



PIC32MX360F512L-80I/PT

|                     |                                              |
|---------------------|----------------------------------------------|
| Part Number:        | PIC32MX360F512L-80I/PT                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                |
| Product description | IC MCU 32BIT 512KB FLASH 100TQFP             |
|                     | <a href="#">1.PIC32MX360F512L-80I/PT.pdf</a> |
|                     | <a href="#">2.PIC32MX360F512L-80I/PT.pdf</a> |
|                     | <a href="#">3.PIC32MX360F512L-80I/PT.pdf</a> |
|                     | <a href="#">4.PIC32MX360F512L-80I/PT.pdf</a> |
|                     | <a href="#">5.PIC32MX360F512L-80I/PT.pdf</a> |
|                     | <a href="#">6.PIC32MX360F512L-80I/PT.pdf</a> |
| Datasheets:         |                                              |
|                     |                                              |
| RoHs Status         | Lead free / RoHS Compliant                   |
| Stock Condition     | 16070 pcs stock                              |
| Ship From           | Hong Kong                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                        |

REQUEST FOR QUOTATION

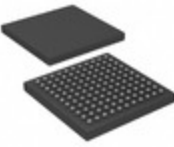
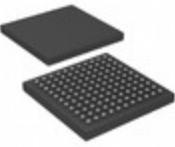
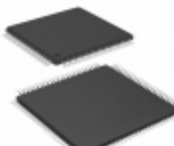
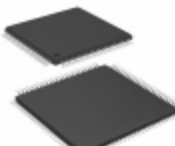
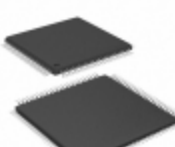
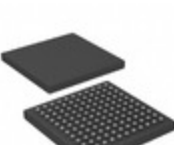
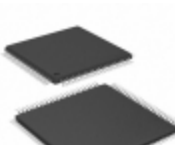
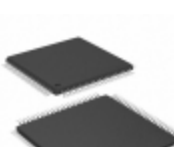
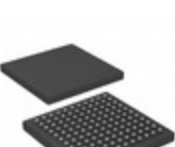
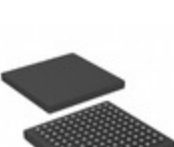
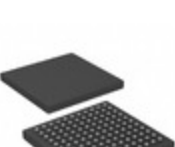
Specifications of PIC32MX360F512L-80I/PT

|                                  |                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MX360F512L-80I/PT                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100TQFP                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 16070 pcs                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       | <a href="#">1.PIC32MX360F512L-80I/PT.pdf</a><br><a href="#">2.PIC32MX360F512L-80I/PT.pdf</a><br><a href="#">3.PIC32MX360F512L-80I/PT.pdf</a><br><a href="#">4.PIC32MX360F512L-80I/PT.pdf</a><br><a href="#">5.PIC32MX360F512L-80I/PT.pdf</a><br><a href="#">6.PIC32MX360F512L-80I/PT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 3.6 V                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (12x12)                                                                                                                                                                                                                                                                             |
| 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                   | 100-TQFP                                                                                                                                                                                                                                                                                     |
| OTHER NAMES                      | PIC32MX360F512L80IPT                                                                                                                                                                                                                                                                         |
| 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                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | PIC32MX360F512                                                                                                                                                                                                                                                                               |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MX360F512L-80I/PT | PIC32MX360F512L-80I/PT Distributor          | PIC32MX360F512L-80I/PT Supplier                               |
| PIC32MX360F512L-80I/PT Price                         | PIC32MX360F512L-80I/PT Pictures             | PIC32MX360F512L-80I/PT Image                                  |
| PIC32MX360F512L-80I/PT PDF Datasheet                 | PIC32MX360F512L-80I/PT Download Datasheet   | PIC32MX360F512L-80I/PT Datasheet                              |
| PIC32MX360F512L-80I/PT Stock                         | Buy PIC32MX360F512L-80I/PT                  | Buy Micrel / Microchip Technology PIC32MX360F512L-80I/PT      |
| Micrel / Microchip Technology PIC32MX360F512L-80I/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MX360F512L-80I/PT | Microchip Technology PIC32MX360F512L-80I/PT | Roving Networks / Microchip Technology PIC32MX360F512L-80I/PT |

Related Products

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| <div></div> <div><b>PIC32MX360F512LT-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 18321 pcs<br/>RFQ</div>  | <div></div> <div><b>PIC32MX360F512LT-80V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 15213 pcs<br/>RFQ</div>  |
| <div></div> <div><b>PIC32MX360F256L-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 16127 pcs<br/>RFQ</div>  | <div></div> <div><b>PIC32MX360F512L-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 15325 pcs<br/>RFQ</div>  |
| <div></div> <div><b>PIC32MX360F256LT-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 20774 pcs<br/>RFQ</div> | <div></div> <div><b>PIC32MX360F256LT-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 19877 pcs<br/>RFQ</div> |
| <div></div> <div><b>PIC32MX360F256LT-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 121BGA<br/>In stock: 19543 pcs<br/>RFQ</div>  | <div></div> <div><b>PIC32MX360F512LT-80V/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 16372 pcs<br/>RFQ</div> |
| <div></div> <div><b>PIC32MX360F512LT-80I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 17801 pcs<br/>RFQ</div> | <div></div> <div><b>PIC32MX360F512L-80V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 12368 pcs<br/>RFQ</div>   |
| <div></div> <div><b>PIC32MX360F512L-80I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 15072 pcs<br/>RFQ</div>   | <div></div> <div><b>PIC32MX360F256LT-80V/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 121BGA<br/>In stock: 19748 pcs<br/>RFQ</div>  |

