

PIC16LF1579T-I/SO





Part Number: [PIC16LF1579T-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 20SOIC

Data sheet:  [PIC16\(L\)F1574x Errata](#)  
 [PIC16\(L\)F1574,5,8,9 Datasheet](#)  
 [PIC12,16\(L\)F157x Brief](#)

RoHs Status: Lead free / RoHS Compliant

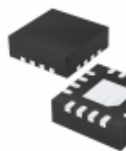
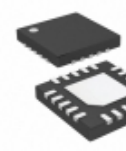
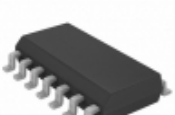
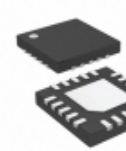
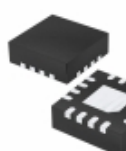
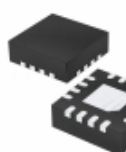
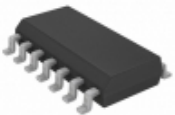
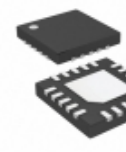
Ship From: Hong Kong

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                          |                                 |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC16LF1579T-I/SO                                                        | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 14KB FLASH 20SOIC                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 96164 pcs                                                                | Data sheet                      | <a href="#">PIC16(L)F1574x Errata</a><br><a href="#">PIC16(L)F1574,5,8,9 Datasheet</a><br><a href="#">PIC12,16(L)F157x Brief</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V                                                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20-SOIC                                                                  | 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-SOIC (0.295", 7.50mm Width)                                           | Oscillator Type                 | Internal                                                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                                                        | Number of I/O                   | 18                                                                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                            | Manufacturer Standard Lead Time | 13 Weeks                                                                                                                         |
| 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-SOIC | Data Converters                 | A/D 12x10b, D/A 1x5b                                                                                                             |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                    | Core Processor                  | PIC                                                                                                                              |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LINbus, UART/USART                                                       | Base Part Number                | PIC16LF1579                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
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