



PIC32MZ1024EFK100-E/PF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MZ1024EFK100-E/PF                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 1MB FLASH 100TQFP                                                                               |
|                     | <a href="#">PDF</a> 1.PIC32MZ1024EFK100-E/PF.pdf                                                             |
|                     | <a href="#">PDF</a> 2.PIC32MZ1024EFK100-E/PF.pdf                                                             |
|                     | <a href="#">PDF</a> 3.PIC32MZ1024EFK100-E/PF.pdf                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

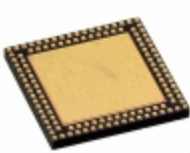
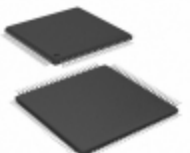
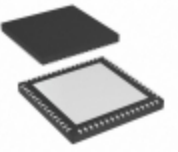
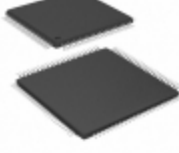
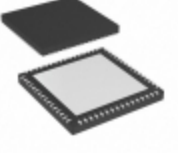
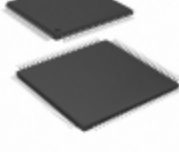
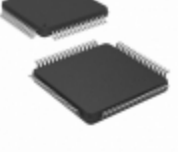
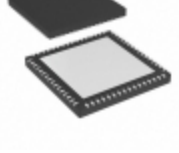
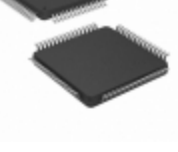
Specifications of PIC32MZ1024EFK100-E/PF

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MZ1024EFK100-E/PF                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 100TQFP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                       | <a href="#">PDF</a> 1.PIC32MZ1024EFK100-E/PF.pdf                                                                     |
|                                  | <a href="#">PDF</a> 2.PIC32MZ1024EFK100-E/PF.pdf                                                                     |
|                                  | <a href="#">PDF</a> 3.PIC32MZ1024EFK100-E/PF.pdf                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.1 V ~ 3.6 V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                                     |
| SPEED                            | 180MHz                                                                                                               |
| SERIES                           | Automotive, AEC-Q100, 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                   | 100-TQFP                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                        |
| NUMBER OF I/O                    | 78                                                                                                                   |
| 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 Automotive, AEC-Q100, PIC® 32MZ Microcontroller IC 32-Bit 180MHz 1MB (1M x 8) FLASH 100-TQFP (14x14) |
| DATA CONVERTERS                  | A/D 40x12b                                                                                                           |
| 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                 | PIC32MZ1024                                                                                                          |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MZ1024EFK100-E/PF | PIC32MZ1024EFK100-E/PF Distributor          | PIC32MZ1024EFK100-E/PF Supplier                               |
| PIC32MZ1024EFK100-E/PF Price                         | PIC32MZ1024EFK100-E/PF Pictures             | PIC32MZ1024EFK100-E/PF Image                                  |
| PIC32MZ1024EFK100-E/PF PDF Datasheet                 | PIC32MZ1024EFK100-E/PF Download Datasheet   | PIC32MZ1024EFK100-E/PF Datasheet                              |
| PIC32MZ1024EFK100-E/PF Stock                         | Buy PIC32MZ1024EFK100-E/PF                  | Buy Micrel / Microchip Technology PIC32MZ1024EFK100-E/PF      |
| Micrel / Microchip Technology PIC32MZ1024EFK100-E/PF | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MZ1024EFK100-E/PF | Microchip Technology PIC32MZ1024EFK100-E/PF | Roving Networks / Microchip Technology PIC32MZ1024EFK100-E/PF |

Related Products

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|  <div><b>PIC32MZ1024EFK124-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 124VTLA<br/>In stock: 240 pcs</div> <div>RFQ</div>   |  <div><b>PIC32MZ1024EFK100T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>PIC32MZ1024EFK064T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>PIC32MZ1024EFK064-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64QFN<br/>In stock: 183 pcs</div> <div>RFQ</div>      |
|  <div><b>PIC32MZ1024EFK100-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: 52 pcs</div> <div>RFQ</div>    |  <div><b>PIC32MZ1024EFK064T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>   |
|  <div><b>PIC32MZ1024EFK100-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: 354 pcs</div> <div>RFQ</div>   |  <div><b>PIC32MZ1024EFK064-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64TQFP<br/>In stock: 7 pcs</div> <div>RFQ</div>       |
|  <div><b>PIC32MZ1024EFK064-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64QFN<br/>In stock: 60 pcs</div> <div>RFQ</div>      |  <div><b>PIC32MZ1024EFK100T-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>PIC32MZ1024EFK100-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 100TQFP<br/>In stock: 49 pcs</div> <div>RFQ</div>    |  <div><b>PIC32MZ1024EFK064-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 1MB FLASH 64TQFP<br/>In stock: 455 pcs</div> <div>RFQ</div>     |