

PIC16F18856-I/SS





Part Number: [PIC16F18856-I/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 28KB FLASH 28SSOP

Data sheet:  [PIC16\(L\)F18856,76 Errata](#)  
 [PIC16\(L\)F18856,76 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

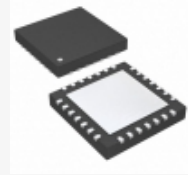
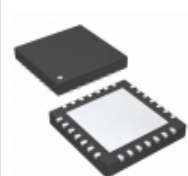
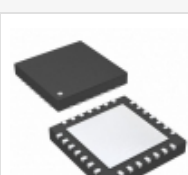
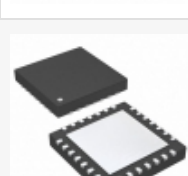
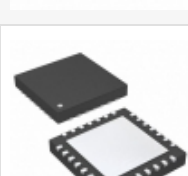
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                |                                 |                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16F18856-I/SS                                                               | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 28KB FLASH 28SSOP                                                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 81250 pcs                                                                      | Data sheet                      | <a href="#">PIC16(L)F18856,76 Errata</a><br><a href="#">PIC16(L)F18856,76 Datasheet</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                        | 2K x 8                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                          | Program Memory Size             | 28KB (16K x 14)                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, POR, PWM, WDT                                          | Packaging                       | Tube                                                                                    |
| 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 | 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 28KB (16K x 14) FLASH 28-SSOP | Data Converters                 | A/D 24x10b, D/A 1x5b                                                                    |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                          | Core Processor                  | PIC                                                                                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | İC, LINbus, SPI, UART/USART                                                    |                                 |                                                                                         |
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