



Micrel / Microchip Technology



PIC18F47K42-I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F47K42-I/P                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 128KB FLASH 40DIP                                                                                |
|                     |  1.PIC18F47K42-I/P.pdf      |
|                     |  2.PIC18F47K42-I/P.pdf      |
|                     |  3.PIC18F47K42-I/P.pdf      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 39361 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

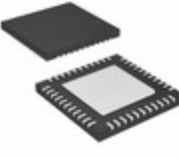
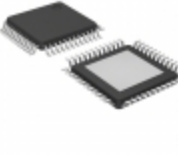
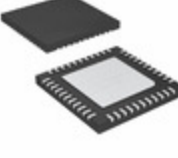
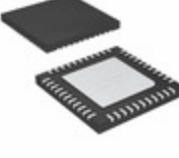
Specifications of PIC18F47K42-I/P

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F47K42-I/P                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 40DIP                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 39361 pcs                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.PIC18F47K42-I/P.pdf<br> 2.PIC18F47K42-I/P.pdf<br> 3.PIC18F47K42-I/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                                                                                                                                                                                                                                             |
| SPEED                            | 64MHz                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | PIC® XLP™ 18F                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 128KB (64K 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) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| EEPROM SIZE                      | 1K x 8                                                                                                                                                                                                                                                                                                                              |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 18F Microcontroller IC 8-Bit 64MHz 128KB (64K 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 PIC18F47K42-I/P | PIC18F47K42-I/P Distributor            | PIC18F47K42-I/P Supplier                               |
| PIC18F47K42-I/P Price                         | PIC18F47K42-I/P Pictures               | PIC18F47K42-I/P Image                                  |
| PIC18F47K42-I/P PDF Datasheet                 | PIC18F47K42-I/P Download Datasheet     | PIC18F47K42-I/P Datasheet                              |
| PIC18F47K42-I/P Stock                         | Buy PIC18F47K42-I/P                    | Buy Micrel / Microchip Technology PIC18F47K42-I/P      |
| Micrel / Microchip Technology PIC18F47K42-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18F47K42-I/P | Microchip Technology PIC18F47K42-I/P   | Roving Networks / Microchip Technology PIC18F47K42-I/P |

Related Products

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|  <div><b>PIC18F47K42-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 44TQFP<br/>In stock: 33877 pcs</div> <div>RFQ</div>   |  <div><b>PIC18F47K42-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 44TQFP<br/>In stock: 39447 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC18F47K42-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 40UQFN<br/>In stock: 42037 pcs</div> <div>RFQ</div>   |  <div><b>PIC18F47K42-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 40DIP<br/>In stock: 34095 pcs</div> <div>RFQ</div>    |
|  <div><b>PIC18F55K42-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32KB FLASH, 2KB RAM, 256B EEPROM<br/>In stock: 42700 pcs</div> <div>RFQ</div> |  <div><b>PIC18F47K42-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 44QFN<br/>In stock: 42019 pcs</div> <div>RFQ</div>   |
|  <div><b>PIC18F47K42-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 40UQFN<br/>In stock: 37441 pcs</div> <div>RFQ</div>   |  <div><b>PIC18F47K42T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 40UQFN<br/>In stock: 47358 pcs</div> <div>RFQ</div> |
|  <div><b>PIC18F55K42-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH, 2KB RAM<br/>In stock: 46085 pcs</div> <div>RFQ</div>                   |  <div><b>PIC18F47K42T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 44TQFP<br/>In stock: 45348 pcs</div> <div>RFQ</div> |
|  <div><b>PIC18F47K42-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 44QFN<br/>In stock: 45526 pcs</div> <div>RFQ</div>    |  <div><b>PIC18F47K42T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 44QFN<br/>In stock: 53171 pcs</div> <div>RFQ</div>  |