



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF1554-E/ST

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1554-E/ST                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB FLASH 14TSSOP                                                                                |
|                     |  1.PIC16LF1554-E/ST.pdf     |
|                     |  2.PIC16LF1554-E/ST.pdf     |
|                     |  3.PIC16LF1554-E/ST.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 131585 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

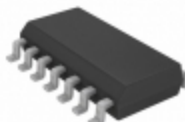
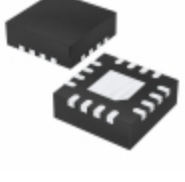
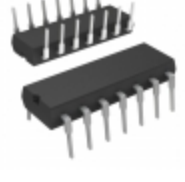
Specifications of PIC16LF1554-E/ST

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1554-E/ST                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 14TSSOP                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 131585 pcs                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.PIC16LF1554-E/ST.pdf<br> 2.PIC16LF1554-E/ST.pdf<br> 3.PIC16LF1554-E/ST.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 14-TSSOP                                                                                                                                                                                                                                                                                                                               |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 256 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                   | 14-TSSOP (0.173", 4.40mm Width)                                                                                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 11                                                                                                                                                                                                                                                                                                                                     |
| 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 32MHz 7KB (4K x 14) FLASH 14-TSSOP                                                                                                                                                                                                                                                          |
| DATA CONVERTERS                  | A/D 11x10b                                                                                                                                                                                                                                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | PIC16LF1554                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1554-E/ST | PIC16LF1554-E/ST Distributor           | PIC16LF1554-E/ST Supplier                               |
| PIC16LF1554-E/ST Price                         | PIC16LF1554-E/ST Pictures              | PIC16LF1554-E/ST Image                                  |
| PIC16LF1554-E/ST PDF Datasheet                 | PIC16LF1554-E/ST Download Datasheet    | PIC16LF1554-E/ST Datasheet                              |
| PIC16LF1554-E/ST Stock                         | Buy PIC16LF1554-E/ST                   | Buy Micrel / Microchip Technology PIC16LF1554-E/ST      |
| Micrel / Microchip Technology PIC16LF1554-E/ST | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16LF1554-E/ST | Microchip Technology PIC16LF1554-E/ST  | Roving Networks / Microchip Technology PIC16LF1554-E/ST |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16LF1554-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: 96196 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16LF15386-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 48TQFP<br/>In stock: 91553 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC16LF1554T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16QFN<br/>In stock: 132243 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC16LF15386T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 48TQFP<br/>In stock: 76732 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16LF1554-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16QFN<br/>In stock: 120643 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16LF1554-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14DIP<br/>In stock: 103725 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC16LF1554-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14TSSOP<br/>In stock: 88151 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC16LF1554T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: 126678 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC16LF1554-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16QFN<br/>In stock: 106911 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16LF1554-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: 132547 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC16LF15386T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 48UQFN<br/>In stock: 85685 pcs<br/><div>RFQ</div></div> |  <div><b>PIC16LF1554-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14DIP<br/>In stock: 97136 pcs<br/><div>RFQ</div></div>      |