



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### PIC32MX795F512L-80V/PF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX795F512L-80V/PF                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 512KB FLASH 100TQFP                                                                             |
|                     | <a href="#">1.PIC32MX795F512L-80V/PF.pdf</a>                                                                 |
|                     | <a href="#">2.PIC32MX795F512L-80V/PF.pdf</a>                                                                 |
|                     | <a href="#">3.PIC32MX795F512L-80V/PF.pdf</a>                                                                 |
|                     | <a href="#">4.PIC32MX795F512L-80V/PF.pdf</a>                                                                 |
| Datasheets:         |                                                                                                              |
|                     |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 10205 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

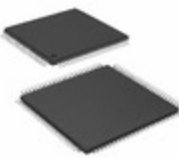
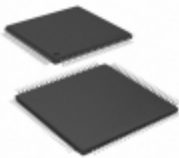
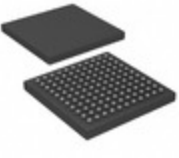
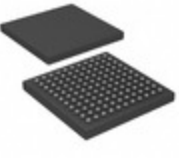
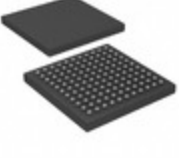
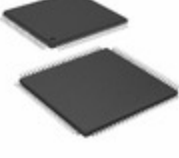
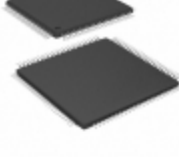
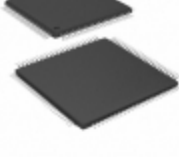
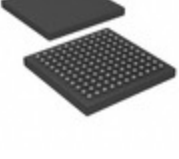
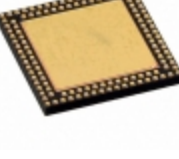
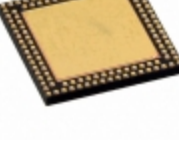
#### Specifications of PIC32MX795F512L-80V/PF

|                                  |                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX795F512L-80V/PF                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100TQFP                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 10205 pcs                                                                                                                                                                                    |
| DATA SHEET                       | <a href="#">1.PIC32MX795F512L-80V/PF.pdf</a><br><a href="#">2.PIC32MX795F512L-80V/PF.pdf</a><br><a href="#">3.PIC32MX795F512L-80V/PF.pdf</a><br><a href="#">4.PIC32MX795F512L-80V/PF.pdf</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                        | Tray                                                                                                                                                                                         |
| PACKAGE / CASE                   | 100-TQFP                                                                                                                                                                                     |
| OTHER NAMES                      | PIC32MX795F512L80VPF                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°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 (14x14)                                                                                               |
| 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                 | PIC32MX795F512                                                                                                                                                                               |

#### Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX795F512L-80V/PF | PIC32MX795F512L-80V/PF Distributor          | PIC32MX795F512L-80V/PF Supplier                               |
| PIC32MX795F512L-80V/PF Price                         | PIC32MX795F512L-80V/PF Pictures             | PIC32MX795F512L-80V/PF Image                                  |
| PIC32MX795F512L-80V/PF PDF Datasheet                 | PIC32MX795F512L-80V/PF Download Datasheet   | PIC32MX795F512L-80V/PF Datasheet                              |
| PIC32MX795F512L-80V/PF Stock                         | Buy PIC32MX795F512L-80V/PF                  | Buy Micrel / Microchip Technology PIC32MX795F512L-80V/PF      |
| Micrel / Microchip Technology PIC32MX795F512L-80V/PF | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MX795F512L-80V/PF | Microchip Technology PIC32MX795F512L-80V/PF | Roving Networks / Microchip Technology PIC32MX795F512L-80V/PF |

#### Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
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|  <div><b>PIC32MX795F512LT-80I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 12798 pcs<br/>RFQ</div> |  <div><b>PIC32MX795F512L-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 9926 pcs<br/>RFQ</div>   |
|  <div><b>PIC32MX795F512L-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 8670 pcs<br/>RFQ</div>    |  <div><b>PIC32MX795F512L-80V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 10999 pcs<br/>RFQ</div>   |
|  <div><b>PIC32MX795F512LT-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 12089 pcs<br/>RFQ</div>  |  <div><b>PIC32MX795F512L-80I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 9137 pcs<br/>RFQ</div>   |
|  <div><b>PIC32MX795F512LT-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 12683 pcs<br/>RFQ</div> |  <div><b>PIC32MX795F512L-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 10434 pcs<br/>RFQ</div>  |
|  <div><b>PIC32MX795F512LT-80V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 10980 pcs<br/>RFQ</div>  |  <div><b>PIC32MX795F512LT-80I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 124VTLA<br/>In stock: 10650 pcs<br/>RFQ</div> |
|  <div><b>PIC32MX795F512L-80I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 124VTLA<br/>In stock: 8995 pcs<br/>RFQ</div>   |  <div><b>PIC32MX795F512HT-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 11957 pcs<br/>RFQ</div>  |