

MICROCHIP

Micrel / Microchip Technology



PIC32MZ2048EFG064-E/PT

Part Number: PIC32MZ2048EFG064-E/PT

Manufacturer/Brand: Micrel / Microchip Technology

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

1.PIC32MZ2048EFG064-E/PT.pdf

2.PIC32MZ2048EFG064-E/PT.pdf

3.PIC32MZ2048EFG064-E/PT.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 7124 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

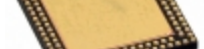
Specifications of PIC32MZ2048EFG064-E/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MZ2048EFG064-E/PT                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 64TQFP                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 7124 pcs                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.PIC32MZ2048EFG064-E/PT.pdf<br> 2.PIC32MZ2048EFG064-E/PT.pdf<br> 3.PIC32MZ2048EFG064-E/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.1 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                          |
| SPEED                            | 180MHz                                                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | Automotive, AEC-Q100, 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                        | Tray                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                                                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                                                                                                                                                            |
| 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 Automotive, AEC-Q100, PIC® 32MZ Microcontroller IC 32-Bit 180MHz 2MB (2M x 8) FLASH 64-TQFP (10x10)                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 24x12b                                                                                                                                                                                                                                                                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | MIPS32® M-Class                                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | Ethernet, I²C, PMP, SPI, SQI, UART/USART, USB OTG                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | PIC32MZ2048                                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MZ2048EFG064-E/PT | PIC32MZ2048EFG064-E/PT Distributor          | PIC32MZ2048EFG064-E/PT Supplier                               |
| PIC32MZ2048EFG064-E/PT Price                         | PIC32MZ2048EFG064-E/PT Pictures             | PIC32MZ2048EFG064-E/PT Image                                  |
| PIC32MZ2048EFG064-E/PT PDF Datasheet                 | PIC32MZ2048EFG064-E/PT Download Datasheet   | PIC32MZ2048EFG064-E/PT Datasheet                              |
| PIC32MZ2048EFG064-E/PT Stock                         | Buy PIC32MZ2048EFG064-E/PT                  | Buy Micrel / Microchip Technology PIC32MZ2048EFG064-E/PT      |
| Micrel / Microchip Technology PIC32MZ2048EFG064-E/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MZ2048EFG064-E/PT | Microchip Technology PIC32MZ2048EFG064-E/PT | Roving Networks / Microchip Technology PIC32MZ2048EFG064-E/PT |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  MICROCHIP<br><b>PIC32MZ2048EFG064-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64TQFP<br>In stock: 9107 pcs<br>RFQ   |  MICROCHIP<br><b>PIC32MZ2048ECM144-I/PL</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br>In stock: 7857 pcs<br>RFQ  |
|  MICROCHIP<br><b>PIC32MZ2048EFG064-I/MR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64QFN<br>In stock: 8252 pcs<br>RFQ    |  MICROCHIP<br><b>PIC32MZ2048ECM144-I/PH</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 144TQFP<br>In stock: 6975 pcs<br>RFQ  |
|  MICROCHIP<br><b>PIC32MZ2048EFG100-E/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br>In stock: 7367 pcs<br>RFQ  |  MICROCHIP<br><b>PIC32MZ2048EFG064T-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64TQFP<br>In stock: 10774 pcs<br>RFQ |
|  MICROCHIP<br><b>PIC32MZ2048EFG064-E/MR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64QFN<br>In stock: 6951 pcs<br>RFQ    |  MICROCHIP<br><b>PIC32MZ2048EFG064T-I/MR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64QFN<br>In stock: 10606 pcs<br>RFQ  |
|  MICROCHIP<br><b>PIC32MZ2048ECM144T-I/PH</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 144TQFP<br>In stock: 9487 pcs<br>RFQ |  MICROCHIP<br><b>PIC32MZ2048ECM144T-I/PL</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br>In stock: 7419 pcs<br>RFQ |
|  MICROCHIP<br><b>PIC32MZ2048ECM124T-I/TL</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 124VTLA<br>In stock: 7662 pcs<br>RFQ |  MICROCHIP<br><b>PIC32MZ2048EFG100-E/PF</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br>In stock: 6706 pcs<br>RFQ  |