

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F1458-E/ML

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1458-E/ML                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                         |
| Product description | IC MCU 8BIT 7KB FLASH 20QFN                                                                                           |
| Datasheets:         |  <a href="#">PIC16F1458-E/ML.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

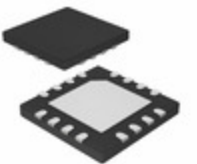
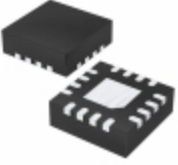
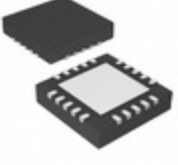
Specifications of PIC16F1458-E/ML

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1458-E/ML                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 20QFN                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |  <a href="#">PIC16F1458-E/ML.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 20-QFN (4x4)                                                                                                            |
| SPEED                            | 48MHz                                                                                                                   |
| SERIES                           | PIC® XLP™ 16F                                                                                                           |
| RAM SIZE                         | 512 x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 7KB (4K x 14)                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                   |
| PACKAGING                        | Tube                                                                                                                    |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 17                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | -                                                                                                                       |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 48MHz 7KB (4K x 14) FLASH 20-QFN (4x4)                                       |
| DATA CONVERTERS                  | A/D 9x10b, D/A 1x5b                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                                   |
| CORE PROCESSOR                   | PIC                                                                                                                     |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART, USB                                                                                       |
| BASE PART NUMBER                 | PIC16F1458                                                                                                              |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1458-E/ML | PIC16F1458-E/ML Distributor            | PIC16F1458-E/ML Supplier                               |
| PIC16F1458-E/ML Price                         | PIC16F1458-E/ML Pictures               | PIC16F1458-E/ML Image                                  |
| PIC16F1458-E/ML PDF Datasheet                 | PIC16F1458-E/ML Download Datasheet     | PIC16F1458-E/ML Datasheet                              |
| PIC16F1458-E/ML Stock                         | Buy PIC16F1458-E/ML                    | Buy Micrel / Microchip Technology PIC16F1458-E/ML      |
| Micrel / Microchip Technology PIC16F1458-E/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1458-E/ML | Microchip Technology PIC16F1458-E/ML   | Roving Networks / Microchip Technology PIC16F1458-E/ML |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16F1458-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>PIC16F1455-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 196 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC16F1455T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC16F1458-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |
|  <div><b>PIC16F1455-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: 358 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC16F1455T-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16F1455T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16F1455T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC16F1458-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>      |  <div><b>PIC16F1458-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>PIC16F1458-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>PIC16F1458-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |