

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## PIC32MX695F512LT-80I/PT

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX695F512LT-80I/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MCU 32BIT 512KB FLASH 100TQFP                                                                                |
|                     |  1.PIC32MX695F512LT-80I/PT.pdf |
|                     |  2.PIC32MX695F512LT-80I/PT.pdf |
|                     |  3.PIC32MX695F512LT-80I/PT.pdf |
|                     |  4.PIC32MX695F512LT-80I/PT.pdf |
| Datasheets:         |                                                                                                                 |
|                     |                                                                                                                 |
|                     |                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 9210 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

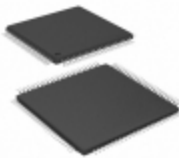
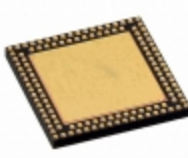
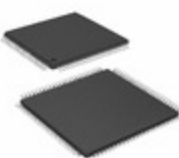
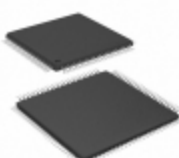
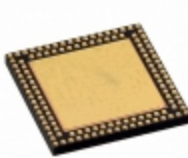
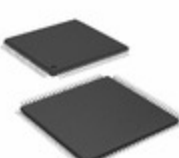
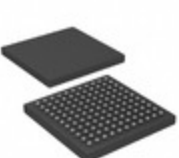
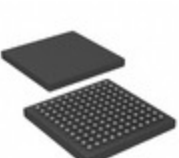
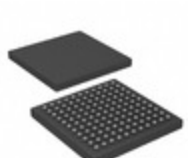
### Specifications of PIC32MX695F512LT-80I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX695F512LT-80I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 9210 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.PIC32MX695F512LT-80I/PT.pdf<br> 2.PIC32MX695F512LT-80I/PT.pdf<br> 3.PIC32MX695F512LT-80I/PT.pdf<br> 4.PIC32MX695F512LT-80I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (12x12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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                        | Cut Tape (CT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 100-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OTHER NAMES                      | PIC32MX695F512LT-80I/PTCT                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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 (12x12)                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | MIPS32® M4K™                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CONNECTIVITY                     | Ethernet, I²C, SPI, UART/USART, USB OTG                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | PIC32MX695F512                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

### Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX695F512LT-80I/PT | PIC32MX695F512LT-80I/PT Distributor          | PIC32MX695F512LT-80I/PT Supplier                               |
| PIC32MX695F512LT-80I/PT Price                         | PIC32MX695F512LT-80I/PT Pictures             | PIC32MX695F512LT-80I/PT Image                                  |
| PIC32MX695F512LT-80I/PT PDF Datasheet                 | PIC32MX695F512LT-80I/PT Download Datasheet   | PIC32MX695F512LT-80I/PT Datasheet                              |
| PIC32MX695F512LT-80I/PT Stock                         | Buy PIC32MX695F512LT-80I/PT                  | Buy Micrel / Microchip Technology PIC32MX695F512LT-80I/PT      |
| Micrel / Microchip Technology PIC32MX695F512LT-80I/PT | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology PIC32MX695F512LT-80I/PT | Microchip Technology PIC32MX695F512LT-80I/PT | Roving Networks / Microchip Technology PIC32MX695F512LT-80I/PT |

### Related Products

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|  <div><b>PIC32MX695F512LT-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 9889 pcs<br/>RFQ</div>  |  <div><b>PIC32MX695F512LT-80I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 124VTLA<br/>In stock: 10642 pcs<br/>RFQ</div> |
|  <div><b>PIC32MX695F512LT-80I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 9889 pcs<br/>RFQ</div>  |  <div><b>PIC32MX764F128H-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 18910 pcs<br/>RFQ</div>     |
|  <div><b>PIC32MX695F512L-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 10020 pcs<br/>RFQ</div>  |  <div><b>PIC32MX695F512L-80I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 124VTLA<br/>In stock: 11349 pcs<br/>RFQ</div>  |
|  <div><b>PIC32MX695F512LT-80V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 11814 pcs<br/>RFQ</div> |  <div><b>PIC32MX695F512L-80V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 8809 pcs<br/>RFQ</div>   |
|  <div><b>PIC32MX695F512LT-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 10832 pcs<br/>RFQ</div>  |  <div><b>PIC32MX764F128H-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: 18269 pcs<br/>RFQ</div>      |
|  <div><b>PIC32MX695F512L-80V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 11796 pcs<br/>RFQ</div>   |  <div><b>PIC32MX695F512LT-80V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 10430 pcs<br/>RFQ</div>  |