLASH 124VTLA      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF144-I/JWX</a><br>Description: FLASH, 256KB RAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF124T-I/TL</a><br>Description: IC MCU 32BIT 1MB FLASH 124VTLA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFG064-I/MR</a><br>Description: IC MCU 32BIT 1MB FLASH 64QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFG064T-I/PT</a><br>Description: IC MCU 32BIT 1MB FLASH 64TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFF124-E/TL</a><br>Description: IC MCU 32BIT 1MB FLASH 124VTLA      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                                      |                                             |                                               |                                        |
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