

PIC32MX570F512HT-V/PT



Part Number: [PIC32MX570F512HT-V/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 64TQFP

Data sheet:  [PIC32MX1xx,2xx,5xx Errata](#)  
 [PIC32MX1xx,2xx,5xx Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

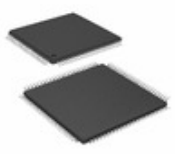
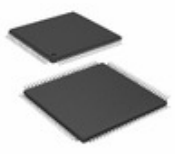
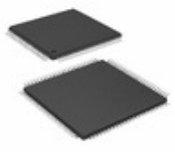
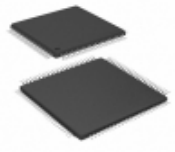
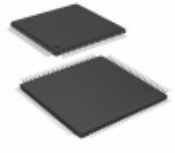
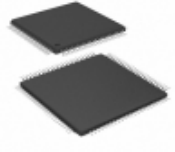
Ship From: Hong Kong

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                     |                                 |                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC32MX570F512HT-V/PT                                                                                               | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 32BIT 512KB FLASH 64TQFP                                                                                     | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 19566 pcs                                                                                                           | Data sheet                      | <a href="#">PIC32MX1xx,2xx,5xx Errata</a><br><a href="#">PIC32MX1xx,2xx,5xx</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                                                           | Voltage - Supply (Vcc/Vdd)      | <a href="#">Datasheet</a><br>2.3 V ~ 3.6 V                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 64-TQFP (10x10)                                                                                                     | Speed                           | 40MHz                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Automotive, AEC-Q100, 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 ~ 105°C (TA)                                                                                                  | Number of I/O                   | 49                                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                                                                                                       | Manufacturer Standard Lead Time | 7 Weeks                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                                                          | EEPROM Size                     | -                                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MIPS32® M4K™ Automotive, AEC-Q100, PIC® 32MX Microcontroller IC 32-Bit 40MHz 512KB (512K x 8) FLASH 64-TQFP (10x10) | Data Converters                 | A/D 28x10b                                                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32-Bit                                                                                                              | Core Processor                  | MIPS32® M4K™                                                                    |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CANbus, I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG                                                            | Base Part Number                | PIC32MX570F512                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 19566 pieces of Micrel / Microchip Technology PIC32MX570F512HT-V/PT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                                     |                                 |                                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC32MX570F512L-50I/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX570F512H-IMR</a><br>Description: IC MCU 32BIT 512KB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX570F512H-50I/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC32MX570F512HT-50I/MR</a><br>Description: IC MCU 32BIT 512KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC32MX570F512HT-V/PT

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