



Micrel / Microchip Technology



PIC32MZ1024ECG064-I/MR

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MZ1024ECG064-I/MR                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 32BIT 1MB FLASH 64QFN                                                                                   |
|                     |  1.PIC32MZ1024ECG064-I/MR.pdf |
|                     |  2.PIC32MZ1024ECG064-I/MR.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 8944 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

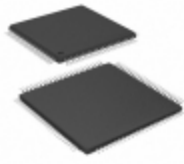
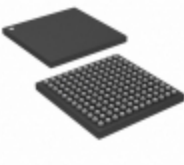
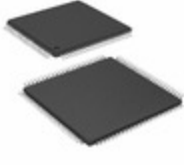
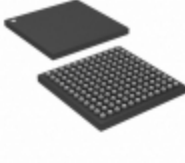
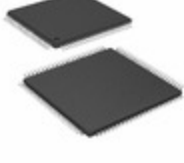
Specifications of PIC32MZ1024ECG064-I/MR

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MZ1024ECG064-I/MR                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 64QFN                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 8944 pcs                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.PIC32MZ1024ECG064-I/MR.pdf<br> 2.PIC32MZ1024ECG064-I/MR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 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              | 1MB (1M 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                    | 53                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | MIPS32® microActiv™ PIC® 32MZ Microcontroller IC 32-Bit 200MHz 1MB (1M x 8) FLASH 64-QFN (9x9)                                                                                                                                       |
| DATA CONVERTERS                  | A/D 24x10b                                                                                                                                                                                                                           |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | MIPS32® microActiv™                                                                                                                                                                                                                  |
| CONNECTIVITY                     | Ethernet, I²C, SPI, SQI, UART/USART, USB OTG                                                                                                                                                                                         |
| BASE PART NUMBER                 | PIC32MZ1024                                                                                                                                                                                                                          |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MZ1024ECG064-I/MR | PIC32MZ1024ECG064-I/MR Distributor          | PIC32MZ1024ECG064-I/MR Supplier                               |
| PIC32MZ1024ECG064-I/MR Price                         | PIC32MZ1024ECG064-I/MR Pictures             | PIC32MZ1024ECG064-I/MR Image                                  |
| PIC32MZ1024ECG064-I/MR PDF Datasheet                 | PIC32MZ1024ECG064-I/MR Download Datasheet   | PIC32MZ1024ECG064-I/MR Datasheet                              |
| PIC32MZ1024ECG064-I/MR Stock                         | Buy PIC32MZ1024ECG064-I/MR                  | Buy Micrel / Microchip Technology PIC32MZ1024ECG064-I/MR      |
| Micrel / Microchip Technology PIC32MZ1024ECG064-I/MR | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MZ1024ECG064-I/MR | Microchip Technology PIC32MZ1024ECG064-I/MR | Roving Networks / Microchip Technology PIC32MZ1024ECG064-I/MR |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>PIC32MZ1024ECG064-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64TQFP<br/>In stock: 10511 pcs</div><div>RFQ</div></div>     | <div><div><b>PIC32MZ1024ECG100-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: 8106 pcs</div><div>RFQ</div></div>     |
| <div><div><b>PIC32MZ0512EFK144-I/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 10920 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC32MZ0512EFK144T-E/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 512KB FLASH, 128KB RAM, CRYPTO,<br/>In stock: 8925 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC32MZ0512EFK144-I/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 144TQFP<br/>In stock: 8624 pcs</div><div>RFQ</div></div>   | <div><div><b>PIC32MZ0512EFK144T-I/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 144TQFP<br/>In stock: 10243 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC32MZ1024ECG064T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64TQFP<br/>In stock: 10969 pcs</div><div>RFQ</div></div>    | <div><div><b>PIC32MZ1024ECG100-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: 9220 pcs</div><div>RFQ</div></div>     |
| <div><div><b>PIC32MZ0512EFK144T-I/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 512KB FLASH, 128KB RAM, CRYPTO,<br/>In stock: 9836 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC32MZ1024ECG100T-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: 10551 pcs</div><div>RFQ</div></div>   |
| <div><div><b>PIC32MZ0512EFK144T-I/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 12766 pcs</div><div>RFQ</div></div> | <div><div><b>PIC32MZ1024ECG064T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64QFN<br/>In stock: 9993 pcs</div><div>RFQ</div></div>      |