

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF18344T-I/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF18344T-I/SO                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB FLASH 20SOIC                                                                                 |
| Datasheets:         | <a href="#">1.PIC16LF18344T-I/SO.pdf</a><br><a href="#">2.PIC16LF18344T-I/SO.pdf</a>                         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 83662 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

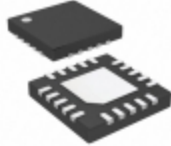
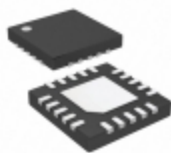
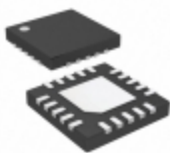
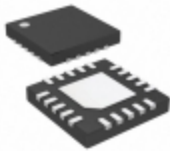
Specifications of PIC16LF18344T-I/SO

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF18344T-I/SO                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                        |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 20SOIC                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 83662 pcs                                                                            |
| DATA SHEET                       | <a href="#">1.PIC16LF18344T-I/SO.pdf</a><br><a href="#">2.PIC16LF18344T-I/SO.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 20-SOIC                                                                              |
| SPEED                            | 32MHz                                                                                |
| SERIES                           | PIC® XLP™ 16F                                                                        |
| RAM SIZE                         | 512 x 8                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 7KB (4K x 14)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                     |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                       |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| NUMBER OF I/O                    | 18                                                                                   |
| 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™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 20-SOIC         |
| DATA CONVERTERS                  | A/D 17x10b, D/A 1x5b                                                                 |
| CORE SIZE                        | 8-Bit                                                                                |
| CORE PROCESSOR                   | PIC                                                                                  |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                         |
| BASE PART NUMBER                 | PIC16LF18344                                                                         |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF18344T-I/SO | PIC16LF18344T-I/SO Distributor          | PIC16LF18344T-I/SO Supplier                               |
| PIC16LF18344T-I/SO Price                         | PIC16LF18344T-I/SO Pictures             | PIC16LF18344T-I/SO Image                                  |
| PIC16LF18344T-I/SO PDF Datasheet                 | PIC16LF18344T-I/SO Download Datasheet   | PIC16LF18344T-I/SO Datasheet                              |
| PIC16LF18344T-I/SO Stock                         | Buy PIC16LF18344T-I/SO                  | Buy Micrel / Microchip Technology PIC16LF18344T-I/SO      |
| Micrel / Microchip Technology PIC16LF18344T-I/SO | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology PIC16LF18344T-I/SO | Microchip Technology PIC16LF18344T-I/SO | Roving Networks / Microchip Technology PIC16LF18344T-I/SO |

Related Products

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|  <div><b>PIC16LF18345-I/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20UQFN<br/>In stock: 73247 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>PIC16LF18345-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br/>In stock: 91188 pcs<br/><a href="#">RFQ</a></div>  |
|  <div><b>PIC16LF18344-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20DIP<br/>In stock: 68399 pcs<br/><a href="#">RFQ</a></div>     |  <div><b>PIC16LF18344-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br/>In stock: 79681 pcs<br/><a href="#">RFQ</a></div>   |
|  <div><b>PIC16LF18345-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20DIP<br/>In stock: 66289 pcs<br/><a href="#">RFQ</a></div>    |  <div><b>PIC16LF18344-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br/>In stock: 107497 pcs<br/><a href="#">RFQ</a></div>  |
|  <div><b>PIC16LF18345-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SOIC<br/>In stock: 81087 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>PIC16LF18344T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br/>In stock: 118509 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>PIC16LF18344T-I/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20UQFN<br/>In stock: 112409 pcs<br/><a href="#">RFQ</a></div> |  <div><b>PIC16LF18344-I/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20UQFN<br/>In stock: 79066 pcs<br/><a href="#">RFQ</a></div>   |
|  <div><b>PIC16LF18344-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br/>In stock: 78043 pcs<br/><a href="#">RFQ</a></div>   |  <div><b>PIC16LF18345-E/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20UQFN<br/>In stock: 84390 pcs<br/><a href="#">RFQ</a></div>  |