

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18LF24K50T-I/SO

|                     |                                                                                                                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18LF24K50T-I/SO                                                                                                                                                                                                                                                                                                                     |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| Product description | IC MCU 8BIT 16KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                          |
| Datasheets:         |  1.PIC18LF24K50T-I/SO.pdf<br> 2.PIC18LF24K50T-I/SO.pdf<br> 3.PIC18LF24K50T-I/SO.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                           |
| Stock Condition     | 44111 pcs stock                                                                                                                                                                                                                                                                                                                        |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                  |

REQUEST FOR QUOTATION

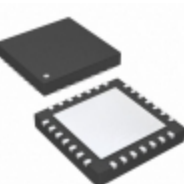
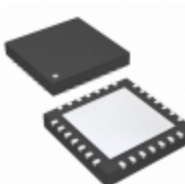
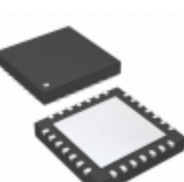
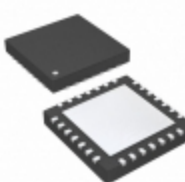
Specifications of PIC18LF24K50T-I/SO

|                                  |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LF24K50T-I/SO                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 44111 pcs                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.PIC18LF24K50T-I/SO.pdf<br> 2.PIC18LF24K50T-I/SO.pdf<br> 3.PIC18LF24K50T-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                                      |
| SPEED                            | 48MHz                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | PIC® XLP™ 18K                                                                                                                                                                                                                                                                                                                                |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                        |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                                                                                                                                                                                                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 48MHz 16KB (8K x 16) FLASH 28-SOIC                                                                                                                                                                                                                                                                |
| DATA CONVERTERS                  | A/D 14x10b                                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | I²C, SPI, UART/USART, USB                                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | PIC18LF24K50                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology PIC18LF24K50T-I/SO | PIC18LF24K50T-I/SO Distributor          | PIC18LF24K50T-I/SO Supplier                               |
| PIC18LF24K50T-I/SO Price                         | PIC18LF24K50T-I/SO Pictures             | PIC18LF24K50T-I/SO Image                                  |
| PIC18LF24K50T-I/SO PDF Datasheet                 | PIC18LF24K50T-I/SO Download Datasheet   | PIC18LF24K50T-I/SO Datasheet                              |
| PIC18LF24K50T-I/SO Stock                         | Buy PIC18LF24K50T-I/SO                  | Buy Micrel / Microchip Technology PIC18LF24K50T-I/SO      |
| Micrel / Microchip Technology PIC18LF24K50T-I/SO | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology PIC18LF24K50T-I/SO | Microchip Technology PIC18LF24K50T-I/SO | Roving Networks / Microchip Technology PIC18LF24K50T-I/SO |

Related Products

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|  <div><b>PIC18LF24K50-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br/>In stock: 38015 pcs<br/><div>RFQ</div></div> |  <div><b>PIC18LF24K50T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SSOP<br/>In stock: 55437 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC18LF2510-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 25703 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC18LF2510T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 22249 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC18LF24K50-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 39803 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC18LF24K50-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SSOP<br/>In stock: 51099 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC18LF2510T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 24927 pcs<br/><div>RFQ</div></div> |  <div><b>PIC18LF24K50-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SDIP<br/>In stock: 46473 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC18LF2510-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SDIP<br/>In stock: 22826 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC18LF24K50T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 50187 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC18LF2510-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 25323 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC18LF24K50-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SSOP<br/>In stock: 53745 pcs<br/><div>RFQ</div></div>  |