

MICROCHIP

Micrel / Microchip Technology

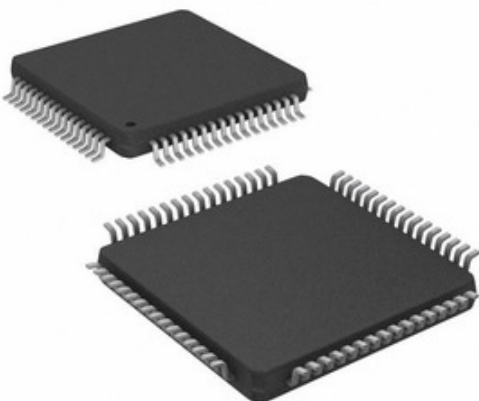


Image may be representation. See specifications for product details.

PIC32MX170F512HT-I/PT

Part Number:

PIC32MX170F512HT-I/PT

Manufacturer/Brand:

Micrel / Microchip Technology

Product description

IC MCU 32BIT 512KB FLASH 64TQFP

Datasheets:

1.PIC32MX170F512HT-I/PT.pdf

2.PIC32MX170F512HT-I/PT.pdf

RoHs Status

Lead free / RoHS Compliant

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

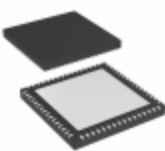
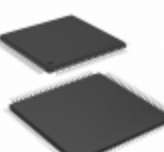
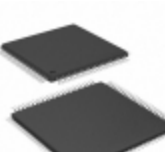
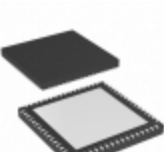
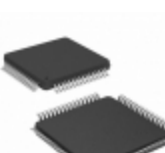
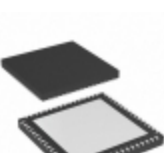
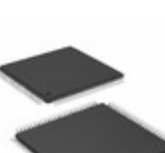
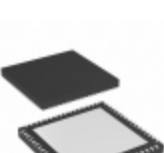
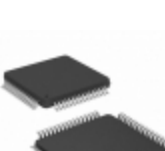
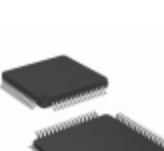
Specifications of PIC32MX170F512HT-I/PT

|                                  |                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX170F512HT-I/PT                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64TQFP                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                    |
| DATA SHEET                       | <div><div>1.PIC32MX170F512HT-I/PT.pdf</div><div>2.PIC32MX170F512HT-I/PT.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                                                                                                                                                               |
| SPEED                            | 40MHz                                                                                                                                                                                                                                                         |
| SERIES                           | PIC® 32MX                                                                                                                                                                                                                                                     |
| RAM SIZE                         | 64K x 8                                                                                                                                                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                                                                                                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                             |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 40MHz 512KB (512K x 8) FLASH 64-TQFP (10x10)                                                                                                                                                                 |
| DATA CONVERTERS                  | A/D 28x10b                                                                                                                                                                                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | PIC32MX170F512                                                                                                                                                                                                                                                |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX170F512HT-I/PT | PIC32MX170F512HT-I/PT Distributor          | PIC32MX170F512HT-I/PT Supplier                               |
| PIC32MX170F512HT-I/PT Price                         | PIC32MX170F512HT-I/PT Pictures             | PIC32MX170F512HT-I/PT Image                                  |
| PIC32MX170F512HT-I/PT PDF Datasheet                 | PIC32MX170F512HT-I/PT Download Datasheet   | PIC32MX170F512HT-I/PT Datasheet                              |
| PIC32MX170F512HT-I/PT Stock                         | Buy PIC32MX170F512HT-I/PT                  | Buy Micrel / Microchip Technology PIC32MX170F512HT-I/PT      |
| Micrel / Microchip Technology PIC32MX170F512HT-I/PT | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology PIC32MX170F512HT-I/PT | Microchip Technology PIC32MX170F512HT-I/PT | Roving Networks / Microchip Technology PIC32MX170F512HT-I/PT |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PIC32MX170F512HT-50I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>PIC32MX170F512H-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 102 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>PIC32MX170F512L-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>PIC32MX170F512L-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>PIC32MX170F512L-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 222 pcs</div> <div>RFQ</div>   | <div></div> <div><b>PIC32MX170F512HT-V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC32MX170F512HT-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>PIC32MX170F512HT-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC32MX170F512L-50I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>PIC32MX170F512H-V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>PIC32MX170F512HT-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>PIC32MX170F512H-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |