

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF18854-E/SP

|                     |                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF18854-E/SP                                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                 |
| Product description | IC MCU 8BIT 7KB FLASH 28SDIP                                                                                                  |
| Datasheets:         | <a href="#">1.PIC16LF18854-E/SP.pdf</a><br><a href="#">2.PIC16LF18854-E/SP.pdf</a><br><a href="#">3.PIC16LF18854-E/SP.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                  |
| Ship From           | Hong Kong                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                         |

REQUEST FOR QUOTATION

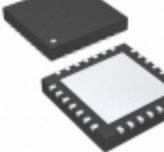
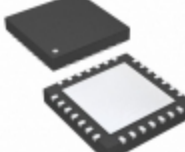
Specifications of PIC16LF18854-E/SP

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF18854-E/SP                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 28SDIP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| DATA SHEET                       | <a href="#">1.PIC16LF18854-E/SP.pdf</a><br><a href="#">2.PIC16LF18854-E/SP.pdf</a><br><a href="#">3.PIC16LF18854-E/SP.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                      |
| 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                        | Tube                                                                                                                          |
| PACKAGE / CASE                   | 28-DIP (0.300", 7.62mm)                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 25                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                       |
| 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-SPDIP                                                 |
| 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 PIC16LF18854-E/SP | PIC16LF18854-E/SP Distributor          | PIC16LF18854-E/SP Supplier                               |
| PIC16LF18854-E/SP Price                         | PIC16LF18854-E/SP Pictures             | PIC16LF18854-E/SP Image                                  |
| PIC16LF18854-E/SP PDF Datasheet                 | PIC16LF18854-E/SP Download Datasheet   | PIC16LF18854-E/SP Datasheet                              |
| PIC16LF18854-E/SP Stock                         | Buy PIC16LF18854-E/SP                  | Buy Micrel / Microchip Technology PIC16LF18854-E/SP      |
| Micrel / Microchip Technology PIC16LF18854-E/SP | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16LF18854-E/SP | Microchip Technology PIC16LF18854-E/SP | Roving Networks / Microchip Technology PIC16LF18854-E/SP |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16LF1847T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 18SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16LF18854-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC16LF18854-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC16LF18854-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>PIC16LF18854-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28QFN<br/>In stock: 727 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC16LF18854-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC16LF18854-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC16LF18854-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC16LF18854-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28UQFN<br/>In stock: 726 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC16LF1847T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16LF18854-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SDIP<br/>In stock: 65 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC16LF1847T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |