

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF18456-I/SP

|                     |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF18456-I/SP                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                             |
| Product description | IC MCU 8BIT 28KB FLASH 28DIP                                                                              |
| Datasheets:         |  1.PIC16LF18456-I/SP.pdf |
|                     |  2.PIC16LF18456-I/SP.pdf |
| Stock Condition     | 48951 pcs stock                                                                                           |
| Ship From           | Hong Kong                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                     |

REQUEST FOR QUOTATION

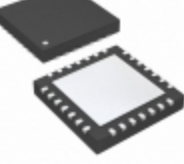
Specifications of PIC16LF18456-I/SP

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF18456-I/SP                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 28KB FLASH 28DIP                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 48951 pcs                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.PIC16LF18456-I/SP.pdf<br> 2.PIC16LF18456-I/SP.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                                                                                                                   |
| 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, PWM, WDT                                                                                                                                                                                      |
| PACKAGING                        | Tube                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 28-DIP (0.300", 7.62mm)                                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 26                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | Not Applicable                                                                                                                                                                                                             |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 28KB (16K x 14) FLASH 28-SPDIP                                                                                                                                            |
| DATA CONVERTERS                  | A/D 24x12b, D/A 1x5b                                                                                                                                                                                                       |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                        |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                               |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF18456-I/SP | PIC16LF18456-I/SP Distributor          | PIC16LF18456-I/SP Supplier                               |
| PIC16LF18456-I/SP Price                         | PIC16LF18456-I/SP Pictures             | PIC16LF18456-I/SP Image                                  |
| PIC16LF18456-I/SP PDF Datasheet                 | PIC16LF18456-I/SP Download Datasheet   | PIC16LF18456-I/SP Datasheet                              |
| PIC16LF18456-I/SP Stock                         | Buy PIC16LF18456-I/SP                  | Buy Micrel / Microchip Technology PIC16LF18456-I/SP      |
| Micrel / Microchip Technology PIC16LF18456-I/SP | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16LF18456-I/SP | Microchip Technology PIC16LF18456-I/SP | Roving Networks / Microchip Technology PIC16LF18456-I/SP |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16LF18456-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SSOP<br/>In stock: 55733 pcs<br/>RFQ</div>  |  <div><b>PIC16LF18456-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>In stock: 59041 pcs<br/>RFQ</div>  |
|  <div><b>PIC16LF18455T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: 78645 pcs<br/>RFQ</div> |  <div><b>PIC16LF18456-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>In stock: 69177 pcs<br/>RFQ</div>  |
|  <div><b>PIC16LF18456T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SSOP<br/>In stock: 63785 pcs<br/>RFQ</div> |  <div><b>PIC16LF18456-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SSOP<br/>In stock: 70254 pcs<br/>RFQ</div>  |
|  <div><b>PIC16LF18455T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: 81019 pcs<br/>RFQ</div> |  <div><b>PIC16LF1847-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28QFN<br/>In stock: 54278 pcs<br/>RFQ</div>    |
|  <div><b>PIC16LF1847-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 18DIP<br/>In stock: 60722 pcs<br/>RFQ</div>     |  <div><b>PIC16LF1847-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br/>In stock: 53827 pcs<br/>RFQ</div>   |
|  <div><b>PIC16LF18456-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28DIP<br/>In stock: 49123 pcs<br/>RFQ</div>   |  <div><b>PIC16LF18456T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>In stock: 60689 pcs<br/>RFQ</div> |