

MICROCHIP

Micrel / Microchip Technology

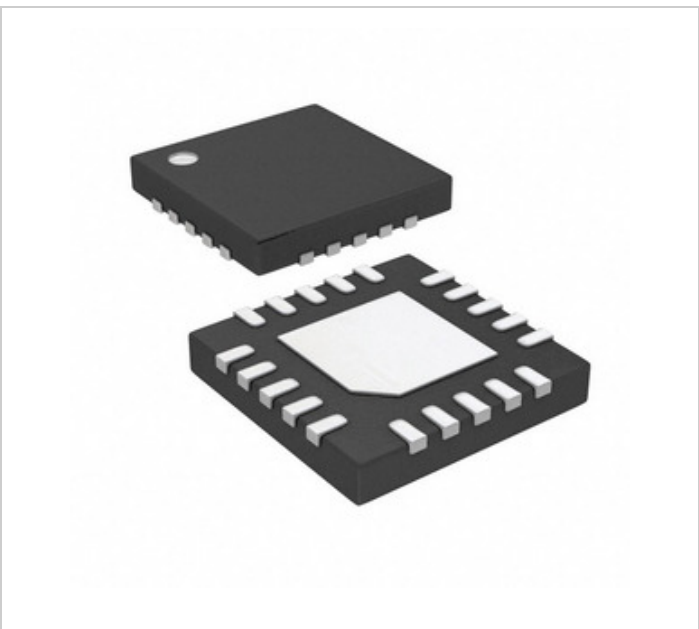


Image may be representation. See specifications for product details.

PIC16LF1579T-I/GZ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1579T-I/GZ                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 14KB FLASH 20UQFN                                                                                |
|                     |  1.PIC16LF1579T-I/GZ.pdf    |
|                     |  2.PIC16LF1579T-I/GZ.pdf    |
|                     |  3.PIC16LF1579T-I/GZ.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 87120 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

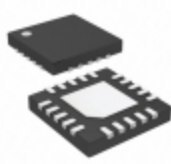
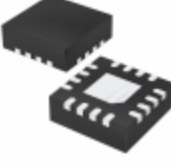
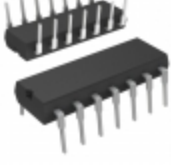
Specifications of PIC16LF1579T-I/GZ

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1579T-I/GZ                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 20UQFN                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 87120 pcs                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.PIC16LF1579T-I/GZ.pdf<br> 2.PIC16LF1579T-I/GZ.pdf<br> 3.PIC16LF1579T-I/GZ.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 20-UQFN (4x4)                                                                                                                                                                                                                                                                                                                             |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | PIC® 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                   | 20-UFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 18                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                         |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 20-UQFN (4x4)                                                                                                                                                                                                                                                            |
| DATA CONVERTERS                  | A/D 12x10b, D/A 1x5b                                                                                                                                                                                                                                                                                                                      |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | LINbus, UART/USART                                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | PIC16LF1579                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1579T-I/GZ | PIC16LF1579T-I/GZ Distributor          | PIC16LF1579T-I/GZ Supplier                               |
| PIC16LF1579T-I/GZ Price                         | PIC16LF1579T-I/GZ Pictures             | PIC16LF1579T-I/GZ Image                                  |
| PIC16LF1579T-I/GZ PDF Datasheet                 | PIC16LF1579T-I/GZ Download Datasheet   | PIC16LF1579T-I/GZ Datasheet                              |
| PIC16LF1579T-I/GZ Stock                         | Buy PIC16LF1579T-I/GZ                  | Buy Micrel / Microchip Technology PIC16LF1579T-I/GZ      |
| Micrel / Microchip Technology PIC16LF1579T-I/GZ | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16LF1579T-I/GZ | Microchip Technology PIC16LF1579T-I/GZ | Roving Networks / Microchip Technology PIC16LF1579T-I/GZ |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                           |
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|  <div><b>PIC16LF1579-I/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20UQFN<br/>In stock: 94327 pcs<br/>RFQ</div>   |  <div><b>PIC16LF1579-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SOIC<br/>In stock: 74080 pcs<br/>RFQ</div>    |
|  <div><b>PIC16LF1613-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: 124638 pcs<br/>RFQ</div> |  <div><b>PIC16LF1579T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br/>In stock: 102132 pcs<br/>RFQ</div>  |
|  <div><b>PIC16LF1579T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SOIC<br/>In stock: 84416 pcs<br/>RFQ</div>  |  <div><b>PIC16LF1613-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: 132722 pcs<br/>RFQ</div> |
|  <div><b>PIC16LF1579-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br/>In stock: 84468 pcs<br/>RFQ</div>   |  <div><b>PIC16LF1613-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: 111325 pcs<br/>RFQ</div>   |
|  <div><b>PIC16LF1613-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14DIP<br/>In stock: 97485 pcs<br/>RFQ</div>    |  <div><b>PIC16LF1579-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SOIC<br/>In stock: 75590 pcs<br/>RFQ</div>    |
|  <div><b>PIC16LF1579-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br/>In stock: 90926 pcs<br/>RFQ</div>   |  <div><b>PIC16LF1579-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20DIP<br/>In stock: 58755 pcs<br/>RFQ</div>      |