

PIC16F18876-I/P



Part Number: [PIC16F18876-I/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 28KB FLASH 40DIP

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

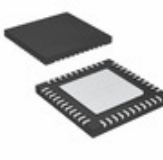
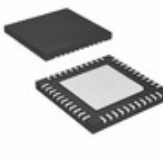
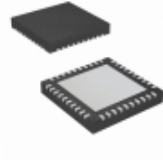
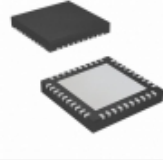
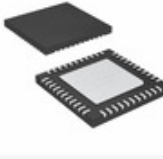
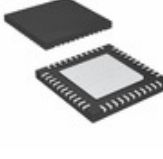
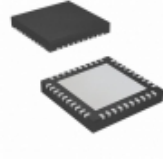
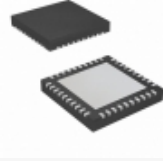
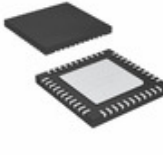
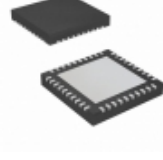
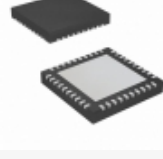
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                |                                                                                |                                 |                                                                                         |
|----------------------------------|--------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                      | PIC16F18876-I/P                                                                | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                           |
| Description                      | IC MCU 8BIT 28KB FLASH 40DIP                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                              |
| Quantity Available               | 63916 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          | 40-PDIP                                                                        | 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                   | 40-DIP (0.600", 15.24mm)                                                       | Oscillator Type                 | Internal                                                                                |
| Operating Temperature            | -40°C ~ 85°C (TA)                                                              | Number of I/O                   | 36                                                                                      |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                  | Manufacturer Standard Lead Time | 14 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 40-PDIP | Data Converters                 | A/D 35x10b, D/A 1x5b                                                                    |
| Core Size                        | 8-Bit                                                                          | Core Processor                  | PIC                                                                                     |
| Connectivity                     | PC, LINbus, SPI, UART/USART                                                    |                                 |                                                                                         |

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