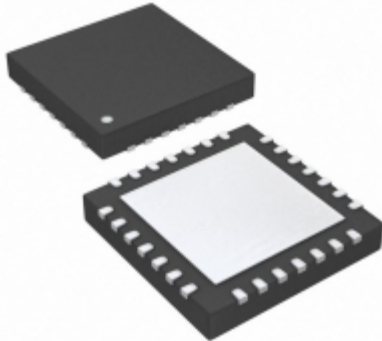


PIC18F25K42T-I/ML





Part Number: [PIC18F25K42T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 28QFN

Data sheet:  [PIC18\(L\)F24,25K42 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

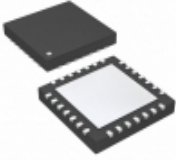
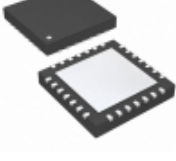
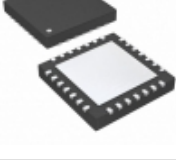
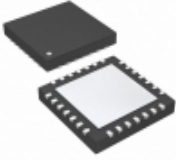
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                  |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18F25K42T-I/ML                                | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 32KB FLASH 28QFN                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 61499 pcs                                        | Data sheet                       | <a href="#">PIC18(L)F24,25K42 Datasheet</a>                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>        | Voltage - Supply (Vcc/Vdd)       | 2.3 V ~ 5.5 V                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-QFN (6x6)                                     | Speed                            | 64MHz                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® XLP™ 18K                                    | RAM Size                         | 2K x 8                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                            | Program Memory Size              | 32KB (16K x 16)                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT | Packaging                        | Tape & Reel (TR)                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 28-VQFN Exposed Pad                              | Other Names                      | PIC18F25K42T-I/ML-ND<br>PIC18F25K42T-I/MLTR                                         |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                         | Operating Temperature            | -40°C ~ 85°C (TA)                                                                   |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 25                                               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10 Weeks                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 256 x 8                                          | Detailed Description             | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 32KB (16K x 16) FLASH 28-QFN (6x6) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 24x12b, D/A 1x5b                             | Core Size                        | 8-Bit                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC                                              | Connectivity                     | I²C, LINbus, SPI, UART/USART                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18F25K50-I/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F25K42-I/SO</a><br>Description: IC MCU 8BIT 32KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F25K42-I/SS</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F25K42T-I/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 28UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F25K42-E/SP</a><br>Description: IC MCU 8BIT 32KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F25K42-E/SS</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F25K50-E/SS</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F25K50-I/SP</a><br>Description: IC MCU 8BIT 32KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F25K42-E/SO</a><br>Description: IC MCU 8BIT 32KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F25K42T-I/SS</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC18F25K42T-I/ML

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