

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MZ2048EFH064-I/MR

Part Number: PIC32MZ2048EFH064-I/MR

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 32BIT 2MB FLASH 64QFN

 1.PIC32MZ2048EFH064-I/MR.pdf

 2.PIC32MZ2048EFH064-I/MR.pdf

 3.PIC32MZ2048EFH064-I/MR.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 9152 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

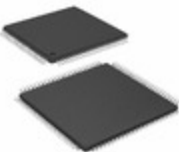
Specifications of PIC32MZ2048EFH064-I/MR

|                                  |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MZ2048EFH064-I/MR                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 64QFN                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 9152 pcs                                                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div> 1.PIC32MZ2048EFH064-I/MR.pdf<div> 2.PIC32MZ2048EFH064-I/MR.pdf<div> 3.PIC32MZ2048EFH064-I/MR.pdf</div></div></div> |
| 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) | 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 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 PIC32MZ2048EFH064-I/MR | PIC32MZ2048EFH064-I/MR Distributor          | PIC32MZ2048EFH064-I/MR Supplier                               |
| PIC32MZ2048EFH064-I/MR Price                         | PIC32MZ2048EFH064-I/MR Pictures             | PIC32MZ2048EFH064-I/MR Image                                  |
| PIC32MZ2048EFH064-I/MR PDF Datasheet                 | PIC32MZ2048EFH064-I/MR Download Datasheet   | PIC32MZ2048EFH064-I/MR Datasheet                              |
| PIC32MZ2048EFH064-I/MR Stock                         | Buy PIC32MZ2048EFH064-I/MR                  | Buy Micrel / Microchip Technology PIC32MZ2048EFH064-I/MR      |
| Micrel / Microchip Technology PIC32MZ2048EFH064-I/MR | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MZ2048EFH064-I/MR | Microchip Technology PIC32MZ2048EFH064-I/MR | Roving Networks / Microchip Technology PIC32MZ2048EFH064-I/MR |

Related Products

|                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                           |
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| <div>MICROCHIP</div> <div>PIC32MZ2048EFG144T-I/PH</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 144TQFP</div> <div>In stock: 9585 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>PIC32MZ2048EFH064T-250I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 64TQFP</div> <div>In stock: 10934 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>PIC32MZ2048EFH064T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 64TQFP</div> <div>In stock: 9188 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div>PIC32MZ2048EFH064-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 64TQFP</div> <div>In stock: 8761 pcs</div> <div>RFQ</div>      |
| <div>MICROCHIP</div> <div>PIC32MZ2048EFH064-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 64TQFP</div> <div>In stock: 9553 pcs</div> <div>RFQ</div>    | <div></div> <div>PIC32MZ2048EFH100-250I/PF</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 100TQFP</div> <div>In stock: 8210 pcs</div> <div>RFQ</div>           |
| <div>MICROCHIP</div> <div>PIC32MZ2048EFH064T-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 64QFN</div> <div>In stock: 10755 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div>PIC32MZ2048EFH064-E/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 64QFN</div> <div>In stock: 6688 pcs</div> <div>RFQ</div>       |
| <div>MICROCHIP</div> <div>PIC32MZ2048EFH064-250I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 64TQFP</div> <div>In stock: 9265 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>PIC32MZ2048EFH064-250I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 64QFN</div> <div>In stock: 7776 pcs</div> <div>RFQ</div>    |
| <div>MICROCHIP</div> <div>PIC32MZ2048EFG144T-I/PL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 144LQFP</div> <div>In stock: 8528 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>PIC32MZ2048EFH064T-250I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 2MB FLASH 64QFN</div> <div>In stock: 9391 pcs</div> <div>RFQ</div>   |

