

PIC18F45K42-I/P



Part Number: [PIC18F45K42-I/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 40DIP

Data sheet:  [PIC18\(L\)F26 to 56K42 Errata](#)  
 [PIC18\(L\)F26 to 57K42 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

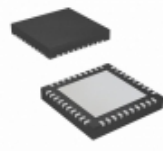
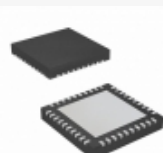
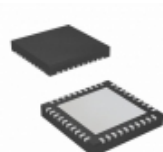
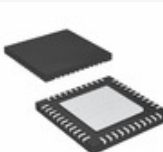
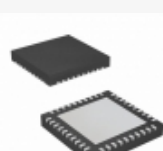
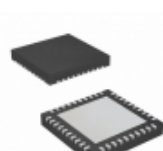
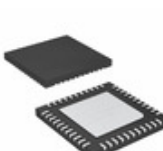
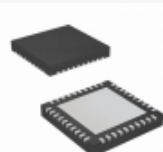
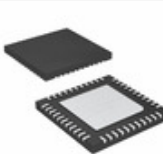
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy PIC18F45K42-I/P with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                |                                                                                |                                 |                                                                                               |
|----------------------------------|--------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                      | PIC18F45K42-I/P                                                                | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                 |
| Description                      | IC MCU 8BIT 32KB FLASH 40DIP                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                    |
| Quantity Available               | 53541 pcs                                                                      | Data sheet                      | <a href="#">PIC18(L)F26 to 56K42 Errata</a><br><a href="#">PIC18(L)F26 to 57K42 Datasheet</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>                                      | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 5.5 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                                                                 | Manufacturer Standard Lead Time | 5 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 40-PDIP | Data Converters                 | A/D 35x12b, D/A 1x5b                                                                          |
| Core Size                        | 8-Bit                                                                          | Core Processor                  | PIC                                                                                           |
| Connectivity                     | I²C, LINbus, SPI, UART/USART                                                   |                                 |                                                                                               |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 53541 pieces of Micrel / Microchip Technology PIC18F45K42-I/P in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18F45K50-I/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 40UQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42-E/PT</a><br>Description: 32KB FLASH, 2KB RAM, 256B EEPROM  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K40T-I/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K50-E/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42-E/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K40-I/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K50-E/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42-E/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 40UQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K50-E/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 40UQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K40T-I/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K50-I/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42T-I/MV</a><br>Description: 32KB FLASH, 2KB RAM, 256B EEPROM | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K40T-I/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 40UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42T-I/ML</a><br>Description: 32KB FLASH, 2KB RAM, 256B EEPROM | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42-I/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K50-I/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42T-I/PT</a><br>Description: 32KB FLASH, 2KB RAM, 256B EEPROM | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42-I/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 40UQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42-I/PT</a><br>Description: 32KB FLASH, 2KB RAM, 256B EEPROM  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F45K42-E/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for PIC18F45K42-I/P

|                                               |                                      |                                        |                       |
|-----------------------------------------------|--------------------------------------|----------------------------------------|-----------------------|
| Micrel / Microchip Technology PIC18F45K42-I/P | PIC18F45K42-I/P distributor          | PIC18F45K42-I/P supplier               | PIC18F45K42-I/P price |
| PIC18F45K42-I/P download datasheet            | PIC18F45K42-I/P datasheet            | PIC18F45K42-I/P stock                  | buy PIC18F45K42-I/P   |
| Micrel / Microchip Technology PIC18F45K42-I/P | Microchip Technology PIC18F45K42-I/P | Roving Networks / Microchip Technology |                       |
|                                               |                                      | PIC18F45K42-I/P                        |                       |