



Micrel / Microchip Technology



PIC32MX270F512HT-50I/PT

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX270F512HT-50I/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MCU 32BIT 512KB FLASH 64TQFP                                                                                 |
| Datasheets:         |  1.PIC32MX270F512HT-50I/PT.pdf |
|                     |  2.PIC32MX270F512HT-50I/PT.pdf |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 17173 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.

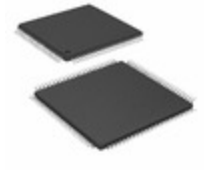
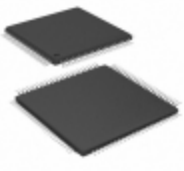
Specifications of PIC32MX270F512HT-50I/PT

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX270F512HT-50I/PT                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64TQFP                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 17173 pcs                                                                                                         |
| DATA SHEET                       |  1.PIC32MX270F512HT-50I/PT.pdf |
|                                  |  2.PIC32MX270F512HT-50I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                   |
| 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                        | Tape & Reel (TR)                                                                                                  |
| PACKAGE / CASE                   | 64-TQFP                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                 |
| NUMBER OF I/O                    | 49                                                                                                                |
| 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-TQFP (10x10)                     |
| DATA CONVERTERS                  | A/D 28x10b                                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                                            |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                      |
| CONNECTIVITY                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG                                                                  |
| BASE PART NUMBER                 | PIC32MX270F512                                                                                                    |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX270F512HT-50I/PT | PIC32MX270F512HT-50I/PT Distributor          | PIC32MX270F512HT-50I/PT Supplier                               |
| PIC32MX270F512HT-50I/PT Price                         | PIC32MX270F512HT-50I/PT Pictures             | PIC32MX270F512HT-50I/PT Image                                  |
| PIC32MX270F512HT-50I/PT PDF Datasheet                 | PIC32MX270F512HT-50I/PT Download Datasheet   | PIC32MX270F512HT-50I/PT Datasheet                              |
| PIC32MX270F512HT-50I/PT Stock                         | Buy PIC32MX270F512HT-50I/PT                  | Buy Micrel / Microchip Technology PIC32MX270F512HT-50I/PT      |
| Micrel / Microchip Technology PIC32MX270F512HT-50I/PT | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology PIC32MX270F512HT-50I/PT | Microchip Technology PIC32MX270F512HT-50I/PT | Roving Networks / Microchip Technology PIC32MX270F512HT-50I/PT |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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|  <div><b>PIC32MX270F512HT-50I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 20216 pcs</div> <div>RFQ</div>  |  <div><b>PIC32MX270F512HT-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 22010 pcs</div> <div>RFQ</div>   |
|  <div><b>PIC32MX270F512L-50I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 14834 pcs</div> <div>RFQ</div> |  <div><b>PIC32MX270F512H-50I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 19155 pcs</div> <div>RFQ</div>   |
|  <div><b>PIC32MX270F512HT-V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 23175 pcs</div> <div>RFQ</div>    |  <div><b>PIC32MX270F512H-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 15101 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC32MX270F512H-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 19759 pcs</div> <div>RFQ</div>    |  <div><b>PIC32MX270F512H-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 20633 pcs</div> <div>RFQ</div>     |
|  <div><b>PIC32MX270F512HT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 21903 pcs</div> <div>RFQ</div>   |  <div><b>PIC32MX270F512L-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 13597 pcs</div> <div>RFQ</div> |
|  <div><b>PIC32MX270F512HT-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 24007 pcs</div> <div>RFQ</div>    |  <div><b>PIC32MX270F512H-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 18643 pcs</div> <div>RFQ</div>    |