

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F1847-I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1847-I/P                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 14KB FLASH 18DIP                                                                                 |
|                     |  1.PIC16F1847-I/P.pdf       |
|                     |  2.PIC16F1847-I/P.pdf       |
|                     |  3.PIC16F1847-I/P.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 58061 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

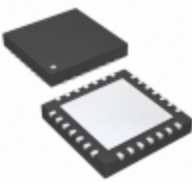
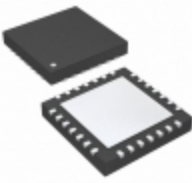
Specifications of PIC16F1847-I/P

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1847-I/P                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 18DIP                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 58061 pcs                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.PIC16F1847-I/P.pdf<br> 2.PIC16F1847-I/P.pdf<br> 3.PIC16F1847-I/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 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)                                                                                                                                                                                                                                                                                                          |
| OTHER NAMES                      | PIC16F1847IP                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 15                                                                                                                                                                                                                                                                                                                               |
| 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™ 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                 | PIC16F1847                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1847-I/P | PIC16F1847-I/P Distributor             | PIC16F1847-I/P Supplier                               |
| PIC16F1847-I/P Price                         | PIC16F1847-I/P Pictures                | PIC16F1847-I/P Image                                  |
| PIC16F1847-I/P PDF Datasheet                 | PIC16F1847-I/P Download Datasheet      | PIC16F1847-I/P Datasheet                              |
| PIC16F1847-I/P Stock                         | Buy PIC16F1847-I/P                     | Buy Micrel / Microchip Technology PIC16F1847-I/P      |
| Micrel / Microchip Technology PIC16F1847-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC16F1847-I/P | Microchip Technology PIC16F1847-I/P    | Roving Networks / Microchip Technology PIC16F1847-I/P |

Related Products

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>PIC16F1847-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br>In stock: 63390 pcs<br><b>RFQ</b>  |  <b>PIC16F1847-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 18SOIC<br>In stock: 68353 pcs<br><b>RFQ</b>  |
|  <b>PIC16F1847-E/MV</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br>In stock: 66049 pcs<br><b>RFQ</b>  |  <b>PIC16F1847T-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 28QFN<br>In stock: 65194 pcs<br><b>RFQ</b>  |
|  <b>PIC16F1847T-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 18SOIC<br>In stock: 80513 pcs<br><b>RFQ</b> |  <b>PIC16F1847-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 28QFN<br>In stock: 57289 pcs<br><b>RFQ</b>   |
|  <b>PIC16F1847T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br>In stock: 77009 pcs<br><b>RFQ</b> |  <b>PIC16F1847-I/MV</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br>In stock: 55399 pcs<br><b>RFQ</b>  |
|  <b>PIC16F1847-E/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 18DIP<br>In stock: 56360 pcs<br><b>RFQ</b>    |  <b>PIC16F1847-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 18SOIC<br>In stock: 55645 pcs<br><b>RFQ</b>  |
|  <b>PIC16F1847-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br>In stock: 57454 pcs<br><b>RFQ</b>  |  <b>PIC16F1847T-I/MV</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br>In stock: 69232 pcs<br><b>RFQ</b> |