



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F18854T-I/ML

Part Number: PIC16F18854T-I/ML

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 7KB FLASH 28QFN

Datasheets: [1.PIC16F18854T-I/ML.pdf](#)  
[2.PIC16F18854T-I/ML.pdf](#)  
[3.PIC16F18854T-I/ML.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 92849 pcs stock

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

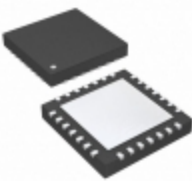
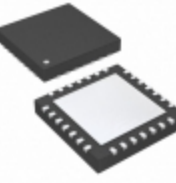
Specifications of PIC16F18854T-I/ML

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F18854T-I/ML                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 28QFN                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 92849 pcs                                                                                                                     |
| DATA SHEET                       | <a href="#">1.PIC16F18854T-I/ML.pdf</a><br><a href="#">2.PIC16F18854T-I/ML.pdf</a><br><a href="#">3.PIC16F18854T-I/ML.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 28-QFN (6x6)                                                                                                                  |
| 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                   | 28-VQFN Exposed Pad                                                                                                           |
| 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™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 28-QFN (6x6)                                             |
| DATA CONVERTERS                  | A/D 24x10b, D/A 1x5b                                                                                                          |
| CORE SIZE                        | 8-Bit                                                                                                                         |
| CORE PROCESSOR                   | PIC                                                                                                                           |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                  |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16F18854T-I/ML | PIC16F18854T-I/ML Distributor          | PIC16F18854T-I/ML Supplier                               |
| PIC16F18854T-I/ML Price                         | PIC16F18854T-I/ML Pictures             | PIC16F18854T-I/ML Image                                  |
| PIC16F18854T-I/ML PDF Datasheet                 | PIC16F18854T-I/ML Download Datasheet   | PIC16F18854T-I/ML Datasheet                              |
| PIC16F18854T-I/ML Stock                         | Buy PIC16F18854T-I/ML                  | Buy Micrel / Microchip Technology PIC16F18854T-I/ML      |
| Micrel / Microchip Technology PIC16F18854T-I/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16F18854T-I/ML | Microchip Technology PIC16F18854T-I/ML | Roving Networks / Microchip Technology PIC16F18854T-I/ML |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                        |
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| <div><div><b>PIC16F18854T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28UQFN<br/>In stock: 110887 pcs</div><div>RFQ</div></div> | <div><div><b>PIC16F18855-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28QFN<br/>In stock: 78201 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC16F18854T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SOIC<br/>In stock: 98625 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC16F18854T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: 95076 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC16F18854-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SOIC<br/>In stock: 94378 pcs</div><div>RFQ</div></div>   | <div><div><b>PIC16F18855-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: 94897 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC16F18854-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28UQFN<br/>In stock: 96030 pcs</div><div>RFQ</div></div>   | <div><div><b>PIC16F18854-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: 77556 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC16F18854-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: 85488 pcs</div><div>RFQ</div></div>   | <div><div><b>PIC16F18855-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br/>In stock: 70181 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC16F18854-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28QFN<br/>In stock: 86257 pcs</div><div>RFQ</div></div>    | <div><div><b>PIC16F18854-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SDIP<br/>In stock: 68096 pcs</div><div>RFQ</div></div>  |