

PIC32MX360F512L-80V/PT



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Part Number: [PIC32MX360F512L-80V/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 100TQFP

Data sheet:  [PIC32MX3xx,4xx Datasheet](#)  
 [PIC32 User Guide](#)  
 [PIC32 Microcontroller Brochure](#)  
 [PIC32MX User Guide](#)  
 [PIC32MX3zz,PIC32MX4zz Family Errata & DataSheet CI](#)  
 [PIC32MX Flash Programming Spec](#)

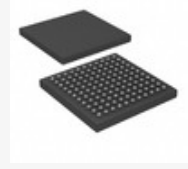
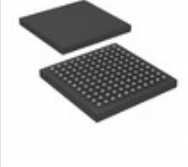
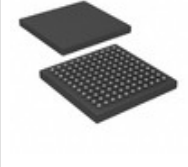
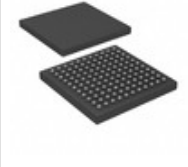
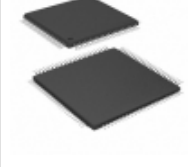
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            |                                  |                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC32MX360F512L-80V/PT                     | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 32BIT 512KB FLASH 100TQFP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 17408 pcs                                  | Data sheet                       | <a href="#">PIC32MX3xx,4xx Datasheet</a><br><a href="#">PIC32 User Guide</a><br><a href="#">PIC32 Microcontroller Brochure</a><br><a href="#">PIC32MX User Guide</a><br><a href="#">PIC32MX3zz,PIC32MX4zz Family Errata &amp; DataSheet CI</a><br><a href="#">PIC32MX Flash Programming Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</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                      | PIC32MX360F512L80VPT                                                                                                                                                                                                                                                                             |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Internal                                   | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                                                                                                                                                                                                               |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 85                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9 Weeks                                    | 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                             |                                  |                                                                                                                                                                                                                                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 17408 pieces of Micrel / Microchip Technology PIC32MX360F512L-80V/PT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                            |                                  |                                                                                                                                                                                                                                                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                                 |                                                              |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PIC32MX370F512H-I/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 64TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX360F256LT-80V/BG</a><br>Description: IC MCU 32BIT 256KB FLASH 121BGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX360F512L-80V/BG</a><br>Description: IC MCU 32BIT 512KB FLASH 121BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX360F256LT-80V/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX360F512LT-80V/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX370F512H-V/MR</a><br>Description: IC MCU 32BIT 512KB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX360F512L-80I/BG</a><br>Description: IC MCU 32BIT 512KB FLASH 121BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX360F256L-80I/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX360F256L-80V/BG</a><br>Description: IC MCU 32BIT 256KB FLASH 121BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PIC32MX360F512LT-80I/BG</a><br>Description: IC MCU 32BIT 512KB FLASH 121BGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX370F512HT-I/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX360F256LT-80I/BG</a><br>Description: IC MCU 32BIT 256KB FLASH 121BGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX370F512HT-I/MR</a><br>Description: IC MCU 32BIT 512KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX360F256L-80V/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX360F512LT-80I/PT</a><br>Description: IC MCU 32BIT 512KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

Related keywords for PIC32MX360F512L-80V/PT

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