



Micrel / Microchip Technology



|                     |                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX370F512HT-V/MR                                                                                                                                                                                                                                                                                                                                                                                   |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                           |
| Product description | IC MCU 32BIT 512KB FLASH 64QFN <div> 1.PIC32MX370F512HT-V/MR.pdf<div> 2.PIC32MX370F512HT-V/MR.pdf<div> 3.PIC32MX370F512HT-V/MR.pdf</div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                         |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                            |
| Stock Condition     | 19038 pcs stock                                                                                                                                                                                                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

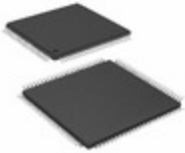
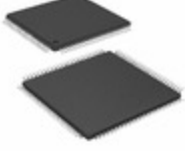
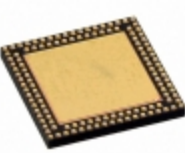
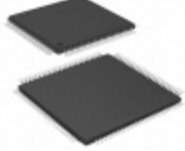
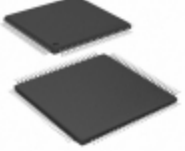
Specifications of PIC32MX370F512HT-V/MR

|                                  |                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX370F512HT-V/MR                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64QFN                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 19038 pcs                                                                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div> 1.PIC32MX370F512HT-V/MR.pdf<div> 2.PIC32MX370F512HT-V/MR.pdf<div> 3.PIC32MX370F512HT-V/MR.pdf</div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                                                                                                                                                                   |
| SPEED                            | 80MHz                                                                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | PIC® 32MX                                                                                                                                                                                                                                                                                                                                                                      |
| RAM SIZE                         | 128K x 8                                                                                                                                                                                                                                                                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                                                                                                                                                                                                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                                                                                                                                                                             |
| NUMBER OF I/O                    | 51                                                                                                                                                                                                                                                                                                                                                                             |
| 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 80MHz 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                 | PIC32MX370F512                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX370F512HT-V/MR | PIC32MX370F512HT-V/MR Distributor          | PIC32MX370F512HT-V/MR Supplier                               |
| PIC32MX370F512HT-V/MR Price                         | PIC32MX370F512HT-V/MR Pictures             | PIC32MX370F512HT-V/MR Image                                  |
| PIC32MX370F512HT-V/MR PDF Datasheet                 | PIC32MX370F512HT-V/MR Download Datasheet   | PIC32MX370F512HT-V/MR Datasheet                              |
| PIC32MX370F512HT-V/MR Stock                         | Buy PIC32MX370F512HT-V/MR                  | Buy Micrel / Microchip Technology PIC32MX370F512HT-V/MR      |
| Micrel / Microchip Technology PIC32MX370F512HT-V/MR | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology PIC32MX370F512HT-V/MR | Microchip Technology PIC32MX370F512HT-V/MR | Roving Networks / Microchip Technology PIC32MX370F512HT-V/MR |

Related Products

|                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>PIC32MX370F512HT-I/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div><div>In stock: 16133 pcs</div><div>RFQ</div></div></div>  | <div><div><b>PIC32MX370F512H-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div><div>In stock: 16522 pcs</div><div>RFQ</div></div></div>  |
| <div><div><b>PIC32MX370F512L-I/PF</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 100TQFP</div><div>In stock: 13119 pcs</div><div>RFQ</div></div></div> | <div><div><b>PIC32MX370F512HT-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div><div>In stock: 20994 pcs</div><div>RFQ</div></div></div> |
| <div><div><b>PIC32MX370F512L-V/PF</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 100TQFP</div><div>In stock: 15050 pcs</div><div>RFQ</div></div></div> | <div><div><b>PIC32MX370F512H-V/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div><div>In stock: 16429 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>PIC32MX370F512HT-V/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div><div>In stock: 19807 pcs</div><div>RFQ</div></div></div> | <div><div><b>PIC32MX370F512H-I/MR</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div><div>In stock: 14611 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>PIC32MX370F512L-I/TL</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 124VTLA</div><div>In stock: 15781 pcs</div><div>RFQ</div></div></div> | <div><div><b>PIC32MX370F512H-V/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 64TQFP</div><div>In stock: 17830 pcs</div><div>RFQ</div></div></div>  |
| <div><div><b>PIC32MX370F512L-I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 100TQFP</div><div>In stock: 14908 pcs</div><div>RFQ</div></div></div> | <div><div><b>PIC32MX370F512L-V/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 512KB FLASH 100TQFP</div><div>In stock: 14262 pcs</div><div>RFQ</div></div></div> |