



PIC16F18854-E/SO

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F18854-E/SO                                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                              |
| Product description | IC MCU 8BIT 7KB FLASH 28SOIC                                                                                               |
| Datasheets:         | <a href="#">1.PIC16F18854-E/SO.pdf</a><br><a href="#">2.PIC16F18854-E/SO.pdf</a><br><a href="#">3.PIC16F18854-E/SO.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

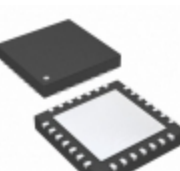
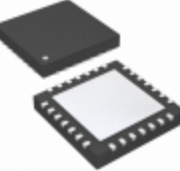
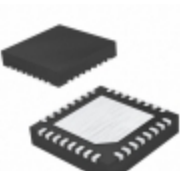
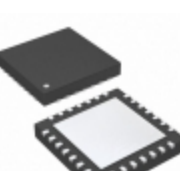
Specifications of PIC16F18854-E/SO

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F18854-E/SO                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 28SOIC                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| DATA SHEET                       | <a href="#">1.PIC16F18854-E/SO.pdf</a><br><a href="#">2.PIC16F18854-E/SO.pdf</a><br><a href="#">3.PIC16F18854-E/SO.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 28-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                        | Tube                                                                                                                       |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                             |
| 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  | 4 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-SOIC                                               |
| 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 PIC16F18854-E/SO | PIC16F18854-E/SO Distributor           | PIC16F18854-E/SO Supplier                               |
| PIC16F18854-E/SO Price                         | PIC16F18854-E/SO Pictures              | PIC16F18854-E/SO Image                                  |
| PIC16F18854-E/SO PDF Datasheet                 | PIC16F18854-E/SO Download Datasheet    | PIC16F18854-E/SO Datasheet                              |
| PIC16F18854-E/SO Stock                         | Buy PIC16F18854-E/SO                   | Buy Micrel / Microchip Technology PIC16F18854-E/SO      |
| Micrel / Microchip Technology PIC16F18854-E/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16F18854-E/SO | Microchip Technology PIC16F18854-E/SO  | Roving Networks / Microchip Technology PIC16F18854-E/SO |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                              |
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| <div></div> <div><b>PIC16F18854-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SDIP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>PIC16F1847T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br/>In stock: Out stock<br/><div>RFQ</div></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: 692 pcs<br/><div>RFQ</div></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: Out stock<br/><div>RFQ</div></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: 586 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>PIC16F1847T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></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: 502 pcs<br/><div>RFQ</div></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: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC16F18854-E/MV</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28UQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>PIC16F1847T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 18SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC16F18854-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28QFN<br/>In stock: 38 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>PIC16F1847T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |