



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MX170F512H-50I/MR

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX170F512H-50I/MR                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 32BIT 512KB FLASH 64QFN                                                                                 |
|                     |  1.PIC32MX170F512H-50I/MR.pdf |
|                     |  2.PIC32MX170F512H-50I/MR.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 16993 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

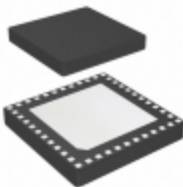
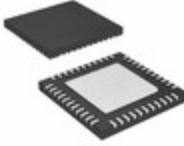
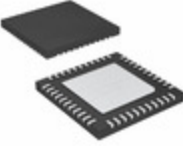
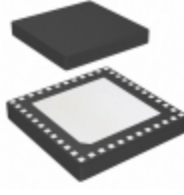
Specifications of PIC32MX170F512H-50I/MR

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX170F512H-50I/MR                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64QFN                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 16993 pcs                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.PIC32MX170F512H-50I/MR.pdf<br> 2.PIC32MX170F512H-50I/MR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                         |
| SPEED                            | 50MHz                                                                                                                                                                                                                                |
| 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                        | Tube                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 64-QFN (9x9)                                                                                                                                           |
| 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 PIC32MX170F512H-50I/MR | PIC32MX170F512H-50I/MR Distributor          | PIC32MX170F512H-50I/MR Supplier                               |
| PIC32MX170F512H-50I/MR Price                         | PIC32MX170F512H-50I/MR Pictures             | PIC32MX170F512H-50I/MR Image                                  |
| PIC32MX170F512H-50I/MR PDF Datasheet                 | PIC32MX170F512H-50I/MR Download Datasheet   | PIC32MX170F512H-50I/MR Datasheet                              |
| PIC32MX170F512H-50I/MR Stock                         | Buy PIC32MX170F512H-50I/MR                  | Buy Micrel / Microchip Technology PIC32MX170F512H-50I/MR      |
| Micrel / Microchip Technology PIC32MX170F512H-50I/MR | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MX170F512H-50I/MR | Microchip Technology PIC32MX170F512H-50I/MR | Roving Networks / Microchip Technology PIC32MX170F512H-50I/MR |

Related Products

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| <div><div><b>PIC32MX170F512H-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 25777 pcs</div><div>RFQ</div></div>    | <div><div><b>PIC32MX170F256DT-V/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44VTLA<br/>In stock: 30589 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC32MX170F256DT-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44QFN<br/>In stock: 28161 pcs</div><div>RFQ</div></div>   | <div><div><b>PIC32MX170F256DT-V/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44QFN<br/>In stock: 27106 pcs</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: 20782 pcs</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: 19976 pcs</div><div>RFQ</div></div>   |
| <div><div><b>PIC32MX170F256DT-I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44VTLA<br/>In stock: 25376 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC32MX170F512H-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 18630 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC32MX170F256DT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44TQFP<br/>In stock: 28858 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC32MX170F256DT-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 44TQFP<br/>In stock: 29211 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC32MX170F512HT-50I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 23492 pcs</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: 22883 pcs</div><div>RFQ</div></div>    |