

MICROCHIP

Micrel / Microchip Technology



PIC16F1618-I/SS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1618-I/SS                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB FLASH 20SSOP                                                                                 |
|                     |  1.PIC16F1618-I/SS.pdf      |
|                     |  2.PIC16F1618-I/SS.pdf      |
|                     |  3.PIC16F1618-I/SS.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 86890 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

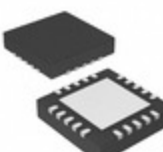
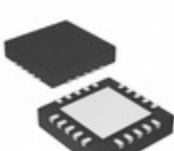
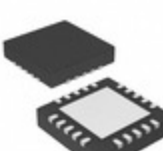
Specifications of PIC16F1618-I/SS

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1618-I/SS                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 20SSOP                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 86890 pcs                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.PIC16F1618-I/SS.pdf<br> 2.PIC16F1618-I/SS.pdf<br> 3.PIC16F1618-I/SS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 20-SSOP                                                                                                                                                                                                                                                                                                                             |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 512 x 8                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 7KB (4K x 14)                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 20-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 18                                                                                                                                                                                                                                                                                                                                  |
| 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 32MHz 7KB (4K x 14) FLASH 20-SSOP                                                                                                                                                                                                                                                        |
| DATA CONVERTERS                  | A/D 12x10b, D/A 1x8b                                                                                                                                                                                                                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | PIC16F1618                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1618-I/SS | PIC16F1618-I/SS Distributor            | PIC16F1618-I/SS Supplier                               |
| PIC16F1618-I/SS Price                         | PIC16F1618-I/SS Pictures               | PIC16F1618-I/SS Image                                  |
| PIC16F1618-I/SS PDF Datasheet                 | PIC16F1618-I/SS Download Datasheet     | PIC16F1618-I/SS Datasheet                              |
| PIC16F1618-I/SS Stock                         | Buy PIC16F1618-I/SS                    | Buy Micrel / Microchip Technology PIC16F1618-I/SS      |
| Micrel / Microchip Technology PIC16F1618-I/SS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1618-I/SS | Microchip Technology PIC16F1618-I/SS   | Roving Networks / Microchip Technology PIC16F1618-I/SS |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                   |
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|  MICROCHIP<br><b>PIC16F1618T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br>In stock: 122551 pcs<br><b>RFQ</b> | <br><b>PIC16F1619-E/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 20DIP<br>In stock: 53853 pcs<br><b>RFQ</b>    |
| <br><b>PIC16F1618-I/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 20DIP<br>In stock: 72506 pcs<br><b>RFQ</b>               | <br><b>PIC16F1618T-I/GZ</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 20UQFN<br>In stock: 116995 pcs<br><b>RFQ</b> |
|  MICROCHIP<br><b>PIC16F1618-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br>In stock: 71520 pcs<br><b>RFQ</b>   | <br><b>PIC16F1618-I/GZ</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 20UQFN<br>In stock: 114496 pcs<br><b>RFQ</b>  |
| <br><b>PIC16F1618-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br>In stock: 80638 pcs<br><b>RFQ</b>             | <br><b>PIC16F1618T-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 20QFN<br>In stock: 91982 pcs<br><b>RFQ</b>   |
| <br><b>PIC16F1619-E/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB FLASH 20QFN<br>In stock: 79133 pcs<br><b>RFQ</b>             | <br><b>PIC16F1618-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 20QFN<br>In stock: 92964 pcs<br><b>RFQ</b>    |
| <br><b>PIC16F1618-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br>In stock: 83333 pcs<br><b>RFQ</b>             | <br><b>PIC16F1618T-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br>In stock: 83947 pcs<br><b>RFQ</b>  |