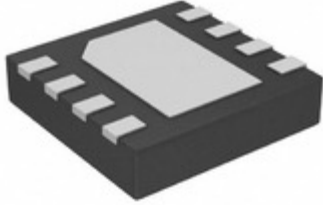


PIC12LF1822T-I/MF





Part Number: [PIC12LF1822T-I/MF](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 8DFN

Data sheet:  [PIC12\(L\)F1822, PIC16\(L\)F1823](#)  
 [PIC12\(L\)F1822,PIC16\(L\)F1823 Errata & Data Sheet CI](#)

RoHs Status: Lead free / RoHS Compliant

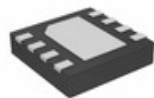
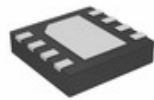
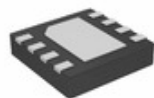
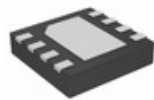
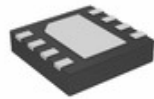
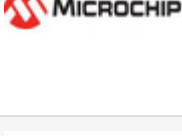
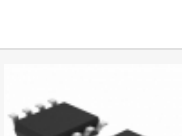
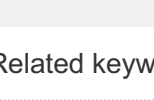
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC12LF1822T-I/MF                         | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 3.5KB FLASH 8DFN              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 67053 pcs                                 | Data sheet                       | <a href="#">PIC12(L)F1822, PIC16(L)F1823</a><br><a href="#">PIC12(L)F1822,PIC16(L)F1823 Errata &amp; Data Sheet CI</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 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                        | Tape & Reel (TR)                                                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8-VDFN Exposed Pad                        | Other Names                      | PIC12LF1822T-I/MF-ND<br>PIC12LF1822T-I/MFTR                                                                            |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12 Weeks                                  | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC12LF1822                               |                                  |                                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC12LF1612T-I/MF</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8DFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1840T-I/MF</a><br>Description: IC MCU 8BIT 7KB FLASH 8DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1822-E/SN</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1822-I/SN</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1822T-I/RF</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8UDFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1822-E/MF</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1822-I/MF</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1840-E/P</a><br>Description: IC MCU 8BIT 7KB FLASH 8DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1822-I/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1612T-I/SN</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1840-I/MF</a><br>Description: IC MCU 8BIT 7KB FLASH 8DFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1612-I/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1840-I/P</a><br>Description: IC MCU 8BIT 7KB FLASH 8DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1840-I/SN</a><br>Description: IC MCU 8BIT 7KB FLASH 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12LF1822-E/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|                                                 |                                        |                                                             |                         |
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