



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF1828-E/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1828-E/P                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB FLASH 20DIP                                                                                  |
| Datasheets:         | <a href="#">1.PIC16LF1828-E/P.pdf</a><br><a href="#">2.PIC16LF1828-E/P.pdf</a>                               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

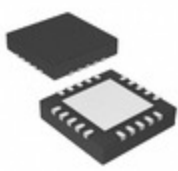
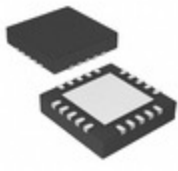
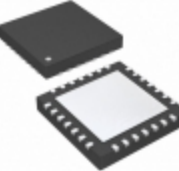
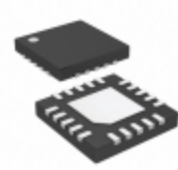
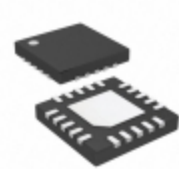
Specifications of PIC16LF1828-E/P

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF1828-E/P                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                          |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 20DIP                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| DATA SHEET                       | <a href="#">PDF 1.PIC16LF1828-E/P.pdf</a><br><a href="#">PDF 2.PIC16LF1828-E/P.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                          |
| SUPPLIER DEVICE PACKAGE          | 20-PDIP                                                                                |
| SPEED                            | 32MHz                                                                                  |
| SERIES                           | PIC® XLP™ mTouch™ 16F                                                                  |
| RAM SIZE                         | 256 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-DIP (0.300", 7.62mm)                                                                |
| OSCILLATOR TYPE                  | Internal                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                     |
| NUMBER OF I/O                    | 17                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| EEPROM SIZE                      | 256 x 8                                                                                |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ mTouch™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 20-PDIP   |
| DATA CONVERTERS                  | A/D 12x10b                                                                             |
| CORE SIZE                        | 8-Bit                                                                                  |
| CORE PROCESSOR                   | PIC                                                                                    |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                   |
| BASE PART NUMBER                 | PIC16LF1828                                                                            |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1828-E/P | PIC16LF1828-E/P Distributor            | PIC16LF1828-E/P Supplier                               |
| PIC16LF1828-E/P Price                         | PIC16LF1828-E/P Pictures               | PIC16LF1828-E/P Image                                  |
| PIC16LF1828-E/P PDF Datasheet                 | PIC16LF1828-E/P Download Datasheet     | PIC16LF1828-E/P Datasheet                              |
| PIC16LF1828-E/P Stock                         | Buy PIC16LF1828-E/P                    | Buy Micrel / Microchip Technology PIC16LF1828-E/P      |
| Micrel / Microchip Technology PIC16LF1828-E/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16LF1828-E/P | Microchip Technology PIC16LF1828-E/P   | Roving Networks / Microchip Technology PIC16LF1828-E/P |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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|  <div><b>PIC16LF1828-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>PIC16LF1828-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>PIC16LF1827T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28UQFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>PIC16LF1828-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br/>In stock: 132 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>PIC16LF1828-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20QFN<br/>In stock: 311 pcs<br/><a href="#">RFQ</a></div>     |  <div><b>PIC16LF1827T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>PIC16LF1827T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>PIC16LF1827T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 18SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>PIC16LF1828-E/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20UQFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>PIC16LF1828-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |
|  <div><b>PIC16LF1828-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>PIC16LF1828-I/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20UQFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |