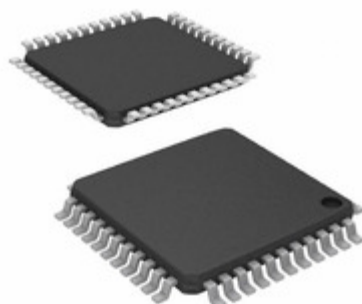


PIC32MX274F256DT-V/PT





Part Number: [PIC32MX274F256DT-V/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH

Data sheet:  [PIC32MX1xx,2xx XLP Family Datasheet](#)  
 [PIC32MX1xx,2xx XLP Errata](#)

RoHs Status: Lead free / RoHS Compliant

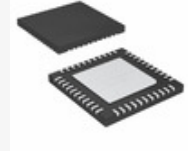
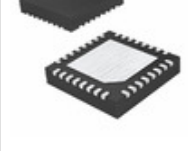
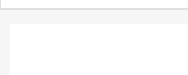
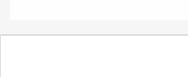
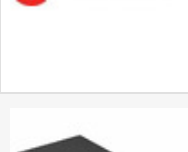
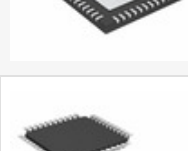
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC32MX274F256DT-V/PT                                 | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 32BIT 256KB FLASH                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 25927 pcs                                             | Data sheet                       | <a href="#">PIC32MX1xx,2xx XLP Family Datasheet</a><br><a href="#">PIC32MX1xx,2xx XLP Errata</a>                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>             | Voltage - Supply (Vcc/Vdd)       | 2.5 V ~ 3.6 V                                                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 44-TQFP (10x10)                                       | Speed                            | 72MHz                                                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Automotive, AEC-Q100, PIC® XLP™ 32MX                  | RAM Size                         | 64K x 8                                                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                 | Program Memory Size              | 256KB (256K x 8)                                                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, DMA, HLVD, I²S, POR, PWM, WDT | Packaging                        | Cut Tape (CT)                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44-TQFP                                               | Other Names                      | PIC32MX274F256DT-V/PTCT                                                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Internal                                              | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                                       |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 34                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10 Weeks                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                               |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                     | Detailed Description             | MIPS32® M4K™ Automotive, AEC-Q100, PIC® XLP™ 32MX Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 44-TQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 13x10b                                            | Core Size                        | 32-Bit                                                                                                                   |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MIPS32® M4K™                                          | Connectivity                     | I²C, IrDA, LINbus, PMP, SPI, UART/USART, USB OTG                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC32MX320F032HT-40V/MR</a><br>Description: IC MCU 32BIT 32KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX320F032H-40V/MR</a><br>Description: IC MCU 32BIT 32KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX320F032H-40I/PT</a><br>Description: IC MCU 32BIT 32KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX274F256D-V/ML</a><br>Description: IC MCU 32BIT 256KB FLASH          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX274F256BT-V/MM</a><br>Description: IC MCU 32BIT 256KB FLASH         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX320F032H-40I/MR</a><br>Description: IC MCU 32BIT 32KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX274F256D-V/PT</a><br>Description: IC MCU 32BIT 256KB FLASH          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX320F032HT-40I/MR</a><br>Description: IC MCU 32BIT 32KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX274F256DT-V/ML</a><br>Description: IC MCU 32BIT 256KB FLASH         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX320F064H-40I/PT</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX274F256BT-I/SO</a><br>Description: IC MCU 32BIT 256KB FLASH         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX274F256D-I/PT</a><br>Description: IC MCU 32BIT 256KB FLASH          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX320F064H-40I/MR</a><br>Description: IC MCU 32BIT 64KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX274F256D-I/ML</a><br>Description: IC MCU 32BIT 256KB FLASH          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX274F256DT-I/PT</a><br>Description: IC MCU 32BIT 256KB FLASH         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX274F256DT-I/ML</a><br>Description: IC MCU 32BIT 256KB FLASH         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX320F032HT-40V/PT</a><br>Description: IC MCU 32BIT 32KB FLASH 64TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX320F032HT-40I/PT</a><br>Description: IC MCU 32BIT 32KB FLASH 64TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX320F032H-40V/PT</a><br>Description: IC MCU 32BIT 32KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX274F256BT-V/SO</a><br>Description: IC MCU 32BIT 256KB FLASH         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for PIC32MX274F256DT-V/PT

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