

PIC16LF18876-I/ML



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**Part Number:** [PIC16LF18876-I/ML](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 28KB FLASH 40QFN

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

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

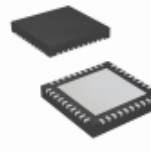
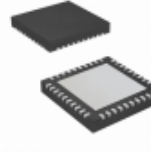
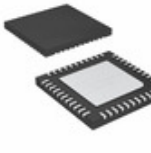
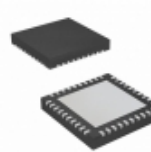
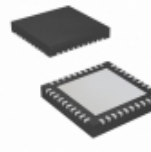
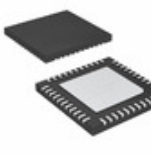
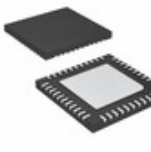
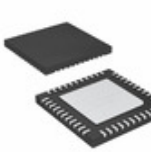
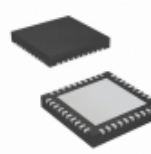
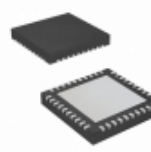
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                |                                           |                                |                                                                                         |
|----------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                      | PIC16LF18876-I/ML                         | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                           |
| Description                      | IC MCU 8BIT 28KB FLASH 40QFN              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                              |
| Quantity Available               | 76569 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)     | 1.8 V ~ 3.6 V                                                                           |
| Supplier Device Package          | 44-QFN (8x8)                              | 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                   | 44-VQFN Exposed Pad                       | Oscillator Type                | Internal                                                                                |
| Operating Temperature            | -40°C ~ 85°C (TA)                         | Number of I/O                  | 36                                                                                      |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                             | 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 44-QFN (8x8)     |
| Data Converters                  | A/D 35x10b, D/A 1x5b                      | Core Size                      | 8-Bit                                                                                   |
| Core Processor                   | PIC                                       | Connectivity                   | I²C, LINbus, SPI, UART/USART                                                            |

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|  | Part#: <a href="#">PIC16LF18876-E/PT</a><br>Description: IC MCU 8BIT 28KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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