

MICROCHIP

Micrel / Microchip Technology

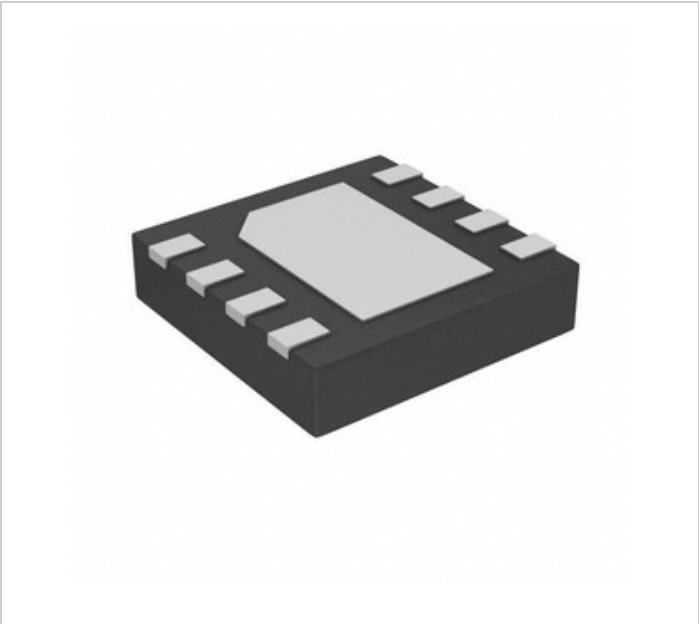


Image may be representation. See specifications for product details.

PIC12F1822-E/MF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC12F1822-E/MF                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 3.5KB FLASH 8DFN                                                                                 |
|                     |  1.PIC12F1822-E/MF.pdf      |
|                     |  2.PIC12F1822-E/MF.pdf      |
|                     |  3.PIC12F1822-E/MF.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 67690 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

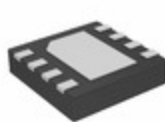
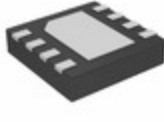
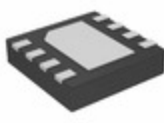
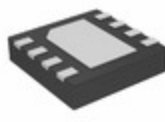
Specifications of PIC12F1822-E/MF

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC12F1822-E/MF                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 8DFN                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 67690 pcs                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.PIC12F1822-E/MF.pdf<br> 2.PIC12F1822-E/MF.pdf<br> 3.PIC12F1822-E/MF.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 8-DFN-EP (3x3)                                                                                                                                                                                                                                                                                                                      |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | PIC® XLP™ 12F                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 128 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                   | 8-VDFN Exposed Pad                                                                                                                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 6                                                                                                                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 12F Microcontroller IC 8-Bit 32MHz 3.5KB (2K x 14) FLASH 8-DFN-EP (3x3)                                                                                                                                                                                                                                               |
| DATA CONVERTERS                  | A/D 4x10b, D/A 1x5b                                                                                                                                                                                                                                                                                                                 |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | PIC12F1822                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC12F1822-E/MF | PIC12F1822-E/MF Distributor            | PIC12F1822-E/MF Supplier                               |
| PIC12F1822-E/MF Price                         | PIC12F1822-E/MF Pictures               | PIC12F1822-E/MF Image                                  |
| PIC12F1822-E/MF PDF Datasheet                 | PIC12F1822-E/MF Download Datasheet     | PIC12F1822-E/MF Datasheet                              |
| PIC12F1822-E/MF Stock                         | Buy PIC12F1822-E/MF                    | Buy Micrel / Microchip Technology PIC12F1822-E/MF      |
| Micrel / Microchip Technology PIC12F1822-E/MF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC12F1822-E/MF | Microchip Technology PIC12F1822-E/MF   | Roving Networks / Microchip Technology PIC12F1822-E/MF |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC12F1612-I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8DFN<br/>In stock: 83866 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC12F1822-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC<br/>In stock: 82512 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC12F1822-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8DIP<br/>In stock: 74878 pcs<br/><div>RFQ</div></div>     |  <div><b>PIC12F1612T-I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8DFN<br/>In stock: 113888 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC12F1612-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC<br/>In stock: 123644 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC12F1822-I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8DFN<br/>In stock: 86237 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC12F1612T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC<br/>In stock: 161150 pcs<br/><div>RFQ</div></div> |  <div><b>PIC12F1822-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8DIP<br/>In stock: 75208 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC12F1612-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC<br/>In stock: 111392 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC12F1822-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC<br/>In stock: 91483 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC12F1822T-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8DFN<br/>In stock: 91592 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC12F1612-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8DIP<br/>In stock: 99356 pcs<br/><div>RFQ</div></div>    |