

PIC16F18854T-I/SS





Part Number: [PIC16F18854T-I/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 28SSOP

Data sheet:  [PIC16\(L\)F18854](#)  
 [PIC16\(L\)F1885x,7x Brief](#)  
 [PIC16\(L\)F18854 Errata](#)

RoHs Status: Lead free / RoHS Compliant

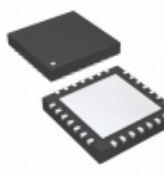
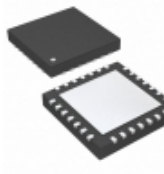
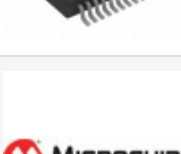
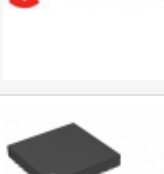
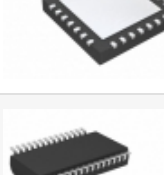
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC16F18854T-I/SS                         | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 7KB FLASH 28SSOP              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 57381 pcs                                 | Data sheet                       | <a href="#">PIC16(L)F18854</a><br><a href="#">PIC16(L)F1885x,7x Brief</a><br><a href="#">PIC16(L)F18854 Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.3 V ~ 5.5 V                                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-SSOP                                   | 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                        | Cut Tape (CT)                                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 28-SSOP (0.209", 5.30mm Width)            | Other Names                      | PIC16F18854T-I/SSCT                                                                                                |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                  | Operating Temperature            | -40°C ~ 85°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-SSOP                                       |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 24x10b, D/A 1x5b                      | Core Size                        | 8-Bit                                                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC                                       | Connectivity                     | I²C, LINbus, SPI, UART/USART                                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">PIC16F18854-I/SP</a><br>Description: IC MCU 8BIT 7KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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