

PIC32MX470F512LT-I/PF





Part Number: [PIC32MX470F512LT-I/PF](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 100TQFP

Data sheet: 

 [PIC32MX330 Family Errata & Datasheet](#)

 [PIC32MX330 Microcontroller Brochure](#)

 [PIC32MX3x0/4x0 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

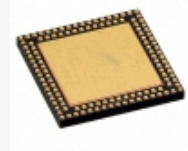
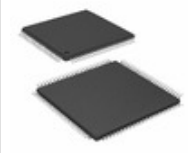
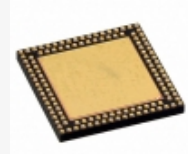
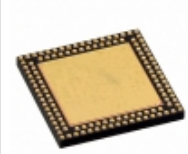
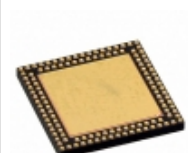
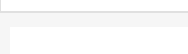
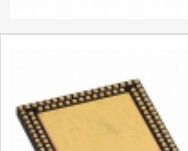
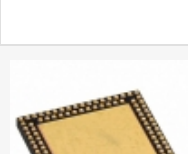
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                |                                 |                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC32MX470F512LT-I/PF                                                                          | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 32BIT 512KB FLASH 100TQFP                                                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 13766 pcs                                                                                      | Data sheet                      | <a href="#">PIC32MX330 Family Errata &amp; Datasheet</a><br><a href="#">PIC32MX330 Microcontroller Brochure</a><br><a href="#">PIC32MX3x0/4x0 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                                      | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 3.6 V                                                                                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 100-TQFP (14x14)                                                                               | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 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 | 11 Weeks                                                                                                                                                    |
| 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 100-TQFP (14x14) | Data Converters                 | A/D 28x10b                                                                                                                                                  |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32-Bit                                                                                         | Core Processor                  | MIPS32® M4K™                                                                                                                                                |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IPC, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG                                               | Base Part Number                | PIC32MX470F512                                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                                 |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC32MX530F128H-V/MR</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX470F512LT-V/TL</a><br>Description: IC MCU 32BIT 512KB FLASH 124VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX470F512LT-I/PF</a><br>Description: IC MCU 32BIT 512KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX470F512LT-120/TL</a><br>Description: IC MCU 32BIT 512KB FLASH 124VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX470F512LT-I/TL</a><br>Description: IC MCU 32BIT 512KB FLASH 124VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX470F512LT-I/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX470F512LT-120/TL</a><br>Description: IC MCU 32BIT 512KB FLASH 124VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX470F512LT-I/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX470F512LT-V/PF</a><br>Description: IC MCU 32BIT 512KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX530F128H-50I/MR</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX530F128H-50I/PT</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX470F512LT-V/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 100TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC32MX470F512LT-I/PF

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|                                                     | PIC32MX470F512LT-I/PF download datasheet            | PIC32MX470F512LT-I/PF datasheet            | PIC32MX470F512LT-I/PF stock                                     |
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