



Micrel / Microchip Technology

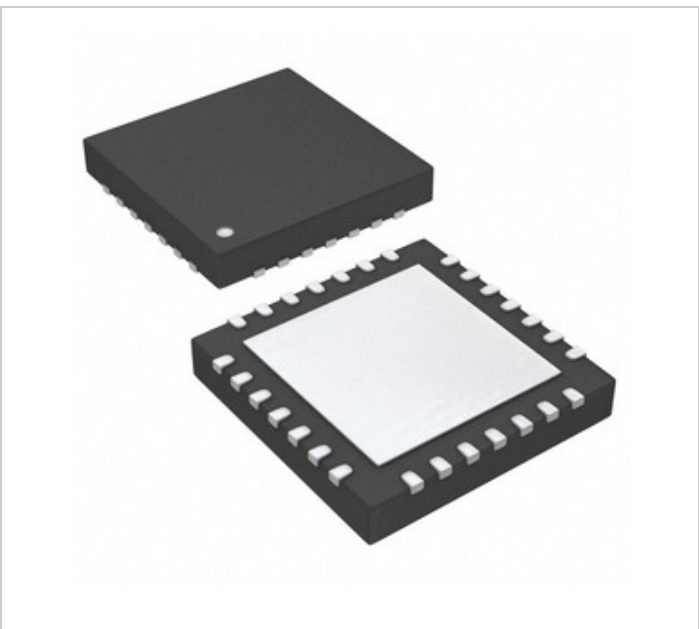


Image may be representation. See specifications for product details.

PIC18F25K42-E/ML

|                     |                                                                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F25K42-E/ML                                                                                                                                                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                   |
| Product description | IC MCU 8BIT 32KB FLASH 28QFN                                                                                                                                                                                                                    |
| Datasheets:         | <div><div>1.PIC18F25K42-E/ML.pdf</div><div>2.PIC18F25K42-E/ML.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                          |
| Stock Condition     | 71942 pcs stock                                                                                                                                                                                                                                 |
| Ship From           | Hong Kong                                                                                                                                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                           |

REQUEST FOR QUOTATION

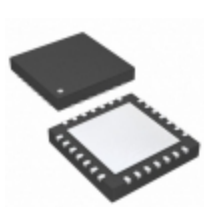
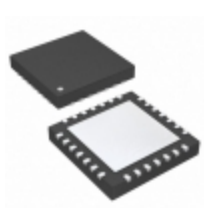
Specifications of PIC18F25K42-E/ML

|                                  |                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F25K42-E/ML                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 28QFN                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 71942 pcs                                                                                                                                                                                                                                           |
| DATA SHEET                       | <div><div>1.PIC18F25K42-E/ML.pdf</div><div>2.PIC18F25K42-E/ML.pdf</div></div> |
| 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                        | Tube                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 28-VQFN Exposed Pad                                                                                                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                       |
| 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                                                                                                                                                                                                                        |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18F25K42-E/ML | PIC18F25K42-E/ML Distributor           | PIC18F25K42-E/ML Supplier                               |
| PIC18F25K42-E/ML Price                         | PIC18F25K42-E/ML Pictures              | PIC18F25K42-E/ML Image                                  |
| PIC18F25K42-E/ML PDF Datasheet                 | PIC18F25K42-E/ML Download Datasheet    | PIC18F25K42-E/ML Datasheet                              |
| PIC18F25K42-E/ML Stock                         | Buy PIC18F25K42-E/ML                   | Buy Micrel / Microchip Technology PIC18F25K42-E/ML      |
| Micrel / Microchip Technology PIC18F25K42-E/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18F25K42-E/ML | Microchip Technology PIC18F25K42-E/ML  | Roving Networks / Microchip Technology PIC18F25K42-E/ML |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                               |
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| <div></div> <div><b>PIC18F25K40T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 80481 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC18F25K40T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SSOP<br/>In stock: 78172 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC18F25K42-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 62390 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>PIC18F25K42-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SDIP<br/>In stock: 55440 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC18F25K40-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SDIP<br/>In stock: 51911 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC18F25K42-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 56929 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC18F25K40T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28UQFN<br/>In stock: 72834 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PIC18F25K40-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SSOP<br/>In stock: 68030 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC18F25K42-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28UQFN<br/>In stock: 67981 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC18F25K42-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SSOP<br/>In stock: 73381 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC18F25K42-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28UQFN<br/>In stock: 56758 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC18F25K40T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 83496 pcs<br/><div>RFQ</div></div> |