

PIC32MZ1024EFM124T-I/TL



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Part Number: [PIC32MZ1024EFM124T-I/TL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 1MB FLASH 124VTLA

Data sheet:  [PIC32MZ EF Datasheet](#)  
 [PIC32MZ EF Errata](#)  
 [PIC32 Microcontroller Brochure](#)

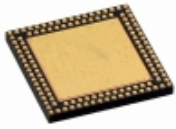
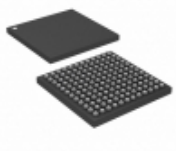
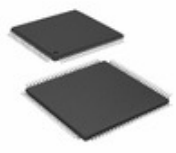
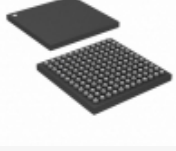
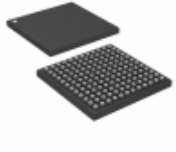
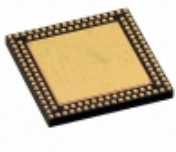
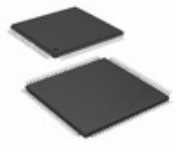
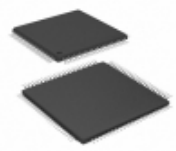
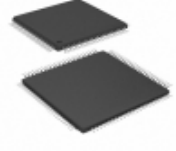
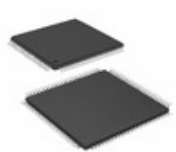
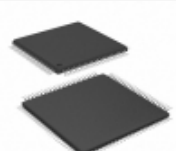
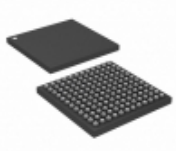
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                              |                                 |                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC32MZ1024EFM124T-I/TL                                                                      | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 32BIT 1MB FLASH 124VTLA                                                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 11622 pcs                                                                                    | Data sheet                      | <a href="#">PIC32MZ EF Datasheet</a><br><a href="#">PIC32MZ EF Errata</a><br><a href="#">PIC32 Microcontroller Brochure</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                                    | 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             | 1MB (1M x 8)                                                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, 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 Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3 (168 Hours)                                                                                | Manufacturer Standard Lead Time | 7 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 124-VTLA (9x9) | Data Converters                 | A/D 48x12b                                                                                                                  |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32-Bit                                                                                       | Core Processor                  | MIPS32® M-Class                                                                                                             |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, PMP, SPI, SQI, UART/USART, USB OTG              | Base Part Number                | PIC32MZ1024                                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 11622 pieces of Micrel / Microchip Technology PIC32MZ1024EFM124T-I/TL in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                              |                                 |                                                                                                                             |

| RELATED PRODUCTS                                                                   |                                                                                                  |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC32MZ1024EFM124-E/TL</a><br>Description: IC MCU 32BIT 1MB FLASH 124VTLA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144T-E/JWX</a><br>Description: 1024KB FLASH, 512KB RAM, CRYPTO, | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM100-E/PF</a><br>Description: IC MCU 32BIT 1MB FLASH 100TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144-I/PL</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM064T-I/MR</a><br>Description: IC MCU 32BIT 1MB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144-E/JWX</a><br>Description: FLASH, 512KB RAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144-I/JWX</a><br>Description: FLASH, 512KB RAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM124-I/TL</a><br>Description: IC MCU 32BIT 1MB FLASH 124VTLA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM100T-I/PF</a><br>Description: IC MCU 32BIT 1MB FLASH 100TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM100-I/PT</a><br>Description: IC MCU 32BIT 1MB FLASH 100TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM144T-I/PH</a><br>Description: IC MCU 32BIT 1MB FLASH 144TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MZ1024EFM100T-I/PT</a><br>Description: IC MCU 32BIT 1MB FLASH 100TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC32MZ1024EFM144-E/PL</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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