

PIC16LF1847-E/P



Part Number: [PIC16LF1847-E/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 18DIP

Data sheet:  [PIC16\(L\)F1847](#)  
 [PIC16\(L\)F1847 Errata](#)

RoHs Status: Lead free / RoHS Compliant

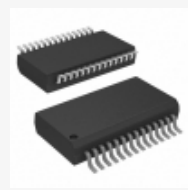
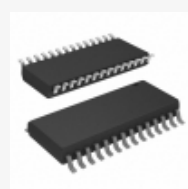
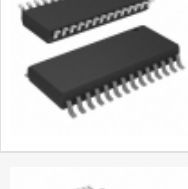
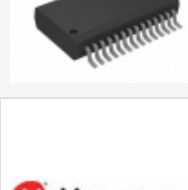
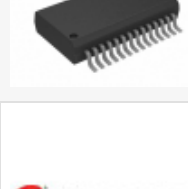
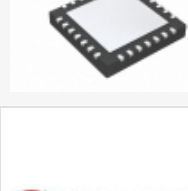
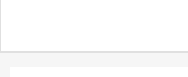
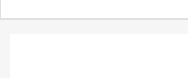
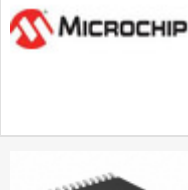
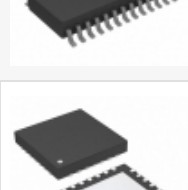
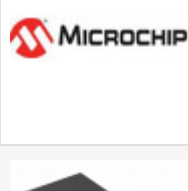
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16LF1847-E/P                                                                       | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 14KB FLASH 18DIP                                                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 62791 pcs                                                                             | Data sheet                      | <a href="#">PIC16(L)F1847</a><br><a href="#">PIC16(L)F1847 Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                             | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18-PDIP                                                                               | Speed                           | 32MHz                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® XLP™ mTouch™ 16F                                                                 | RAM Size                        | 1K x 8                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                                 | Program Memory Size             | 14KB (8K x 14)                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT                                                 | Packaging                       | Tube                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 18-DIP (0.300", 7.62mm)                                                               | Oscillator Type                 | Internal                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 125°C (TA)                                                                    | Number of I/O                   | 15                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                                                         | Manufacturer Standard Lead Time | 5 Weeks                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                                            | EEPROM Size                     | 256 x 8                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC PIC® XLP™ mTouch™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 18-PDIP | Data Converters                 | A/D 12x10b                                                            |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                                 | Core Processor                  | PIC                                                                   |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I²C, LINbus, SPI, UART/USART                                                          | Base Part Number                | PIC16LF1847                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16LF1847-I/SO</a><br>Description: IC MCU 8BIT 14KB FLASH 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF18456-I/SS</a><br>Description: IC MCU 8BIT 28KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF18456-E/SP</a><br>Description: IC MCU 8BIT 28KB FLASH 28DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF18456-I/SO</a><br>Description: IC MCU 8BIT 28KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LF1847-I/P</a><br>Description: IC MCU 8BIT 14KB FLASH 18DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF18456T-I/SS</a><br>Description: IC MCU 8BIT 28KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF1847T-I/SO</a><br>Description: IC MCU 8BIT 14KB FLASH 18SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF1847-E/ML</a><br>Description: IC MCU 8BIT 14KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF1847-E/SS</a><br>Description: IC MCU 8BIT 14KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF18456-I/SP</a><br>Description: IC MCU 8BIT 28KB FLASH 28DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LF1847-I/SS</a><br>Description: IC MCU 8BIT 14KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF1847-E/MV</a><br>Description: IC MCU 8BIT 14KB FLASH 28UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF18456T-I/SO</a><br>Description: IC MCU 8BIT 28KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF1847T-I/ML</a><br>Description: IC MCU 8BIT 14KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF1847T-I/MV</a><br>Description: IC MCU 8BIT 14KB FLASH 28UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC16LF1847-E/P

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