



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### PIC32MX675F512L-80V/PT

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MX675F512L-80V/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 32BIT 512KB FLASH 100TQFP                                                                               |
|                     |  1.PIC32MX675F512L-80V/PT.pdf |
|                     |  2.PIC32MX675F512L-80V/PT.pdf |
|                     |  3.PIC32MX675F512L-80V/PT.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 11780 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

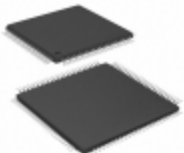
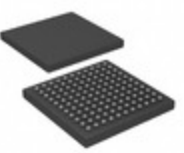
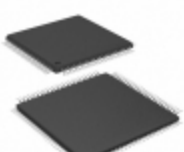
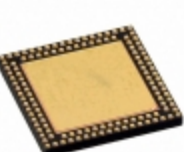
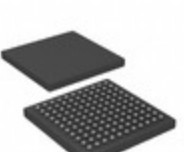
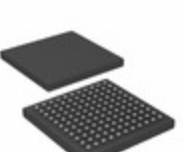
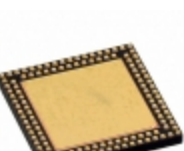
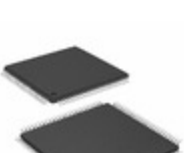
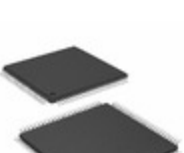
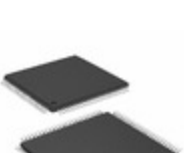
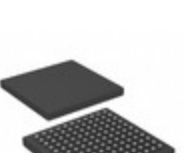
#### Specifications of PIC32MX675F512L-80V/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX675F512L-80V/PT                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100TQFP                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 11780 pcs                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.PIC32MX675F512L-80V/PT.pdf<br> 2.PIC32MX675F512L-80V/PT.pdf<br> 3.PIC32MX675F512L-80V/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                         | 64K 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                      | PIC32MX675F512L80VPT                                                                                                                                                                                                                                                                                                                                     |
| 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 (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                 | PIC32MX675F512                                                                                                                                                                                                                                                                                                                                           |

#### Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX675F512L-80V/PT | PIC32MX675F512L-80V/PT Distributor          | PIC32MX675F512L-80V/PT Supplier                               |
| PIC32MX675F512L-80V/PT Price                         | PIC32MX675F512L-80V/PT Pictures             | PIC32MX675F512L-80V/PT Image                                  |
| PIC32MX675F512L-80V/PT PDF Datasheet                 | PIC32MX675F512L-80V/PT Download Datasheet   | PIC32MX675F512L-80V/PT Datasheet                              |
| PIC32MX675F512L-80V/PT Stock                         | Buy PIC32MX675F512L-80V/PT                  | Buy Micrel / Microchip Technology PIC32MX675F512L-80V/PT      |
| Micrel / Microchip Technology PIC32MX675F512L-80V/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MX675F512L-80V/PT | Microchip Technology PIC32MX675F512L-80V/PT | Roving Networks / Microchip Technology PIC32MX675F512L-80V/PT |

#### Related Products

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|  <div><b>PIC32MX675F512L-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 11197 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC32MX675F512LT-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 14414 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC32MX675F512LT-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 13054 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MX675F512L-80I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 124VTLA<br/>In stock: 11629 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC32MX675F512LT-80V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 10825 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC32MX675F512L-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 11251 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC32MX675F512LT-80V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 11461 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MX675F512LT-80I/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 124VTLA<br/>In stock: 12678 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC32MX675F512LT-80I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 14170 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MX675F512L-80I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 9753 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC32MX675F512L-80V/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 10582 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC32MX675F512L-80V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 11210 pcs<br/><div>RFQ</div></div>   |