



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MZ1024EFH144-E/JWX

|                     |                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MZ1024EFH144-E/JWX                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                 |
| Product description | FLASH, 512KB RAM                                                                                                              |
| Datasheets:         |  <a href="#">PIC32MZ1024EFH144-E/JWX.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                  |
| Ship From           | Hong Kong                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                         |

REQUEST FOR QUOTATION

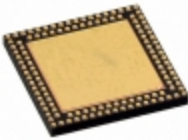
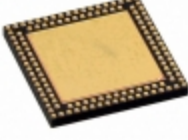
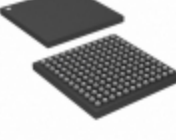
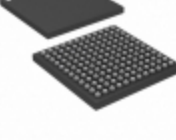
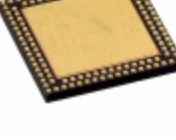
Specifications of PIC32MZ1024EFH144-E/JWX

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MZ1024EFH144-E/JWX                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                   |
| DESCRIPTION                      | FLASH, 512KB RAM                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                      |
| DATA SHEET                       |  <a href="#">PIC32MZ1024EFH144-E/JWX.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.1 V ~ 3.6 V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 144-TFBGA (7x7)                                                                                                                 |
| SPEED                            | 180MHz                                                                                                                          |
| SERIES                           | Automotive, AEC-Q100, 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                        | Tray                                                                                                                            |
| PACKAGE / CASE                   | 144-TFBGA                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                              |
| NUMBER OF I/O                    | 120                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                   |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                         |
| 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 1MB (1M x 8) FLASH 144-TFBGA (7x7)             |
| 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                                                              |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MZ1024EFH144-E/JWX | PIC32MZ1024EFH144-E/JWX Distributor          | PIC32MZ1024EFH144-E/JWX Supplier                               |
| PIC32MZ1024EFH144-E/JWX Price                         | PIC32MZ1024EFH144-E/JWX Pictures             | PIC32MZ1024EFH144-E/JWX Image                                  |
| PIC32MZ1024EFH144-E/JWX PDF Datasheet                 | PIC32MZ1024EFH144-E/JWX Download Datasheet   | PIC32MZ1024EFH144-E/JWX Datasheet                              |
| PIC32MZ1024EFH144-E/JWX Stock                         | Buy PIC32MZ1024EFH144-E/JWX                  | Buy Micrel / Microchip Technology PIC32MZ1024EFH144-E/JWX      |
| Micrel / Microchip Technology PIC32MZ1024EFH144-E/JWX | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
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Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                           |
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|  <div><b>PIC32MZ1024EFH144-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><b>PIC32MZ1024EFH124-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 124VTLA<br/>In stock: 240 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC32MZ1024EFH144-E/PL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 360 pcs<br/><div>RFQ</div></div>       |  <div><b>PIC32MZ1024EFH124T-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><b>PIC32MZ1024EFH144T-E/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 1024KB FLASH, 512KB RAM, NO CRYP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PIC32MZ1024EFH100T-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PIC32MZ1024EFH144-I/JWX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH, 512KB RAM<br/>In stock: 520 pcs<br/><div>RFQ</div></div>                    |  <div><b>PIC32MZ1024EFH144-I/PH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 144TQFP<br/>In stock: 52 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC32MZ1024EFH124-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><b>PIC32MZ1024EFH144-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><b>PIC32MZ1024EFH100T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>PIC32MZ1024EFH100-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: 1 pcs<br/><div>RFQ</div></div>      |