



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MZ2048EFM064-I/MR

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MZ2048EFM064-I/MR                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 32BIT 2MB FLASH 64QFN                                                                                   |
|                     |  1.PIC32MZ2048EFM064-I/MR.pdf |
|                     |  2.PIC32MZ2048EFM064-I/MR.pdf |
|                     |  3.PIC32MZ2048EFM064-I/MR.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 7729 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

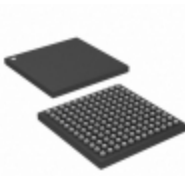
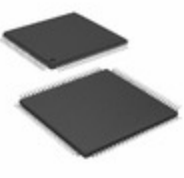
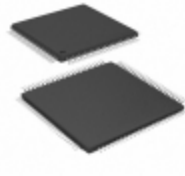
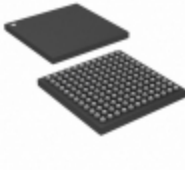
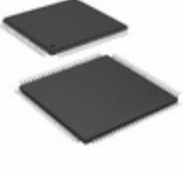
Specifications of PIC32MZ2048EFM064-I/MR

|                                  |                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MZ2048EFM064-I/MR                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 64QFN                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 7729 pcs                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.PIC32MZ2048EFM064-I/MR.pdf<br> 2.PIC32MZ2048EFM064-I/MR.pdf<br> 3.PIC32MZ2048EFM064-I/MR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.1 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                                                                                                                                             |
| 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                        | Tube                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 46                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | MIPS32® M-Class PIC® 32MZ Microcontroller IC 32-Bit 200MHz 2MB (2M x 8) FLASH 64-QFN (9x9)                                                                                                                                                                                                                                                               |
| DATA CONVERTERS                  | A/D 24x12b                                                                                                                                                                                                                                                                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | MIPS32® M-Class                                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, PMP, SPI, SQI, UART/USART, USB OTG                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | PIC32MZ2048                                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MZ2048EFM064-I/MR | PIC32MZ2048EFM064-I/MR Distributor          | PIC32MZ2048EFM064-I/MR Supplier                               |
| PIC32MZ2048EFM064-I/MR Price                         | PIC32MZ2048EFM064-I/MR Pictures             | PIC32MZ2048EFM064-I/MR Image                                  |
| PIC32MZ2048EFM064-I/MR PDF Datasheet                 | PIC32MZ2048EFM064-I/MR Download Datasheet   | PIC32MZ2048EFM064-I/MR Datasheet                              |
| PIC32MZ2048EFM064-I/MR Stock                         | Buy PIC32MZ2048EFM064-I/MR                  | Buy Micrel / Microchip Technology PIC32MZ2048EFM064-I/MR      |
| Micrel / Microchip Technology PIC32MZ2048EFM064-I/MR | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MZ2048EFM064-I/MR | Microchip Technology PIC32MZ2048EFM064-I/MR | Roving Networks / Microchip Technology PIC32MZ2048EFM064-I/MR |

Related Products

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|  <div><b>PIC32MZ2048EFH144T-I/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32 BIT MCU, FPU, 2MB FLASH, 512K<br/>In stock: 6968 pcs<br/>RFQ</div> |  <div><b>PIC32MZ2048EFM100-E/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 6274 pcs<br/>RFQ</div>  |
|  <div><b>PIC32MZ2048EFH144T-I/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144TQFP<br/>In stock: 9955 pcs<br/>RFQ</div>    |  <div><b>PIC32MZ2048EFM064-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64TQFP<br/>In stock: 8393 pcs<br/>RFQ</div>   |
|  <div><b>PIC32MZ2048EFM100-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 8305 pcs<br/>RFQ</div>     |  <div><b>PIC32MZ2048EFM064T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64QFN<br/>In stock: 10880 pcs<br/>RFQ</div>  |
|  <div><b>PIC32MZ2048EFM064-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64QFN<br/>In stock: 7577 pcs<br/>RFQ</div>       |  <div><b>PIC32MZ2048EFM064T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64TQFP<br/>In stock: 9881 pcs<br/>RFQ</div>  |
|  <div><b>PIC32MZ2048EFH144T-E/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32 BIT MCU, FPU, 2MB FLASH, 512K<br/>In stock: 8186 pcs<br/>RFQ</div> |  <div><b>PIC32MZ2048EFH144T-I/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 9159 pcs<br/>RFQ</div> |
|  <div><b>PIC32MZ2048EFM064-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64TQFP<br/>In stock: 6956 pcs<br/>RFQ</div>      |  <div><b>PIC32MZ2048EFM100-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 8222 pcs<br/>RFQ</div>  |