

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F1518-E/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1518-E/SO                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 28KB FLASH 28SOIC                                                                                |
| Datasheets:         |  1.PIC16F1518-E/SO.pdf      |
|                     |  2.PIC16F1518-E/SO.pdf      |
|                     |  3.PIC16F1518-E/SO.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 66525 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

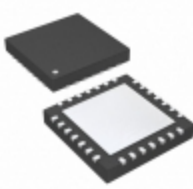
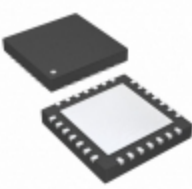
Specifications of PIC16F1518-E/SO

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1518-E/SO                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 28KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 66525 pcs                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.PIC16F1518-E/SO.pdf<br> 2.PIC16F1518-E/SO.pdf<br> 3.PIC16F1518-E/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                             |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 1K 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-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 20MHz 28KB (16K x 14) FLASH 28-SOIC                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 17x10b                                                                                                                                                                                                                                                                                                                          |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | PIC16F1518                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1518-E/SO | PIC16F1518-E/SO Distributor            | PIC16F1518-E/SO Supplier                               |
| PIC16F1518-E/SO Price                         | PIC16F1518-E/SO Pictures               | PIC16F1518-E/SO Image                                  |
| PIC16F1518-E/SO PDF Datasheet                 | PIC16F1518-E/SO Download Datasheet     | PIC16F1518-E/SO Datasheet                              |
| PIC16F1518-E/SO Stock                         | Buy PIC16F1518-E/SO                    | Buy Micrel / Microchip Technology PIC16F1518-E/SO      |
| Micrel / Microchip Technology PIC16F1518-E/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1518-E/SO | Microchip Technology PIC16F1518-E/SO   | Roving Networks / Microchip Technology PIC16F1518-E/SO |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16F1518-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28QFN<br/>In stock: 57861 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC16F1518-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28QFN<br/>In stock: 63764 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC16F1518-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28UQFN<br/>In stock: 63021 pcs<br/><b>RFQ</b></div> |  <div><b>PIC16F1518-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SDIP<br/>In stock: 56672 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC16F1518-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>In stock: 67112 pcs<br/><b>RFQ</b></div> |  <div><b>PIC16F1517T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40UQFN<br/>In stock: 55752 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC16F1517-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40DIP<br/>In stock: 46666 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC16F1517T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 44TQFP<br/>In stock: 48676 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC16F1518-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SSOP<br/>In stock: 72196 pcs<br/><b>RFQ</b></div> |  <div><b>PIC16F1518-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SDIP<br/>In stock: 50078 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC16F1518-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28UQFN<br/>In stock: 66760 pcs<br/><b>RFQ</b></div> |  <div><b>PIC16F1517-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 44TQFP<br/>In stock: 56186 pcs<br/><b>RFQ</b></div>  |