

PIC32MX440F512H-80I/PT



Images are for reference only.  
See Product Specifications for product details.  
Buy PIC32MX440F512H-80I/PT with confidence from  
Component-World.HK, 1 Year Warranty



Part Number: PIC32MX440F512H-80I/PT

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 32BIT 512KB FLASH 64TQFP

Data sheet:  [PIC32MX3xx,4xx Datasheet](#)  
 [PIC32 User Guide](#)  
 [PIC32 Microcontroller Brochure](#)  
 [PIC32MX User Guide](#)  
 [PIC32MX3zz,PIC32MX4zz Family Errata & DataSheet CI](#)  
 [PIC32MX Flash Programming Spec](#)

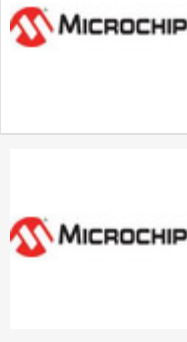
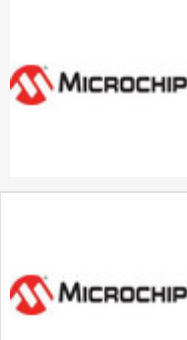
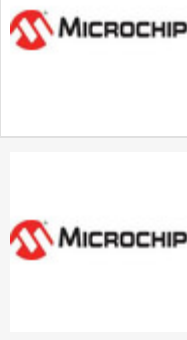
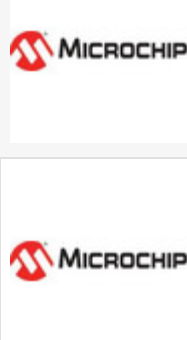
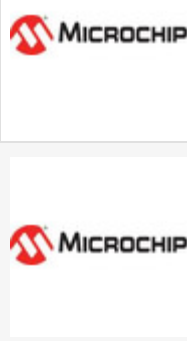
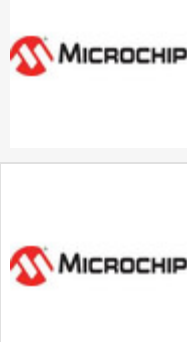
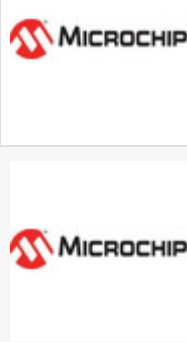
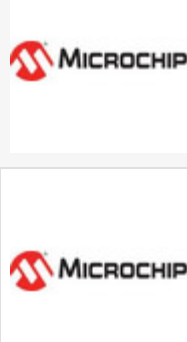
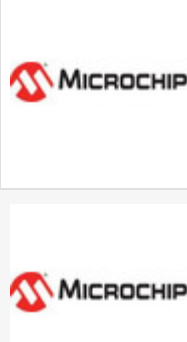
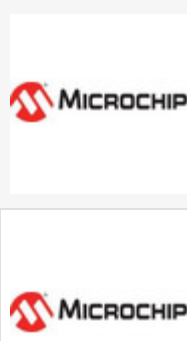
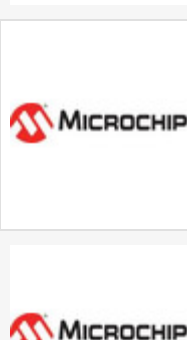
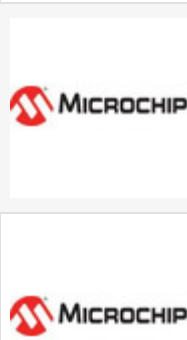
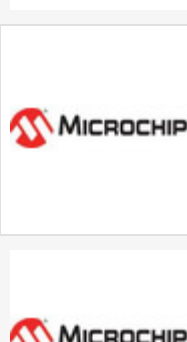
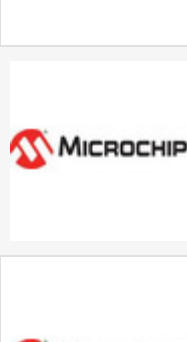
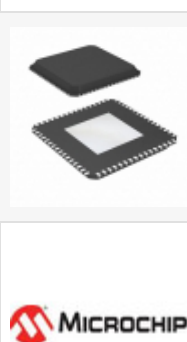
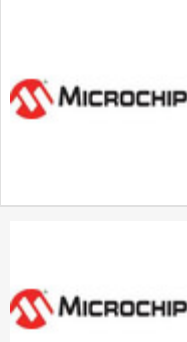
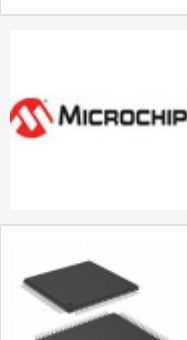
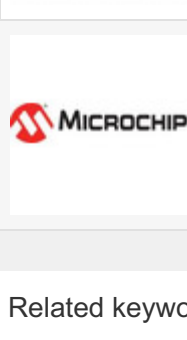
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            |                                  |                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC32MX440F512H-80I/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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20421 pcs                                  | Data sheet                       | <a href="#">PIC32MX3xx,4xx Datasheet</a><br><a href="#">PIC32 User Guide</a><br><a href="#">PIC32 Microcontroller Brochure</a><br><a href="#">PIC32MX User Guide</a><br><a href="#">PIC32MX3zz,PIC32MX4zz Family Errata &amp; DataSheet CI</a><br><a href="#">PIC32MX Flash Programming Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 64-TQFP (10x10)                            | Speed                            | 80MHz                                                                                                                                                                                                                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC® 32MX                                  | RAM Size                         | 32K x 8                                                                                                                                                                                                                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                      | Program Memory Size              | 512KB (512K x 8)                                                                                                                                                                                                                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Brown-out Detect/Reset, DMA, POR, PWM, WDT | Packaging                        | Tray                                                                                                                                                                                                                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 64-TQFP                                    | Other Names                      | PIC32MX440F512H80IPT                                                                                                                                                                                                                                                                             |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Internal                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 53                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10 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 