

MICROCHIP

Micrel / Microchip Technology

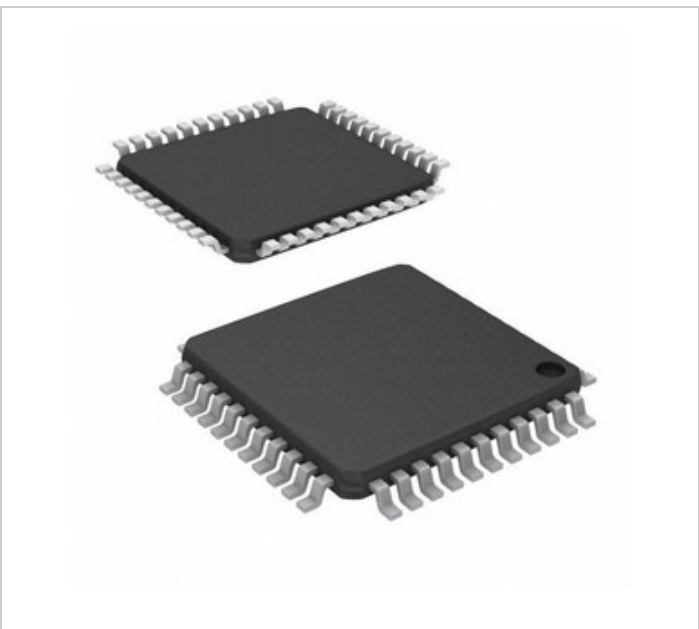


Image may be representation. See specifications for product details.

## PIC32MX174F256D-I/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX174F256D-I/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH                                                                                     |
|                     |  1.PIC32MX174F256D-I/PT.pdf |
|                     |  2.PIC32MX174F256D-I/PT.pdf |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 23391 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

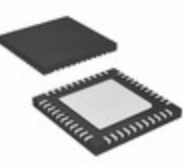
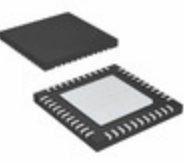
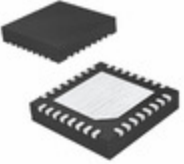
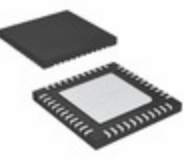
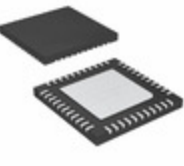
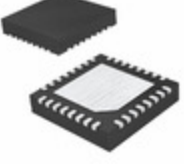
### Specifications of PIC32MX174F256D-I/PT

|                                  |                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX174F256D-I/PT                                                                                                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 23391 pcs                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.PIC32MX174F256D-I/PT.pdf<br> 2.PIC32MX174F256D-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 3.6 V                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                  |
| 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                        | Tray                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                          |
| 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-TQFP (10x10)                                                                                                                               |
| 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 PIC32MX174F256D-I/PT | PIC32MX174F256D-I/PT Distributor          | PIC32MX174F256D-I/PT Supplier                               |
| PIC32MX174F256D-I/PT Price                         | PIC32MX174F256D-I/PT Pictures             | PIC32MX174F256D-I/PT Image                                  |
| PIC32MX174F256D-I/PT PDF Datasheet                 | PIC32MX174F256D-I/PT Download Datasheet   | PIC32MX174F256D-I/PT Datasheet                              |
| PIC32MX174F256D-I/PT Stock                         | Buy PIC32MX174F256D-I/PT                  | Buy Micrel / Microchip Technology PIC32MX174F256D-I/PT      |
| Micrel / Microchip Technology PIC32MX174F256D-I/PT | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology PIC32MX174F256D-I/PT | Microchip Technology PIC32MX174F256D-I/PT | Roving Networks / Microchip Technology PIC32MX174F256D-I/PT |

### Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC32MX174F256D-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 23155 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC32MX174F256D-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 22115 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC32MX174F256DT-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 22913 pcs<br/><b>RFQ</b></div> |  <div><b>PIC32MX174F256BT-V/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 27395 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC32MX174F256BT-V/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 25214 pcs<br/><b>RFQ</b></div> |  <div><b>PIC32MX174F256DT-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 22760 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC32MX174F256BT-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 22571 pcs<br/><b>RFQ</b></div> |  <div><b>PIC32MX174F256B-V/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 22981 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC32MX174F256D-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 22932 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC32MX174F256DT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 23247 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC32MX174F256BT-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 22386 pcs<br/><b>RFQ</b></div> |  <div><b>PIC32MX174F256DT-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH<br/>In stock: 21799 pcs<br/><b>RFQ</b></div> |