

PIC16LF1847-E/MV



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

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 28UQFN

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

RoHs Status: Lead free / RoHS Compliant

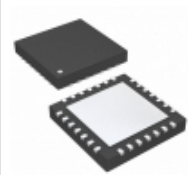
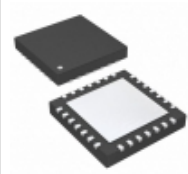
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                             |                                 |                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16LF1847-E/MV                                                                            | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 14KB FLASH 28UQFN                                                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 59170 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 28-UQFN (4x4)                                                                               | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 28-UQFN Exposed Pad                                                                         | 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 | 6 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 28-UQFN (4x4) | 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/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="#">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="#">PIC16LF18455T-I/SS</a><br>Description: IC MCU 8BIT 14KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LF1847-E/SO</a><br>Description: IC MCU 8BIT 14KB FLASH 18SOIC   | 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="#">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> |
|  | 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> |
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| Related keywords for PIC16LF1847-E/MV          |                                       |                                        |                        |
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