

MICROCHIP

Micrel / Microchip Technology

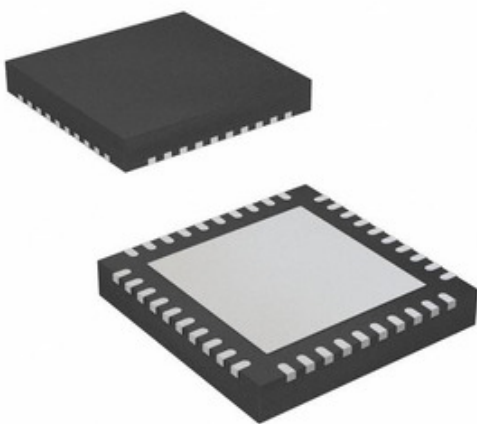


Image may be representation. See specifications for product details.

PIC16LF1789T-I/MV

Part Number: PIC16LF1789T-I/MV

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 28KB FLASH 40UQFN

Datasheets: [1.PIC16LF1789T-I/MV.pdf](#)  
[2.PIC16LF1789T-I/MV.pdf](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

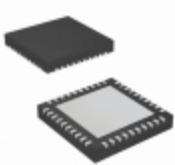
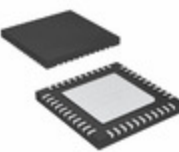
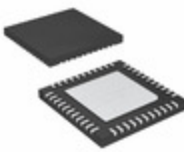
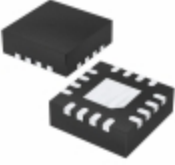
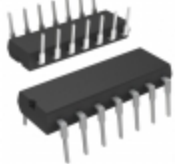
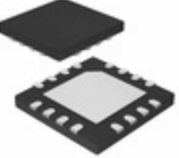
Specifications of PIC16LF1789T-I/MV

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1789T-I/MV                                                                    |
| MANUFACTURER                     | Micrel / Microchip Technology                                                        |
| DESCRIPTION                      | IC MCU 8BIT 28KB FLASH 40UQFN                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| DATA SHEET                       | <a href="#">1.PIC16LF1789T-I/MV.pdf</a><br><a href="#">2.PIC16LF1789T-I/MV.pdf</a>   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 40-UQFN (5x5)                                                                        |
| SPEED                            | 32MHz                                                                                |
| SERIES                           | PIC® XLP™ 16F                                                                        |
| RAM SIZE                         | 2K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 28KB (16K x 14)                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PSMC, PWM, WDT                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                     |
| PACKAGE / CASE                   | 40-UFQFN Exposed Pad                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| NUMBER OF I/O                    | 35                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| EEPROM SIZE                      | 256 x 8                                                                              |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 28KB (16K x 14) FLASH 40-UQFN (5x5) |
| DATA CONVERTERS                  | A/D 14x12b, D/A 1x8b, 3x5b                                                           |
| CORE SIZE                        | 8-Bit                                                                                |
| CORE PROCESSOR                   | PIC                                                                                  |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                         |
| BASE PART NUMBER                 | PIC16LF1789                                                                          |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1789T-I/MV | PIC16LF1789T-I/MV Distributor          | PIC16LF1789T-I/MV Supplier                               |
| PIC16LF1789T-I/MV Price                         | PIC16LF1789T-I/MV Pictures             | PIC16LF1789T-I/MV Image                                  |
| PIC16LF1789T-I/MV PDF Datasheet                 | PIC16LF1789T-I/MV Download Datasheet   | PIC16LF1789T-I/MV Datasheet                              |
| PIC16LF1789T-I/MV Stock                         | Buy PIC16LF1789T-I/MV                  | Buy Micrel / Microchip Technology PIC16LF1789T-I/MV      |
| Micrel / Microchip Technology PIC16LF1789T-I/MV | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16LF1789T-I/MV | Microchip Technology PIC16LF1789T-I/MV | Roving Networks / Microchip Technology PIC16LF1789T-I/MV |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16LF1789-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 40DIP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>PIC16LF1789-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 40UQFN<br/>In stock: 115 pcs<br/>RFQ</div>    |
|  <div><b>PIC16LF1823-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC16LF1789T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44TQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC16LF1789-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44TQFP<br/>In stock: 167 pcs<br/>RFQ</div>     |  <div><b>PIC16LF1789T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44QFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>PIC16LF1789-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44QFN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>PIC16LF1823-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>PIC16LF1789-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44TQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>PIC16LF1823-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14DIP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>PIC16LF1823-E/SL</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: Out stock<br/>RFQ</div>           |  <div><b>PIC16LF1823-E/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16UQFN<br/>In stock: Out stock<br/>RFQ</div> |