



Micrel / Microchip Technology

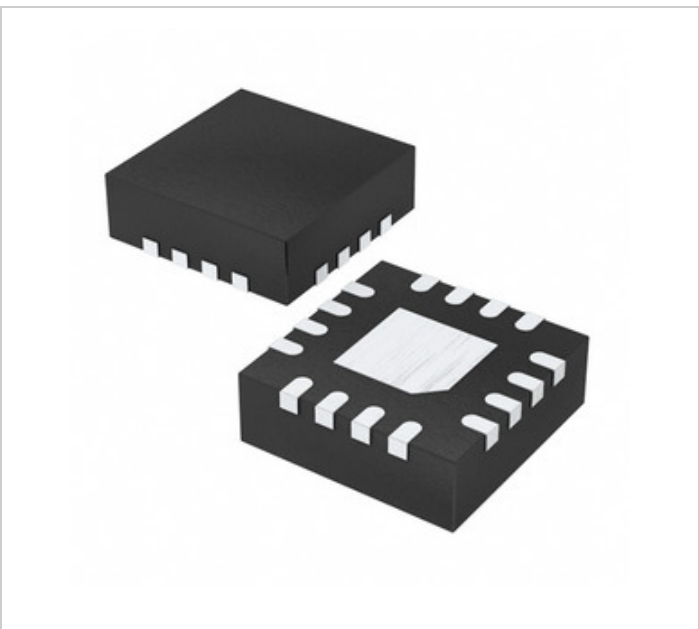


Image may be representation. See specifications for product details.

PIC16F1454T-I/ML

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1454T-I/ML                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 14KB FLASH 16QFN                                                                                 |
|                     |  1.PIC16F1454T-I/ML.pdf     |
|                     |  2.PIC16F1454T-I/ML.pdf     |
|                     |  3.PIC16F1454T-I/ML.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 89812 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

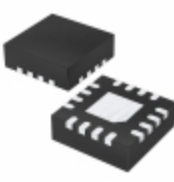
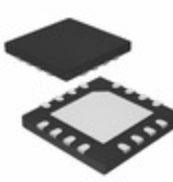
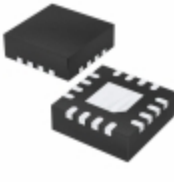
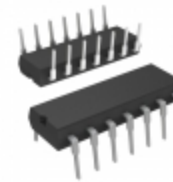
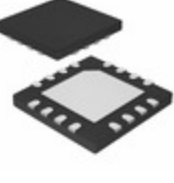
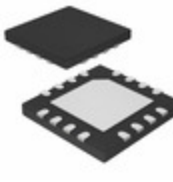
Specifications of PIC16F1454T-I/ML

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1454T-I/ML                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 16QFN                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 89812 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.PIC16F1454T-I/ML.pdf<br> 2.PIC16F1454T-I/ML.pdf<br> 3.PIC16F1454T-I/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 16-QFN (4x4)                                                                                                                                                                                                                                                                                                                           |
| SPEED                            | 48MHz                                                                                                                                                                                                                                                                                                                                  |
| 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, PWM, WDT                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 16-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 8                                                                                                                                                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 48MHz 14KB (8K x 14) FLASH 16-QFN (4x4)                                                                                                                                                                                                                                                     |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                      |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART, USB                                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | PIC16F1454                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1454T-I/ML | PIC16F1454T-I/ML Distributor           | PIC16F1454T-I/ML Supplier                               |
| PIC16F1454T-I/ML Price                         | PIC16F1454T-I/ML Pictures              | PIC16F1454T-I/ML Image                                  |
| PIC16F1454T-I/ML PDF Datasheet                 | PIC16F1454T-I/ML Download Datasheet    | PIC16F1454T-I/ML Datasheet                              |
| PIC16F1454T-I/ML Stock                         | Buy PIC16F1454T-I/ML                   | Buy Micrel / Microchip Technology PIC16F1454T-I/ML      |
| Micrel / Microchip Technology PIC16F1454T-I/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16F1454T-I/ML | Microchip Technology PIC16F1454T-I/ML  | Roving Networks / Microchip Technology PIC16F1454T-I/ML |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
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|  <div><b>PIC16F1455-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: 64751 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16F1454T-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: 100432 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16F1454T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: 96517 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC16F1454-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: 67174 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC16F1454-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: 70483 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16F1454-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 64500 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC16F1454T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 79152 pcs<br/><div>RFQ</div></div> |  <div><b>PIC16F1454-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14DIP<br/>In stock: 75778 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC16F1455-E/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: 85448 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC16F1455-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: 75516 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC16F1455-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14DIP<br/>In stock: 70485 pcs<br/><div>RFQ</div></div>     |  <div><b>PIC16F1454-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: 78379 pcs<br/><div>RFQ</div></div>   |