

PIC16LF18854T-I/SS



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Part Number:

PIC16LF18854T-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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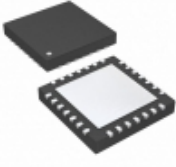
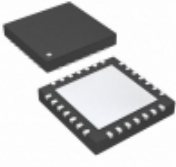
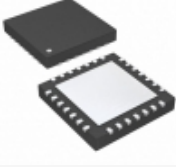
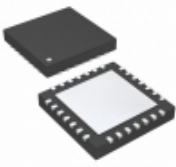
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                              |                                 |                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC16LF18854T-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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 62226 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)      | 1.8 V ~ 3.6 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                       | Tape & Reel (TR)                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28-SSOP (0.209", 5.30mm Width)                                               | 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 | 15 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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