



PIC16F18455T-I/SO

|                     |                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F18455T-I/SO                                                                                                                                                                                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                          |
| Product description | IC MCU 8BIT 14KB FLASH 28SOIC                                                                                                                                                                                          |
| Datasheets:         |  1.PIC16F18455T-I/SO.pdf<br> 2.PIC16F18455T-I/SO.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                           |
| Stock Condition     | 75572 pcs stock                                                                                                                                                                                                        |
| Ship From           | Hong Kong                                                                                                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                  |

REQUEST FOR QUOTATION

Specifications of PIC16F18455T-I/SO

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F18455T-I/SO                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 28SOIC                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 75572 pcs                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.PIC16F18455T-I/SO.pdf<br> 2.PIC16F18455T-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 5.5 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                      | PIC16F18455T-I/SOTR                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 26                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| 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 PIC16F18455T-I/SO | PIC16F18455T-I/SO Distributor          | PIC16F18455T-I/SO Supplier                               |
| PIC16F18455T-I/SO Price                         | PIC16F18455T-I/SO Pictures             | PIC16F18455T-I/SO Image                                  |
| PIC16F18455T-I/SO PDF Datasheet                 | PIC16F18455T-I/SO Download Datasheet   | PIC16F18455T-I/SO Datasheet                              |
| PIC16F18455T-I/SO Stock                         | Buy PIC16F18455T-I/SO                  | Buy Micrel / Microchip Technology PIC16F18455T-I/SO      |
| Micrel / Microchip Technology PIC16F18455T-I/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16F18455T-I/SO | Microchip Technology PIC16F18455T-I/SO | Roving Networks / Microchip Technology PIC16F18455T-I/SO |

Related Products

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|  <div><b>PIC16F18455-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: 59642 pcs<br/>RFQ</div>  |  <div><b>PIC16F18456-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28DIP<br/>In stock: 45401 pcs<br/>RFQ</div>  |
|  <div><b>PIC16F18455-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: 66029 pcs<br/>RFQ</div>  |  <div><b>PIC16F18455-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28DIP<br/>In stock: 59504 pcs<br/>RFQ</div>  |
|  <div><b>PIC16F18455T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: 91592 pcs<br/>RFQ</div> |  <div><b>PIC16F18456-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28DIP<br/>In stock: 57703 pcs<br/>RFQ</div>  |
|  <div><b>PIC16F18455-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28DIP<br/>In stock: 52882 pcs<br/>RFQ</div>   |  <div><b>PIC16F18455-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: 67694 pcs<br/>RFQ</div> |
|  <div><b>PIC16F18456-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>In stock: 55564 pcs<br/>RFQ</div>  |  <div><b>PIC16F18455-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: 63742 pcs<br/>RFQ</div> |
|  <div><b>PIC16F18456-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>In stock: 58368 pcs<br/>RFQ</div>  |  <div><b>PIC16F18456-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SSOP<br/>In stock: 67320 pcs<br/>RFQ</div> |