



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF18455T-I/SO

|                     |                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF18455T-I/SO                                                                                                                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                            |
| Product description | IC MCU 8BIT 14KB FLASH 28SOIC                                                                                                                                                                                            |
| Datasheets:         |  1.PIC16LF18455T-I/SO.pdf<br> 2.PIC16LF18455T-I/SO.pdf |
| Stock Condition     | 78645 pcs stock                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

Specifications of PIC16LF18455T-I/SO

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF18455T-I/SO                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 28SOIC                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                                                                                                                              |
| QUANTITY AVAILABLE               | 78645 pcs                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.PIC16LF18455T-I/SO.pdf<br> 2.PIC16LF18455T-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                      |
| SPEED                            | 32MHz                                                                                                                                                                                                                        |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                |
| RAM SIZE                         | 1K x 8                                                                                                                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                        |
| PROGRAM MEMORY SIZE              | 14KB (8K x 14)                                                                                                                                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                               |
| OTHER NAMES                      | PIC16LF18455T-I/SOTR                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 26                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 28-SOIC                                                                                                                                                |
| DATA CONVERTERS                  | A/D 24x12b, D/A 1x5b                                                                                                                                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                          |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                 |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF18455T-I/SO | PIC16LF18455T-I/SO Distributor          | PIC16LF18455T-I/SO Supplier                               |
| PIC16LF18455T-I/SO Price                         | PIC16LF18455T-I/SO Pictures             | PIC16LF18455T-I/SO Image                                  |
| PIC16LF18455T-I/SO PDF Datasheet                 | PIC16LF18455T-I/SO Download Datasheet   | PIC16LF18455T-I/SO Datasheet                              |
| PIC16LF18455T-I/SO Stock                         | Buy PIC16LF18455T-I/SO                  | Buy Micrel / Microchip Technology PIC16LF18455T-I/SO      |
| Micrel / Microchip Technology PIC16LF18455T-I/SO | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology PIC16LF18455T-I/SO | Microchip Technology PIC16LF18455T-I/SO | Roving Networks / Microchip Technology PIC16LF18455T-I/SO |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16LF18455-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: 59603 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC16LF18456-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28DIP<br/>In stock: 48951 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC16LF18456-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>In stock: 59041 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC16LF18456-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28DIP<br/>In stock: 49123 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC16LF18455-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: 71532 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC16LF18456-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SSOP<br/>In stock: 55733 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC16LF18455T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: 81019 pcs<br/><b>RFQ</b></div> |  <div><b>PIC16LF18455-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: 61390 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC16LF18455-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: 68285 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC16LF18455-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28DIP<br/>In stock: 51236 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC16LF18455-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28DIP<br/>In stock: 61208 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC16LF18456-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>In stock: 69177 pcs<br/><b>RFQ</b></div> |