64-TQFP (10x10)                                                                                                                                                                                                    |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 16x10b                                 | Core Size                        | 32-Bit                                                                                                                                                                                                                                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MIPS32® M4K™                               | Connectivity                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG                                                                                                                                                                                                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC32MX440F512                             |                                  |                                                                                                                                                                                                                                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 20421 pieces of Micrel / Microchip Technology PIC32MX440F512H-80I/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="#">PIC32MX440F512H-80I/MR</a><br>Description: IC MCU 32BIT 512KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F512HT-80I/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F256H-80V/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F512HT-80V/MR</a><br>Description: IC MCU 32BIT 512KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX450F128H-I/PT</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F512HT-80V/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX450F128H-V/MR</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F256H-80V/MR</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F256HT-80I/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F256HT-80V/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F256H-80I/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F512H-80V/MR</a><br>Description: IC MCU 32BIT 512KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F256HT-80V/MR</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F512H-80V/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F256H-80I/MR</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX450F128H-I/RG</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F256HT-80I/MR</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F512HT-80I/MR</a><br>Description: IC MCU 32BIT 512KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX440F128LT-80V/PT</a><br>Description: IC MCU 32BIT 128KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX450F128H-I/MR</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for PIC32MX440F512H-80I/PT

|                                                      |                                                      |                                             |                                                               |
|------------------------------------------------------|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX440F512H-80I/PT | PIC32MX440F512H-80I/PT distributor                   | PIC32MX440F512H-80I/PT supplier             | PIC32MX440F512H-80I/PT price                                  |
|                                                      | PIC32MX440F512H-80I/PT download datasheet            | PIC32MX440F512H-80I/PT datasheet            | PIC32MX440F512H-80I/PT stock                                  |
| buy PIC32MX440F512H-80I/PT                           | Micrel / Microchip Technology PIC32MX440F512H-80I/PT | Microchip Technology PIC32MX440F512H-80I/PT | Roving Networks / Microchip Technology PIC32MX440F512H-80I/PT |

