

MICROCHIP

Micrel / Microchip Technology

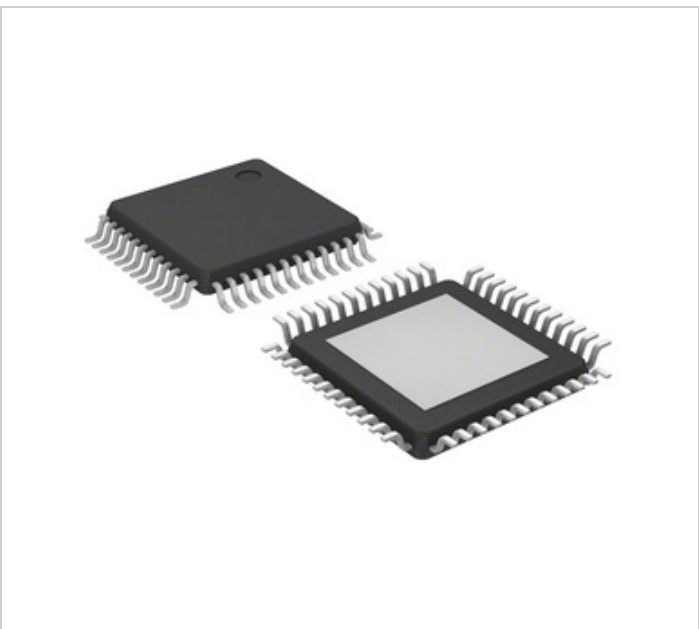


Image may be representation. See specifications for product details.

PIC18LF56K42T-I/PT

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18LF56K42T-I/PT                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                            |
| Product description | FLASH, 4KB RAM                                                                                                           |
| Datasheets:         |  <a href="#">PIC18LF56K42T-I/PT.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant             |
| Stock Condition     | 48236 pcs stock                                                                                                          |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

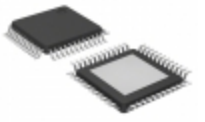
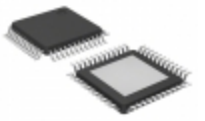
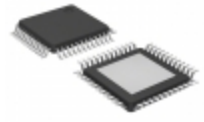
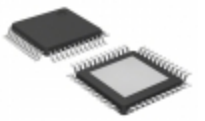
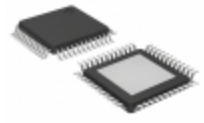
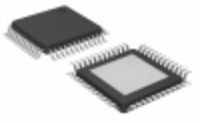
Specifications of PIC18LF56K42T-I/PT

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LF56K42T-I/PT                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                              |
| DESCRIPTION                      | FLASH, 4KB RAM                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| QUANTITY AVAILABLE               | 48236 pcs                                                                                                                  |
| DATA SHEET                       |  <a href="#">PIC18LF56K42T-I/PT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP-EP (7x7)                                                                                                           |
| SPEED                            | 64MHz                                                                                                                      |
| SERIES                           | PIC® XLP™ 18K                                                                                                              |
| RAM SIZE                         | 4K x 8                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                      |
| PROGRAM MEMORY SIZE              | 64KB (32K x 16)                                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                                           |
| PACKAGE / CASE                   | 48-TQFP Exposed Pad                                                                                                        |
| OTHER NAMES                      | PIC18LF56K42T-I/PT-TR                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                          |
| NUMBER OF I/O                    | 44                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| EEPROM SIZE                      | 1K x 8                                                                                                                     |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 64KB (32K x 16) FLASH 48-TQFP-EP (7x7)                                    |
| DATA CONVERTERS                  | A/D 43x12b, D/A 1x5b                                                                                                       |
| CORE SIZE                        | 8-Bit                                                                                                                      |
| CORE PROCESSOR                   | PIC                                                                                                                        |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                               |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology PIC18LF56K42T-I/PT | PIC18LF56K42T-I/PT Distributor          | PIC18LF56K42T-I/PT Supplier                               |
| PIC18LF56K42T-I/PT Price                         | PIC18LF56K42T-I/PT Pictures             | PIC18LF56K42T-I/PT Image                                  |
| PIC18LF56K42T-I/PT PDF Datasheet                 | PIC18LF56K42T-I/PT Download Datasheet   | PIC18LF56K42T-I/PT Datasheet                              |
| PIC18LF56K42T-I/PT Stock                         | Buy PIC18LF56K42T-I/PT                  | Buy Micrel / Microchip Technology PIC18LF56K42T-I/PT      |
| Micrel / Microchip Technology PIC18LF56K42T-I/PT | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology PIC18LF56K42T-I/PT | Microchip Technology PIC18LF56K42T-I/PT | Roving Networks / Microchip Technology PIC18LF56K42T-I/PT |

Related Products

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                        |
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| <div>MICROCHIP</div> <div><b>PIC18LF57K42-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 48UQFN<br/>In stock: 43470 pcs</div> <div>RFQ</div>   | <div></div> <div><b>PIC18LF56K42-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH, 4KB RAM<br/>In stock: 41811 pcs</div> <div>RFQ</div>                             |
| <div>MICROCHIP</div> <div><b>PIC18LF56K42-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 64KB FLASH, 4KB RAM, 256B EEPROM<br/>In stock: 44157 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>PIC18LF57K42T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 48UQFN<br/>In stock: 47120 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>PIC18LF56K42-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 64KB FLASH, 4KB RAM, 256B EEPROM<br/>In stock: 37258 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC18LF57K42-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 48TQFP<br/>In stock: 41249 pcs</div> <div>RFQ</div>             |
| <div></div> <div><b>PIC18LF55K42T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH, 2KB RAM<br/>In stock: 50250 pcs</div> <div>RFQ</div>                           | <div>MICROCHIP</div> <div><b>PIC18LF56K42T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 64KB FLASH, 4KB RAM, 256B EEPROM<br/>In stock: 51145 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>PIC18LF57K42-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 48UQFN<br/>In stock: 41069 pcs</div> <div>RFQ</div>   | <div></div> <div><b>PIC18LF56K42-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH, 4KB RAM<br/>In stock: 44841 pcs</div> <div>RFQ</div>                             |
| <div></div> <div><b>PIC18LF57K42-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 48TQFP<br/>In stock: 38171 pcs</div> <div>RFQ</div>            | <div></div> <div><b>PIC18LF57K42T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 48TQFP<br/>In stock: 36901 pcs</div> <div>RFQ</div>            |