



Micrel / Microchip Technology



PIC18LF45K42-I/P

|                     |                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18LF45K42-I/P                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                   |
| Product description | IC MCU 8BIT 32KB FLASH 40DIP                                                                    |
| Datasheets:         | <div><div>PDF</div>1.PIC18LF45K42-I/P.pdf</div> <div><div>PDF</div>2.PIC18LF45K42-I/P.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                            |
| Stock Condition     | 48073 pcs stock                                                                                 |
| Ship From           | Hong Kong                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                           |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

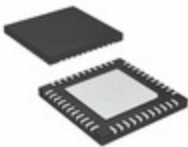
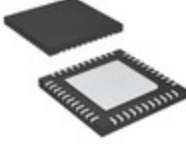
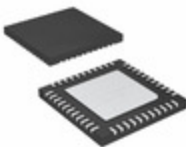
Specifications of PIC18LF45K42-I/P

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LF45K42-I/P                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 40DIP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE               | 48073 pcs                                                                                       |
| DATA SHEET                       | <div><div>PDF</div>1.PIC18LF45K42-I/P.pdf</div> <div><div>PDF</div>2.PIC18LF45K42-I/P.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                         |
| 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                   | 40-DIP (0.600", 15.24mm)                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                               |
| NUMBER OF I/O                    | 36                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | Not Applicable                                                                                  |
| 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 40-PDIP                  |
| DATA CONVERTERS                  | A/D 35x12b, D/A 1x5b                                                                            |
| CORE SIZE                        | 8-Bit                                                                                           |
| CORE PROCESSOR                   | PIC                                                                                             |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                    |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18LF45K42-I/P | PIC18LF45K42-I/P Distributor           | PIC18LF45K42-I/P Supplier                               |
| PIC18LF45K42-I/P Price                         | PIC18LF45K42-I/P Pictures              | PIC18LF45K42-I/P Image                                  |
| PIC18LF45K42-I/P PDF Datasheet                 | PIC18LF45K42-I/P Download Datasheet    | PIC18LF45K42-I/P Datasheet                              |
| PIC18LF45K42-I/P Stock                         | Buy PIC18LF45K42-I/P                   | Buy Micrel / Microchip Technology PIC18LF45K42-I/P      |
| Micrel / Microchip Technology PIC18LF45K42-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18LF45K42-I/P | Microchip Technology PIC18LF45K42-I/P  | Roving Networks / Microchip Technology PIC18LF45K42-I/P |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
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| <div><div><b>PIC18LF45K42-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 53520 pcs</div><div>RFQ</div></div>      | <div><div><b>PIC18LF45K42-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40UQFN<br/>In stock: 50199 pcs</div><div>RFQ</div></div>     |
| <div><div><b>PIC18LF45K50-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 32967 pcs</div><div>RFQ</div></div>       | <div><div><b>PIC18LF45K42T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32KB FLASH, 2KB RAM, 256B EEPROM<br/>In stock: 62464 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC18LF45K42-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32KB FLASH, 2KB RAM, 256B EEPROM<br/>In stock: 45506 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC18LF45K42-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 50617 pcs</div><div>RFQ</div></div>      |
| <div><div><b>PIC18LF45K42T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32KB FLASH, 2KB RAM, 256B EEPROM<br/>In stock: 43039 pcs</div><div>RFQ</div></div> | <div><div><b>PIC18LF45K42T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32KB FLASH, 2KB RAM, 256B EEPROM<br/>In stock: 53924 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC18LF45K42-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40UQFN<br/>In stock: 52725 pcs</div><div>RFQ</div></div>     | <div><div><b>PIC18LF45K42-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32KB FLASH, 2KB RAM, 256B EEPROM<br/>In stock: 55608 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC18LF45K42-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 34565 pcs</div><div>RFQ</div></div>       | <div><div><b>PIC18LF45K50-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40UQFN<br/>In stock: 36719 pcs</div><div>RFQ</div></div>     |