



Micrel / Microchip Technology

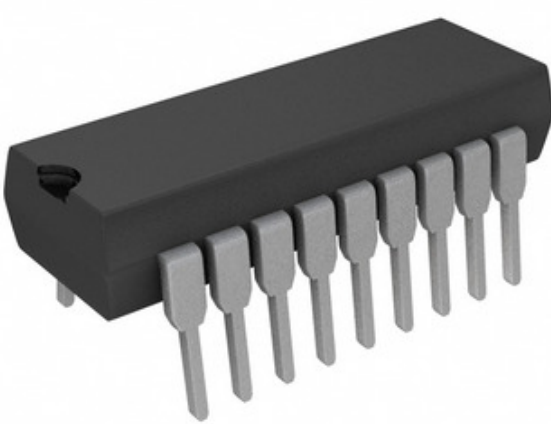


Image may be representation. See specifications for product details.

PIC16LF819-I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF819-I/P                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 3.5KB FLASH 18DIP                                                                                |
|                     | <a href="#">1.PIC16LF819-I/P.pdf</a>                                                                         |
|                     | <a href="#">2.PIC16LF819-I/P.pdf</a>                                                                         |
|                     | <a href="#">3.PIC16LF819-I/P.pdf</a>                                                                         |
|                     | <a href="#">4.PIC16LF819-I/P.pdf</a>                                                                         |
|                     | <a href="#">5.PIC16LF819-I/P.pdf</a>                                                                         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 35904 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

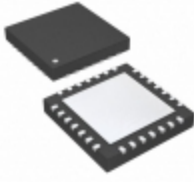
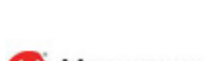
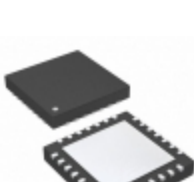
Specifications of PIC16LF819-I/P

|                                  |                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF819-I/P                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 18DIP                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 35904 pcs                                                                                                                                                                                            |
| DATA SHEET                       | <a href="#">1.PIC16LF819-I/P.pdf</a><br><a href="#">2.PIC16LF819-I/P.pdf</a><br><a href="#">3.PIC16LF819-I/P.pdf</a><br><a href="#">4.PIC16LF819-I/P.pdf</a><br><a href="#">5.PIC16LF819-I/P.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 18-PDIP                                                                                                                                                                                              |
| SPEED                            | 10MHz                                                                                                                                                                                                |
| SERIES                           | PIC® 16F                                                                                                                                                                                             |
| RAM SIZE                         | 256 x 8                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 3.5KB (2K x 14)                                                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                |
| PACKAGING                        | Tube                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 18-DIP (0.300" , 7.62mm)                                                                                                                                                                             |
| OTHER NAMES                      | PIC16LF819P                                                                                                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                    |
| NUMBER OF I/O                    | 16                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | Not Applicable                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                           |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                              |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 10MHz 3.5KB (2K x 14) FLASH 18-PDIP                                                                                                                            |
| DATA CONVERTERS                  | A/D 5x10b                                                                                                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, SPI                                                                                                                                                                                             |
| BASE PART NUMBER                 | PIC16LF819                                                                                                                                                                                           |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF819-I/P | PIC16LF819-I/P Distributor             | PIC16LF819-I/P Supplier                               |
| PIC16LF819-I/P Price                         | PIC16LF819-I/P Pictures                | PIC16LF819-I/P Image                                  |
| PIC16LF819-I/P PDF Datasheet                 | PIC16LF819-I/P Download Datasheet      | PIC16LF819-I/P Datasheet                              |
| PIC16LF819-I/P Stock                         | Buy PIC16LF819-I/P                     | Buy Micrel / Microchip Technology PIC16LF819-I/P      |
| Micrel / Microchip Technology PIC16LF819-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC16LF819-I/P | Microchip Technology PIC16LF819-I/P    | Roving Networks / Microchip Technology PIC16LF819-I/P |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |
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|  <div><b>PIC16LF819-I/PTSL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 18DIP<br/>In stock: 41700 pcs</div> <div>RFQ</div>     |  <div><b>PIC16LF819-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28QFN<br/>In stock: 39488 pcs</div> <div>RFQ</div>      |
|  <div><b>PIC16LF819-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br/>In stock: 43843 pcs</div> <div>RFQ</div>      |  <div><b>PIC16LF819-I/SOTSL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC<br/>In stock: 32524 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC16LF818T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC<br/>In stock: 40756 pcs</div> <div>RFQ</div>    |  <div><b>PIC16LF819-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC<br/>In stock: 43947 pcs</div> <div>RFQ</div>     |
|  <div><b>PIC16LF819T-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br/>In stock: 6324 pcs</div> <div>RFQ</div>      |  <div><b>PIC16LF818T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP<br/>In stock: 37886 pcs</div> <div>RFQ</div>   |
|  <div><b>PIC16LF819-I/SSTSL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br/>In stock: 31907 pcs</div> <div>RFQ</div>   |  <div><b>PIC16LF818T-I/SOTSL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC<br/>In stock: 6745 pcs</div> <div>RFQ</div> |
|  <div><b>PIC16LF818T-I/SSTSL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP<br/>In stock: 36446 pcs</div> <div>RFQ</div> |  <div><b>PIC16LF819-I/MLTSL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28QFN<br/>In stock: 6595 pcs</div> <div>RFQ</div>    |