

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MX775F512HT-80I/MR

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX775F512HT-80I/MR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product description | IC MCU 32BIT 512KB FLASH 64QFN <div> 1.PIC32MX775F512HT-80I/MR.pdf<div> 2.PIC32MX775F512HT-80I/MR.pdf<div> 3.PIC32MX775F512HT-80I/MR.pdf<div> 4.PIC32MX775F512HT-80I/MR.pdf</div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Stock Condition     | 12854 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

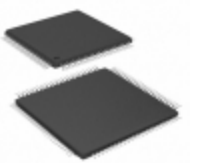
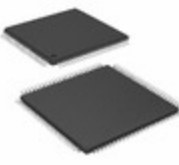
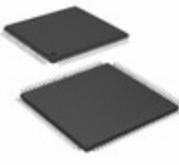
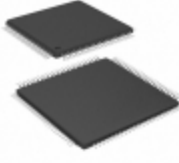
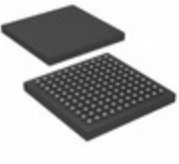
Specifications of PIC32MX775F512HT-80I/MR

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX775F512HT-80I/MR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64QFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 12854 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       | <div> 1.PIC32MX775F512HT-80I/MR.pdf<div> 2.PIC32MX775F512HT-80I/MR.pdf<div> 3.PIC32MX775F512HT-80I/MR.pdf<div> 4.PIC32MX775F512HT-80I/MR.pdf</div></div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SPEED                            | 80MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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-QFN (9x9)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB OTG                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | PIC32MX775F512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX775F512HT-80I/MR | PIC32MX775F512HT-80I/MR Distributor          | PIC32MX775F512HT-80I/MR Supplier                               |
| PIC32MX775F512HT-80I/MR Price                         | PIC32MX775F512HT-80I/MR Pictures             | PIC32MX775F512HT-80I/MR Image                                  |
| PIC32MX775F512HT-80I/MR PDF Datasheet                 | PIC32MX775F512HT-80I/MR Download Datasheet   | PIC32MX775F512HT-80I/MR Datasheet                              |
| PIC32MX775F512HT-80I/MR Stock                         | Buy PIC32MX775F512HT-80I/MR                  | Buy Micrel / Microchip Technology PIC32MX775F512HT-80I/MR      |
| Micrel / Microchip Technology PIC32MX775F512HT-80I/MR | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology PIC32MX775F512HT-80I/MR | Microchip Technology PIC32MX775F512HT-80I/MR | Roving Networks / Microchip Technology PIC32MX775F512HT-80I/MR |

Related Products

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| <div>MICROCHIP</div> <div><b>PIC32MX775F512H-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 15055 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC32MX775F512L-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 10815 pcs</div> <div>RFQ</div>          |
| <div>MICROCHIP</div> <div><b>PIC32MX775F512HT-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 15333 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>PIC32MX775F512H-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 12655 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC32MX775F512L-80I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 10648 pcs</div> <div>RFQ</div>          | <div>MICROCHIP</div> <div><b>PIC32MX775F512H-80I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 13239 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>PIC32MX775F256LT-80V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 13894 pcs</div> <div>RFQ</div>         | <div>MICROCHIP</div> <div><b>PIC32MX775F512H-80V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 12223 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>PIC32MX775F256LT-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 14487 pcs</div> <div>RFQ</div>         | <div>MICROCHIP</div> <div><b>PIC32MX775F512HT-80V/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 12553 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC32MX775F512L-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 10634 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div><b>PIC32MX775F512HT-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 11683 pcs</div> <div>RFQ</div> |