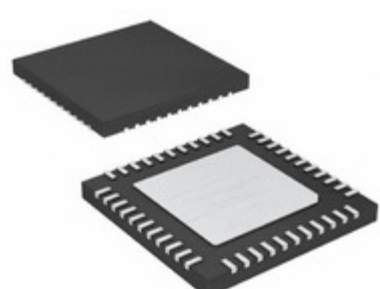


PIC32MX130F256DT-50I/ML





Part Number: [PIC32MX130F256DT-50I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 44QFN

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

RoHs Status: Lead free / RoHS Compliant

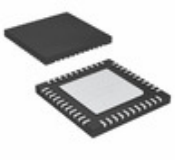
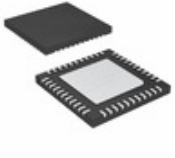
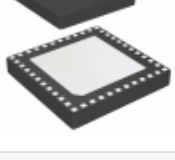
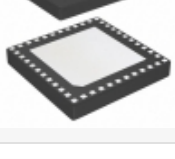
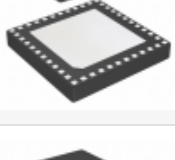
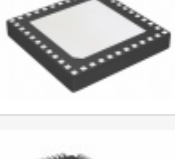
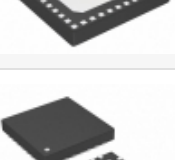
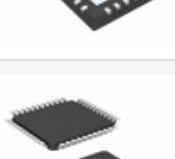
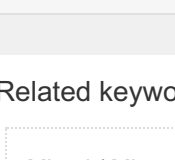
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy PIC32MX130F256DT-50I/ML with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                            |                                 |                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC32MX130F256DT-50I/ML                                                                    | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 32BIT 256KB FLASH 44QFN                                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 37304 pcs                                                                                  | Data sheet                      | <a href="#">PIC32MX1xx/2xx</a><br><a href="#">PIC32MXxx0F016x,032 Errata</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                        | 16K x 8                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FLASH                                                                                      | Program Memory Size             | 256KB (256K x 8)                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, 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                   | 35                                                                           |
| 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 50MHz 256KB (256K x 8) FLASH 44-QFN (8x8) | Data Converters                 | A/D 13x10b                                                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32-Bit                                                                                     | Core Processor                  | MIPS32® M4K™                                                                 |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | I <sup>2</sup> C, IrDA, LINbus, PMP, SPI, UART/USART                                       | Base Part Number                | PIC32MX130F256                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC32MX130F256D-V/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256D-I/ML</a><br>Description: IC MCU 32BIT 256KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256D-50I/ML</a><br>Description: IC MCU 32BIT 256KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256BT-V/SS</a><br>Description: IC MCU 32BIT 256KB FLASH 28SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256DT-50I/TL</a><br>Description: IC MCU 32BIT 256KB FLASH 44VTLA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256D-I/TL</a><br>Description: IC MCU 32BIT 256KB FLASH 44VTLA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256DT-I/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256DT-I/TL</a><br>Description: IC MCU 32BIT 256KB FLASH 44VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256DT-V/TL</a><br>Description: IC MCU 32BIT 256KB FLASH 44VTLA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256DT-50I/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX150F128B-50I/SO</a><br>Description: IC MCU 32BIT 128KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256D-50I/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256D-V/ML</a><br>Description: IC MCU 32BIT 256KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256D-V/TL</a><br>Description: IC MCU 32BIT 256KB FLASH 44VTLA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX150F128B-50I/ML</a><br>Description: IC MCU 32BIT 128KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256D-I/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256DT-V/ML</a><br>Description: IC MCU 32BIT 256KB FLASH 44QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256DT-I/ML</a><br>Description: IC MCU 32BIT 256KB FLASH 44QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256DT-V/PT</a><br>Description: IC MCU 32BIT 256KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MX130F256D-50I/TL</a><br>Description: IC MCU 32BIT 256KB FLASH 44VTLA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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