

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MZ2048EFG144T-I/JWX

|                     |                                   |
|---------------------|-----------------------------------|
| Part Number:        | PIC32MZ2048EFG144T-I/JWX          |
| Manufacturer/Brand: | Micrel / Microchip Technology     |
| Product description | 2048KB FLASH, 512KB RAM, NO CRYPT |
| Datasheets:         |                                   |
| Stock Condition     | 7500 pcs stock                    |
| Ship From           | Hong Kong                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS             |

REQUEST FOR QUOTATION

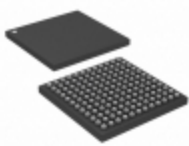
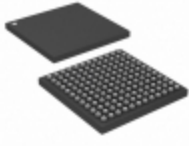
Specifications of PIC32MZ2048EFG144T-I/JWX

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MZ2048EFG144T-I/JWX                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                 |
| DESCRIPTION                      | 2048KB FLASH, 512KB RAM, NO CRYPT                                                             |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                               |
| QUANTITY AVAILABLE               | 7500 pcs                                                                                      |
| DATA SHEET                       |                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.1 V ~ 3.6 V                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 144-TFBGA (7x7)                                                                               |
| 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                        | Original-Reel®                                                                                |
| PACKAGE / CASE                   | 144-TFBGA                                                                                     |
| OTHER NAMES                      | PIC32MZ2048EFG144T-I/JWXDKR                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                             |
| NUMBER OF I/O                    | 120                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                 |
| EEPROM SIZE                      | -                                                                                             |
| DETAILED DESCRIPTION             | MIPS32® M-Class PIC® 32MZ Microcontroller IC 32-Bit 200MHz 2MB (2M x 8) FLASH 144-TFBGA (7x7) |
| 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                                    |

Related Tags

|                                                        |                                               |                                                                 |
|--------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MZ2048EFG144T-I/JWX | PIC32MZ2048EFG144T-I/JWX Distributor          | PIC32MZ2048EFG144T-I/JWX Supplier                               |
| PIC32MZ2048EFG144T-I/JWX Price                         | PIC32MZ2048EFG144T-I/JWX Pictures             | PIC32MZ2048EFG144T-I/JWX Image                                  |
| PIC32MZ2048EFG144T-I/JWX PDF Datasheet                 | PIC32MZ2048EFG144T-I/JWX Download Datasheet   | PIC32MZ2048EFG144T-I/JWX Datasheet                              |
| PIC32MZ2048EFG144T-I/JWX Stock                         | Buy PIC32MZ2048EFG144T-I/JWX                  | Buy Micrel / Microchip Technology PIC32MZ2048EFG144T-I/JWX      |
| Micrel / Microchip Technology PIC32MZ2048EFG144T-I/JWX | Micrel / Microchip Technology Supplier        | Micrel / Microchip Technology Distributor                       |
| Micrel / Microchip Technology PIC32MZ2048EFG144T-I/JWX | Microchip Technology PIC32MZ2048EFG144T-I/JWX | Roving Networks / Microchip Technology PIC32MZ2048EFG144T-I/JWX |

Related Products

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|  <div><b>PIC32MZ2048EFG144-I/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH, 512KB RAM<br/>In stock: 7619 pcs<br/><b>RFQ</b></div>                   |  <div><b>PIC32MZ2048EFH064-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64TQFP<br/>In stock: 8761 pcs<br/><b>RFQ</b></div>    |
|  <div><b>PIC32MZ2048EFG144T-I/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144TQFP<br/>In stock: 9585 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC32MZ2048EFG144-I/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 7739 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC32MZ2048EFH064-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64QFN<br/>In stock: 6688 pcs<br/><b>RFQ</b></div>        |  <div><b>PIC32MZ2048EFG144-I/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144TQFP<br/>In stock: 7301 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC32MZ2048EFG144T-E/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 2048KB FLASH, 512KB RAM, NO CRYPT<br/>In stock: 6032 pcs<br/><b>RFQ</b></div> |  <div><b>PIC32MZ2048EFG144T-I/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 8528 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC32MZ2048EFH064-250I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64QFN<br/>In stock: 7776 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC32MZ2048EFG144-E/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 6487 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC32MZ2048EFG144-E/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144TQFP<br/>In stock: 5768 pcs<br/><b>RFQ</b></div>      |  <div><b>PIC32MZ2048EFH064-250I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64TQFP<br/>In stock: 9265 pcs<br/><b>RFQ</b></div> |