

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF1454-E/ST

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1454-E/ST                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 14KB FLASH 14TSSOP                                                                               |
|                     |  1.PIC16LF1454-E/ST.pdf     |
|                     |  2.PIC16LF1454-E/ST.pdf     |
|                     |  3.PIC16LF1454-E/ST.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 70459 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

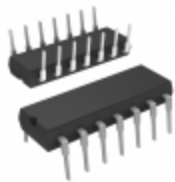
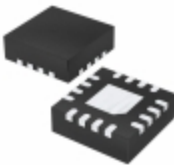
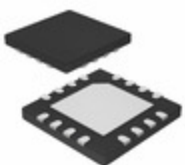
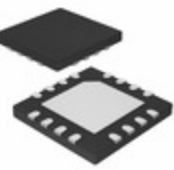
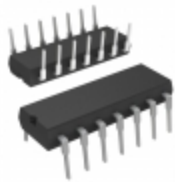
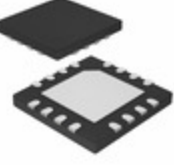
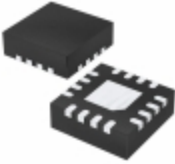
Specifications of PIC16LF1454-E/ST

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1454-E/ST                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 14TSSOP                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 70459 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.PIC16LF1454-E/ST.pdf<br> 2.PIC16LF1454-E/ST.pdf<br> 3.PIC16LF1454-E/ST.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 14-TSSOP                                                                                                                                                                                                                                                                                                                               |
| 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                        | Tube                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 14-TSSOP (0.173", 4.40mm Width)                                                                                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 14-TSSOP                                                                                                                                                                                                                                                         |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                      |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART, USB                                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | PIC16LF1454                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1454-E/ST | PIC16LF1454-E/ST Distributor           | PIC16LF1454-E/ST Supplier                               |
| PIC16LF1454-E/ST Price                         | PIC16LF1454-E/ST Pictures              | PIC16LF1454-E/ST Image                                  |
| PIC16LF1454-E/ST PDF Datasheet                 | PIC16LF1454-E/ST Download Datasheet    | PIC16LF1454-E/ST Datasheet                              |
| PIC16LF1454-E/ST Stock                         | Buy PIC16LF1454-E/ST                   | Buy Micrel / Microchip Technology PIC16LF1454-E/ST      |
| Micrel / Microchip Technology PIC16LF1454-E/ST | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16LF1454-E/ST | Microchip Technology PIC16LF1454-E/ST  | Roving Networks / Microchip Technology PIC16LF1454-E/ST |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
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|  <p><b>PIC16LF1454-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 76249 pcs</p> <p>RFQ</p> |  <p><b>PIC16LF1454-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14DIP<br/>In stock: 79557 pcs</p> <p>RFQ</p>    |
|  <p><b>PIC16LF1454-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: 80266 pcs</p> <p>RFQ</p>   |  <p><b>PIC16LF1454T-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: 89755 pcs</p> <p>RFQ</p> |
|  <p><b>PIC16LF1454-E/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: 92211 pcs</p> <p>RFQ</p>  |  <p><b>PIC16LCE625T-04I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB OTP 18SOIC<br/>In stock: 3812 pcs</p> <p>RFQ</p> |
|  <p><b>PIC16LCE625T-04I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB OTP 20SSOP<br/>In stock: 6954 pcs</p> <p>RFQ</p> |  <p><b>PIC16LF1454-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14DIP<br/>In stock: 58831 pcs</p> <p>RFQ</p>    |
|  <p><b>PIC16LF1454-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16UQFN<br/>In stock: 102822 pcs</p> <p>RFQ</p> |  <p><b>PIC16LF1454-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: 67309 pcs</p> <p>RFQ</p>  |
|  <p><b>PIC16LF1454-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: 92954 pcs</p> <p>RFQ</p>  |  <p><b>PIC16LF1454-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: 73201 pcs</p> <p>RFQ</p>   |