

MICROCHIP

Micrel / Microchip Technology

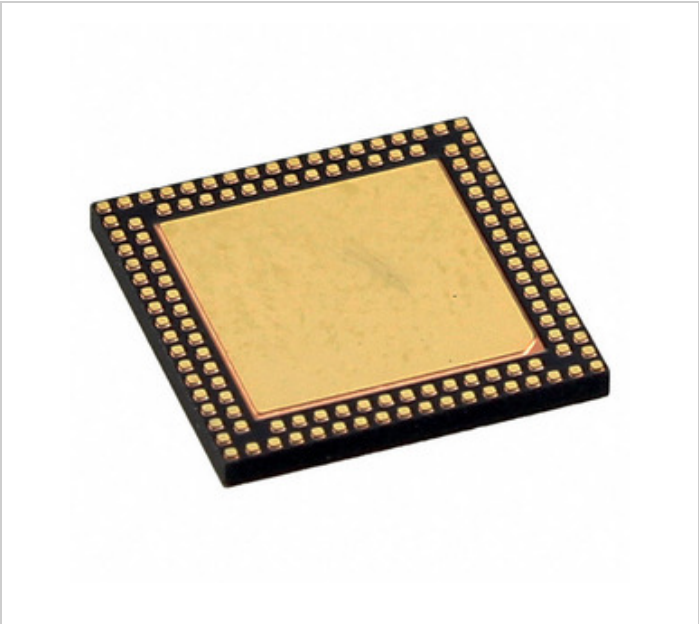


Image may be representation. See specifications for product details.

PIC32MZ2048EFH124T-I/TL

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MZ2048EFH124T-I/TL                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MCU 32BIT 2MB FLASH 124VTLA                                                                                  |
|                     |  1.PIC32MZ2048EFH124T-I/TL.pdf |
|                     |  2.PIC32MZ2048EFH124T-I/TL.pdf |
|                     |  3.PIC32MZ2048EFH124T-I/TL.pdf |
| Datasheets:         |                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 8570 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

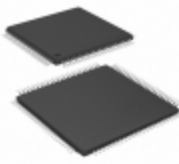
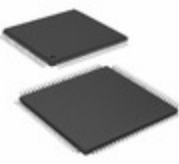
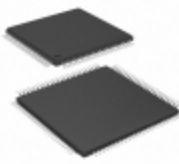
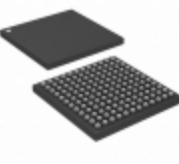
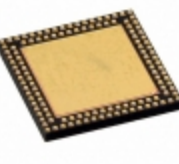
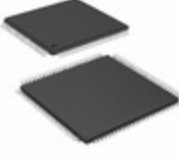
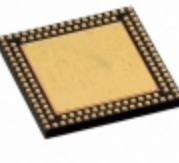
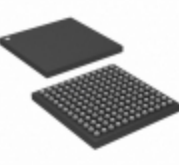
Specifications of PIC32MZ2048EFH124T-I/TL

|                                |                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | PIC32MZ2048EFH124T-I/TL                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                   | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                    | IC MCU 32BIT 2MB FLASH 124VTLA                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE             | 8570 pcs                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                     |  1.PIC32MZ2048EFH124T-I/TL.pdf<br> 2.PIC32MZ2048EFH124T-I/TL.pdf<br> 3.PIC32MZ2048EFH124T-I/TL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)     | 2.1 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE        | 124-VTLA (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                      | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                 | 124-VFTLA Dual Rows, Exposed Pad                                                                                                                                                                                                                                                                                                                            |
| OSCILLATOR TYPE                | Internal                                                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE          | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                  | 97                                                                                                                                                                                                                                                                                                                                                          |
| MOISTURE SENSIVITY 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 124-VTLA (9x9)                                                                                                                                                                                                                                                                |
| 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                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER               | PIC32MZ2048                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MZ2048EFH124T-I/TL | PIC32MZ2048EFH124T-I/TL Distributor          | PIC32MZ2048EFH124T-I/TL Supplier                               |
| PIC32MZ2048EFH124T-I/TL Price                         | PIC32MZ2048EFH124T-I/TL Pictures             | PIC32MZ2048EFH124T-I/TL Image                                  |
| PIC32MZ2048EFH124T-I/TL PDF Datasheet                 | PIC32MZ2048EFH124T-I/TL Download Datasheet   | PIC32MZ2048EFH124T-I/TL Datasheet                              |
| PIC32MZ2048EFH124T-I/TL Stock                         | Buy PIC32MZ2048EFH124T-I/TL                  | Buy Micrel / Microchip Technology PIC32MZ2048EFH124T-I/TL      |
| Micrel / Microchip Technology PIC32MZ2048EFH124T-I/TL | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology PIC32MZ2048EFH124T-I/TL | Microchip Technology PIC32MZ2048EFH124T-I/TL | Roving Networks / Microchip Technology PIC32MZ2048EFH124T-I/TL |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC32MZ2048EFH100T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 9487 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC32MZ2048EFH100T-250I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 9275 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC32MZ2048EFH144-250I/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 7782 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC32MZ2048EFH144-E/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144TQFP<br/>In stock: 5739 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC32MZ2048EFH100T-250I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 9335 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MZ2048EFH144-E/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 7403 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC32MZ2048EFH144-E/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH, 512KB RAM<br/>In stock: 6966 pcs<br/><div>RFQ</div></div>                  |  <div><b>PIC32MZ2048EFH124-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 124VTLA<br/>In stock: 7782 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC32MZ2048EFH100T-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 10159 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC32MZ2048EFH124-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 124VTLA<br/>In stock: 6910 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC32MZ2048EFH144-250I/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 144TQFP<br/>In stock: 6275 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC32MZ2048EFH144-250I/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH, 512KB RAM<br/>In stock: 7602 pcs<br/><div>RFQ</div></div>               |