



PIC32MX174F256DT-I/ML

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX174F256DT-I/ML                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                 |
| Product description | IC MCU 32BIT 256KB FLASH                                                                                      |
| Datasheets:         |  1.PIC32MX174F256DT-I/ML.pdf |
|                     |  2.PIC32MX174F256DT-I/ML.pdf |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 22913 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

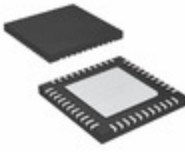
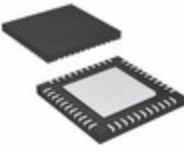
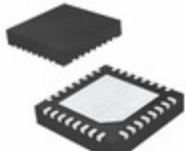
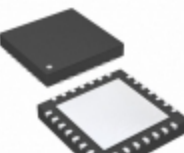
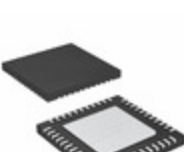
Specifications of PIC32MX174F256DT-I/ML

|                                  |                                                                                                                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX174F256DT-I/ML                                                                                                                                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 22913 pcs                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.PIC32MX174F256DT-I/ML.pdf<br> 2.PIC32MX174F256DT-I/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 3.6 V                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                                                                                                                                       |
| SPEED                            | 72MHz                                                                                                                                                                                                                              |
| SERIES                           | PIC® XLP™ 32MX                                                                                                                                                                                                                     |
| RAM SIZE                         | 64K x 8                                                                                                                                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                                                                                                                   |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, HLVD, I²S, POR, PWM, WDT                                                                                                                                                                              |
| PACKAGING                        | Original-Reel®                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                                                                                                                                                |
| OTHER NAMES                      | PIC32MX174F256DT-I/MLDKR                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 34                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                         |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | MIPS32® M4K™ PIC® XLP™ 32MX Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 44-QFN (8x8)                                                                                                                                    |
| DATA CONVERTERS                  | A/D 13x10b                                                                                                                                                                                                                         |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                             |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART                                                                                                                                                                                            |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX174F256DT-I/ML | PIC32MX174F256DT-I/ML Distributor          | PIC32MX174F256DT-I/ML Supplier                               |
| PIC32MX174F256DT-I/ML Price                         | PIC32MX174F256DT-I/ML Pictures             | PIC32MX174F256DT-I/ML Image                                  |
| PIC32MX174F256DT-I/ML PDF Datasheet                 | PIC32MX174F256DT-I/ML Download Datasheet   | PIC32MX174F256DT-I/ML Datasheet                              |
| PIC32MX174F256DT-I/ML Stock                         | Buy PIC32MX174F256DT-I/ML                  | Buy Micrel / Microchip Technology PIC32MX174F256DT-I/ML      |
| Micrel / Microchip Technology PIC32MX174F256DT-I/ML | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology PIC32MX174F256DT-I/ML | Microchip Technology PIC32MX174F256DT-I/ML | Roving Networks / Microchip Technology PIC32MX174F256DT-I/ML |

Related Products

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| <div>MICROCHIP</div> <div><b>PIC32MX210F016B-I/SP</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 28SDIP<br/>In stock: 42969 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC32MX174F256D-V/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 23155 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>PIC32MX174F256D-I/ML</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 22115 pcs</div> <div>RFQ</div>                | <div></div> <div><b>PIC32MX174F256DT-V/ML</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 22760 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>PIC32MX174F256BT-V/MM</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 25214 pcs</div> <div>RFQ</div>               | <div></div> <div><b>PIC32MX174F256D-I/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 23391 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>PIC32MX210F016B-I/SO</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 28SOIC<br/>In stock: 54619 pcs</div> <div>RFQ</div>          | <div></div> <div><b>PIC32MX210F016B-I/ML</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 16KB FLASH 28QFN<br/>In stock: 58099 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC32MX174F256DT-V/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 21799 pcs</div> <div>RFQ</div>               | <div></div> <div><b>PIC32MX174F256DT-I/PT</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 23247 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>PIC32MX174F256BT-V/SO</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 27395 pcs</div> <div>RFQ</div>               | <div></div> <div><b>PIC32MX174F256D-V/ML</b></div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 22932 pcs</div> <div>RFQ</div>      |