

PIC32MX220F032DT-50I/ML





Part Number: [PIC32MX220F032DT-50I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 32KB FLASH 44QFN

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

RoHs Status: Lead free / RoHS Compliant

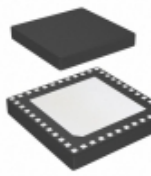
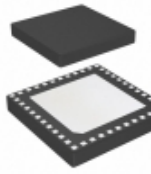
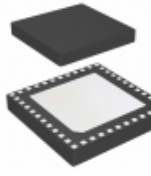
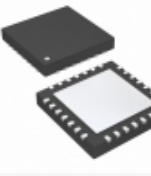
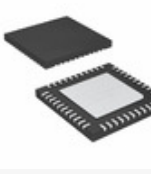
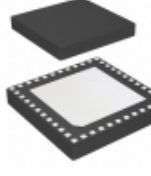
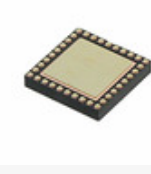
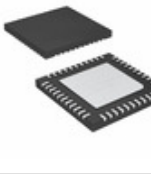
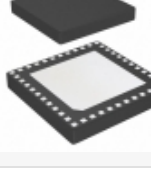
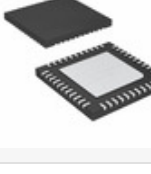
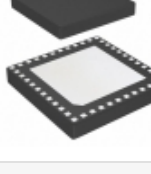
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |                                |                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC32MX220F032DT-50I/ML                         | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 32BIT 32KB FLASH 44QFN                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 35581 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 44-QFN (8x8)                                    | Speed                          | 50MHz                                                                                                                          |
| 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, I²S, POR, PWM, WDT | Packaging                      | Tape & Reel (TR)                                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 44-VQFN Exposed Pad                             | Oscillator Type                | Internal                                                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 85°C (TA)                               | Number of I/O                  | 33                                                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 (Unlimited)                                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                     |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                               | Detailed Description           | MIPS32® M4K™ PIC® 32MX Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 44-QFN (8x8)                                       |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A/D 13x10b                                      | Core Size                      | 32-Bit                                                                                                                         |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MIPS32® M4K™                                    | Connectivity                   | I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG                                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC32MX220F032                                  |                                |                                                                                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 35581 pieces of Micrel / Microchip Technology PIC32MX220F032DT-50I/ML 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="#">PIC32MX220F032D-I/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 44VTLA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX220F032DT-V/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 44VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX220F032D-50I/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 44VTLA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX230F064B-I/ML</a><br>Description: IC MCU 32BIT 64KB FLASH 28QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX230F064B-I/SO</a><br>Description: IC MCU 32BIT 64KB FLASH 28SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX220F032D-I/ML</a><br>Description: IC MCU 32BIT 32KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX220F032DT-50I/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 44VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX220F032CT-V/TL</a><br>Description: IC MCU 32BIT 32KB FLASH 36VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX220F032DT-50I/PT</a><br>Description: IC MCU 32BIT 32KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC32MX220F032D-V/ML</a><br>Description: IC MCU 32BIT 32KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC32MX220F032DT-I/PT</a><br>Description: IC MCU 32BIT 32KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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