



Micrel / Microchip Technology



PIC32MZ1024EFE144-I/PH

|                     |                                                                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MZ1024EFE144-I/PH                                                                                                                                                                     |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                              |
| Product description | IC MCU 32BIT 1MB FLASH 144TQFP<br><a href="#">PDF</a> 1.PIC32MZ1024EFE144-I/PH.pdf<br><a href="#">PDF</a> 2.PIC32MZ1024EFE144-I/PH.pdf<br><a href="#">PDF</a> 3.PIC32MZ1024EFE144-I/PH.pdf |
| Datasheets:         | <a href="#">PDF</a> 1.PIC32MZ1024EFE144-I/PH.pdf<br><a href="#">PDF</a> 2.PIC32MZ1024EFE144-I/PH.pdf<br><a href="#">PDF</a> 3.PIC32MZ1024EFE144-I/PH.pdf                                   |
| RoHs Status         |  Lead free / RoHS Compliant                                                                               |
| Ship From           | Hong Kong                                                                                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                      |

REQUEST FOR QUOTATION

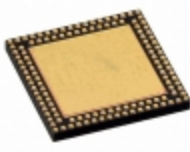
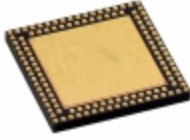
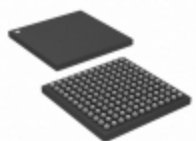
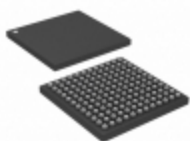
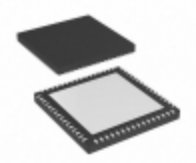
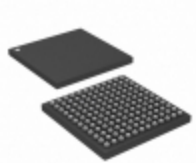
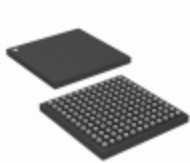
Specifications of PIC32MZ1024EFE144-I/PH

|                                  |                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MZ1024EFE144-I/PH                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 144TQFP                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| DATA SHEET                       | <a href="#">PDF</a> 1.PIC32MZ1024EFE144-I/PH.pdf<br><a href="#">PDF</a> 2.PIC32MZ1024EFE144-I/PH.pdf<br><a href="#">PDF</a> 3.PIC32MZ1024EFE144-I/PH.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.1 V ~ 3.6 V                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (16x16)                                                                                                                                         |
| SPEED                            | 200MHz                                                                                                                                                   |
| SERIES                           | PIC® 32MZ                                                                                                                                                |
| RAM SIZE                         | 256K x 8                                                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                          |
| PACKAGING                        | Tray                                                                                                                                                     |
| PACKAGE / CASE                   | 144-TQFP                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                        |
| NUMBER OF I/O                    | 120                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                        |
| DETAILED DESCRIPTION             | MIPS32® M-Class PIC® 32MZ Microcontroller IC 32-Bit 200MHz 1MB (1M x 8) FLASH 144-TQFP (16x16)                                                           |
| DATA CONVERTERS                  | A/D 48x12b                                                                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                                                                   |
| CORE PROCESSOR                   | MIPS32® M-Class                                                                                                                                          |
| CONNECTIVITY                     | EBI/EMI, Ethernet, I²C, PMP, SPI, SQI, UART/USART, USB OTG                                                                                               |
| BASE PART NUMBER                 | PIC32MZ1024                                                                                                                                              |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MZ1024EFE144-I/PH | PIC32MZ1024EFE144-I/PH Distributor          | PIC32MZ1024EFE144-I/PH Supplier                               |
| PIC32MZ1024EFE144-I/PH Price                         | PIC32MZ1024EFE144-I/PH Pictures             | PIC32MZ1024EFE144-I/PH Image                                  |
| PIC32MZ1024EFE144-I/PH PDF Datasheet                 | PIC32MZ1024EFE144-I/PH Download Datasheet   | PIC32MZ1024EFE144-I/PH Datasheet                              |
| PIC32MZ1024EFE144-I/PH Stock                         | Buy PIC32MZ1024EFE144-I/PH                  | Buy Micrel / Microchip Technology PIC32MZ1024EFE144-I/PH      |
| Micrel / Microchip Technology PIC32MZ1024EFE144-I/PH | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MZ1024EFE144-I/PH | Microchip Technology PIC32MZ1024EFE144-I/PH | Roving Networks / Microchip Technology PIC32MZ1024EFE144-I/PH |

Related Products

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| <div></div> <div><b>PIC32MZ1024EFE144T-I/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>PIC32MZ1024EFE144-E/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 180 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>PIC32MZ1024EFE144-E/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 144TQFP<br/>In stock: 270 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>PIC32MZ1024EFE124-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 124VTLA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>PIC32MZ1024EFE144T-I/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>PIC32MZ1024EFE124T-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 124VTLA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>PIC32MZ1024EFE144T-I/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 1024KB FLASH, 256KB RAM, NO CRYP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>PIC32MZ1024EFE144-E/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH, 256KB RAM<br/>In stock: 520 pcs<br/><div>RFQ</div></div>                    |
| <div></div> <div><b>PIC32MZ1024EFF064-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64QFN<br/>In stock: 360 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>PIC32MZ1024EFE144-I/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 62 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>PIC32MZ1024EFE144-I/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH, 256KB RAM<br/>In stock: 520 pcs<br/><div>RFQ</div></div>                    | <div></div> <div><b>PIC32MZ1024EFE144T-E/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 1024KB FLASH, 256KB RAM, NO CRYP<br/>In stock: Out stock<br/><div>RFQ</div></div> |