



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MX270F512L-50I/PF

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX270F512L-50I/PF                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 32BIT 512KB FLASH 100TQFP                                                                               |
|                     |  1.PIC32MX270F512L-50I/PF.pdf |
|                     |  2.PIC32MX270F512L-50I/PF.pdf |
| Datasheets:         |                                                                                                                |
| RoHS Status         |  Lead free / RoHS Compliant   |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

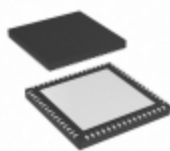
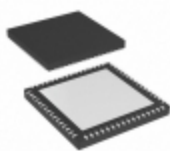
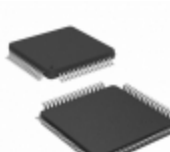
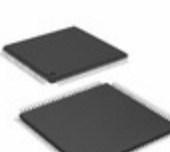
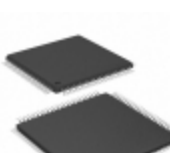
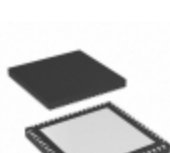
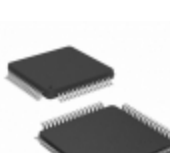
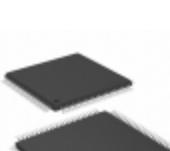
Specifications of PIC32MX270F512L-50I/PF

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX270F512L-50I/PF                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100TQFP                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| DATA SHEET                       |  1.PIC32MX270F512L-50I/PF.pdf<br> 2.PIC32MX270F512L-50I/PF.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                                                                                                                                                     |
| 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                        | Tray                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 100-TQFP                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 81                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 5 Weeks                                                                                                                                                                                                                              |
| 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 100-TQFP (14x14)                                                                                                                                       |
| DATA CONVERTERS                  | A/D 48x10b                                                                                                                                                                                                                           |
| 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 PIC32MX270F512L-50I/PF | PIC32MX270F512L-50I/PF Distributor          | PIC32MX270F512L-50I/PF Supplier                               |
| PIC32MX270F512L-50I/PF Price                         | PIC32MX270F512L-50I/PF Pictures             | PIC32MX270F512L-50I/PF Image                                  |
| PIC32MX270F512L-50I/PF PDF Datasheet                 | PIC32MX270F512L-50I/PF Download Datasheet   | PIC32MX270F512L-50I/PF Datasheet                              |
| PIC32MX270F512L-50I/PF Stock                         | Buy PIC32MX270F512L-50I/PF                  | Buy Micrel / Microchip Technology PIC32MX270F512L-50I/PF      |
| Micrel / Microchip Technology PIC32MX270F512L-50I/PF | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MX270F512L-50I/PF | Microchip Technology PIC32MX270F512L-50I/PF | Roving Networks / Microchip Technology PIC32MX270F512L-50I/PF |

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: Out stock<br/><div>RFQ</div></div> |  <div><b>PIC32MX270F512HT-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>PIC32MX270F512L-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PIC32MX270F512LT-50I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PIC32MX270F512HT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PIC32MX270F512L-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 176 pcs<br/><div>RFQ</div></div>      |
|  <div><b>PIC32MX270F512L-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PIC32MX270F512HT-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>PIC32MX270F512HT-V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>PIC32MX270F512HT-V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>PIC32MX270F512L-V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PIC32MX270F512L-50I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 332 pcs<br/><div>RFQ</div></div>    |