



PIC16F1787-I/ML

|                     |                                                                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1787-I/ML                                                                                                                                                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                 |
| Product description | IC MCU 8BIT 14KB FLASH 44QFN                                                                                                                                                                                                                  |
| Datasheets:         | <div><div>1.PIC16F1787-I/ML.pdf</div><div>2.PIC16F1787-I/ML.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                        |
| Stock Condition     | 38358 pcs stock                                                                                                                                                                                                                               |
| Ship From           | Hong Kong                                                                                                                                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                         |

REQUEST FOR QUOTATION

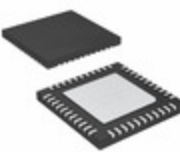
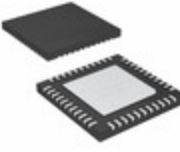
Specifications of PIC16F1787-I/ML

|                                  |                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1787-I/ML                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 44QFN                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 38358 pcs                                                                                                                                                                                                                                         |
| DATA SHEET                       | <div><div>1.PIC16F1787-I/ML.pdf</div><div>2.PIC16F1787-I/ML.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                                                                                                                                                      |
| SPEED                            | 32MHz                                                                                                                                                                                                                                             |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                     |
| RAM SIZE                         | 1K x 8                                                                                                                                                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                             |
| PROGRAM MEMORY SIZE              | 14KB (8K x 14)                                                                                                                                                                                                                                    |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PSMC, PWM, WDT                                                                                                                                                                                                       |
| PACKAGING                        | Tube                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                |
| 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 14KB (8K x 14) FLASH 44-QFN (8x8)                                                                                                                                                                |
| DATA CONVERTERS                  | A/D 14x12b, D/A 1x8b                                                                                                                                                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                             |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                               |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | PIC16F1787                                                                                                                                                                                                                                        |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1787-I/ML | PIC16F1787-I/ML Distributor            | PIC16F1787-I/ML Supplier                               |
| PIC16F1787-I/ML Price                         | PIC16F1787-I/ML Pictures               | PIC16F1787-I/ML Image                                  |
| PIC16F1787-I/ML PDF Datasheet                 | PIC16F1787-I/ML Download Datasheet     | PIC16F1787-I/ML Datasheet                              |
| PIC16F1787-I/ML Stock                         | Buy PIC16F1787-I/ML                    | Buy Micrel / Microchip Technology PIC16F1787-I/ML      |
| Micrel / Microchip Technology PIC16F1787-I/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1787-I/ML | Microchip Technology PIC16F1787-I/ML   | Roving Networks / Microchip Technology PIC16F1787-I/ML |

Related Products

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| <div><div><b>PIC16F1787-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 44TQFP<br/>In stock: 40107 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC16F1787-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40DIP<br/>In stock: 33364 pcs</div><div>RFQ</div></div>    |
| <div><div><b>PIC16F1787-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40DIP<br/>In stock: 41871 pcs</div><div>RFQ</div></div>    | <div><div><b>PIC16F1787-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40UQFN<br/>In stock: 39973 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC16F1786T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: 58589 pcs</div><div>RFQ</div></div> | <div><div><b>PIC16F1787T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 44QFN<br/>In stock: 46660 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC16F1787-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 44TQFP<br/>In stock: 43891 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC16F1786T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: 57223 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC16F1787T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40UQFN<br/>In stock: 44678 pcs</div><div>RFQ</div></div> | <div><div><b>PIC16F1787T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 44TQFP<br/>In stock: 51077 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC16F1787-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40UQFN<br/>In stock: 42608 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC16F1787-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 44QFN<br/>In stock: 42747 pcs</div><div>RFQ</div></div>   |