

PIC32MX120F032C-I/TL



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**Part Number:** [PIC32MX120F032C-I/TL](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 32BIT 32KB FLASH 36VTLA

**Data sheet:**  [PIC32MX1xx/2xx](#)  
 [PIC32MXxx0F016x,032 Errata](#)  
 [PIC32 Microcontroller Brochure](#)

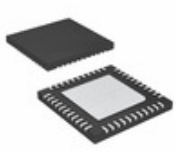
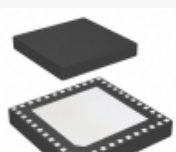
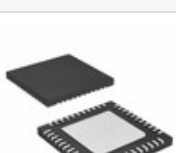
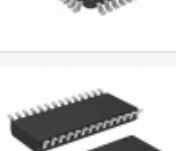
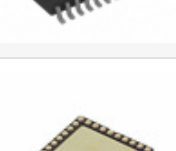
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                              |                                  |                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC32MX120F032C-I/TL                                         | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 32BIT 32KB FLASH 36VTLA                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 44673 pcs                                                    | Data sheet                       | <a href="#">PIC32MX1xx/2xx</a><br><a href="#">PIC32MXxx0F016x,032 Errata</a><br><a href="#">PIC32 Microcontroller Brochure</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                    | Voltage - Supply (Vcc/Vdd)       | 2.3 V ~ 3.6 V                                                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 36-VTLA (5x5)                                                | Speed                            | 40MHz                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PIC® 32MX                                                    | RAM Size                         | 8K x 8                                                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                                        | Program Memory Size              | 32KB (32K x 8)                                                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT | Packaging                        | Tube                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 36-VFTLA Exposed Pad                                         | Other Names                      | PIC32MX120F032CITL                                                                                                             |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                                     | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 25                                                           | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5 Weeks                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                     |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                            | Detailed Description             | MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 40MHz 32KB (32K x 8) FLASH 36-VTLA (5x5)                                      |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A/D 12x10b                                                   | Core Size                        | 32-Bit                                                                                                                         |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MIPS32® M4K™                                                 | Connectivity                     | I <sup>2</sup> C, IrDA, LINbus, PMP, SPI, UART/USART                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC32MX120F032C                                              |                                  |                                                                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                              |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
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|  | Part#: <a href="#">PIC32MX120F032BT-I/SO</a><br>Description: IC MCU 32BIT 32KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032BT-50/SS</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032D-50/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 44VTLA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032BT-50/SO</a><br>Description: IC MCU 32BIT 32KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032CT-50/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 36VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032D-50/ML</a><br>Description: IC MCU 32BIT 32KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032C-50/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 36VTLA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032D-I/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 44VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032C-V/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 36VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032D-I/PT</a><br>Description: IC MCU 32BIT 32KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032CT-V/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 36VTLA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032D-50/PT</a><br>Description: IC MCU 32BIT 32KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC32MX120F032BT-V/SO</a><br>Description: IC MCU 32BIT 32KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PIC32MX120F032BT-I/SS</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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Related keywords for PIC32MX120F032C-I/TL

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