



PIC16LF1946-I/MR

|                     |                               |
|---------------------|-------------------------------|
| Part Number:        | PIC16LF1946-I/MR              |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description | IC MCU 8BIT 14KB FLASH 64QFN  |
|                     | 1.PIC16LF1946-I/MR.pdf        |
|                     | 2.PIC16LF1946-I/MR.pdf        |
| Datasheets:         |                               |
| RoHs Status         | Lead free / RoHS Compliant    |
| Stock Condition     | 45476 pcs stock               |
| Ship From           | Hong Kong                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS         |

REQUEST FOR QUOTATION

Specifications of PIC16LF1946-I/MR

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1946-I/MR                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                      |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 64QFN                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 45476 pcs                                                                          |
| DATA SHEET                       | 1.PIC16LF1946-I/MR.pdf<br>2.PIC16LF1946-I/MR.pdf                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                      |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                       |
| SPEED                            | 32MHz                                                                              |
| SERIES                           | PIC® XLP™ 16F                                                                      |
| RAM SIZE                         | 512 x 8                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                              |
| PROGRAM MEMORY SIZE              | 14KB (8K x 14)                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, LCD, POR, PWM, WDT                                         |
| PACKAGING                        | Tube                                                                               |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                               |
| OSCILLATOR TYPE                  | Internal                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                  |
| NUMBER OF I/O                    | 54                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                      |
| 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 64-QFN (9x9) |
| DATA CONVERTERS                  | A/D 17x10b                                                                         |
| CORE SIZE                        | 8-Bit                                                                              |
| CORE PROCESSOR                   | PIC                                                                                |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                       |
| BASE PART NUMBER                 | PIC16LF1946                                                                        |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1946-I/MR | PIC16LF1946-I/MR Distributor           | PIC16LF1946-I/MR Supplier                               |
| PIC16LF1946-I/MR Price                         | PIC16LF1946-I/MR Pictures              | PIC16LF1946-I/MR Image                                  |
| PIC16LF1946-I/MR PDF Datasheet                 | PIC16LF1946-I/MR Download Datasheet    | PIC16LF1946-I/MR Datasheet                              |
| PIC16LF1946-I/MR Stock                         | Buy PIC16LF1946-I/MR                   | Buy Micrel / Microchip Technology PIC16LF1946-I/MR      |
| Micrel / Microchip Technology PIC16LF1946-I/MR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16LF1946-I/MR | Microchip Technology PIC16LF1946-I/MR  | Roving Networks / Microchip Technology PIC16LF1946-I/MR |

Related Products

|                                                                                                                                                                    |                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>PIC16LF1939T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44TQFP<br/>In stock: 45344 pcs</p> <p>RFQ</p> | <p><b>PIC16LF1947-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 64TQFP<br/>In stock: 44201 pcs</p> <p>RFQ</p>  |
| <p><b>PIC16LF1939T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 40UQFN<br/>In stock: 54960 pcs</p> <p>RFQ</p> | <p><b>PIC16LF1946T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 64TQFP<br/>In stock: 41982 pcs</p> <p>RFQ</p> |
| <p><b>PIC16LF1946T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 64QFN<br/>In stock: 46937 pcs</p> <p>RFQ</p>  | <p><b>PIC16LF1946-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 64TQFP<br/>In stock: 36183 pcs</p> <p>RFQ</p>  |
| <p><b>PIC16LF1947-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 64QFN<br/>In stock: 43838 pcs</p> <p>RFQ</p>   | <p><b>PIC16LF1939T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44QFN<br/>In stock: 44869 pcs</p> <p>RFQ</p>  |
| <p><b>PIC16LF1939-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44TQFP<br/>In stock: 36687 pcs</p> <p>RFQ</p>  | <p><b>PIC16LF1946-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 64TQFP<br/>In stock: 47978 pcs</p> <p>RFQ</p>  |
| <p><b>PIC16LF1947-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 64QFN<br/>In stock: 31704 pcs</p> <p>RFQ</p>   | <p><b>PIC16LF1946-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 64QFN<br/>In stock: 38744 pcs</p> <p>RFQ</p>   |