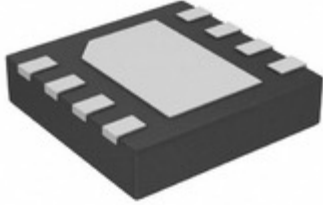


PIC12F1822-E/MF



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: [PIC12F1822-E/MF](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 8DFN

Data sheet:  [PIC12\(L\)F1822, PIC16\(L\)F1823](#)  
 [PIC12F1822, PIC16F182x Brief](#)  
 [PIC12\(L\)F1822,PIC16\(L\)F1823 Errata & Data Sheet CI](#)

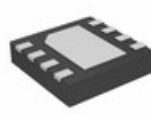
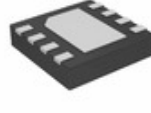
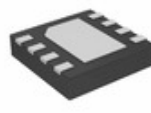
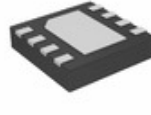
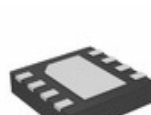
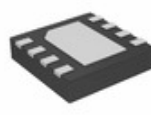
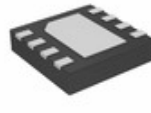
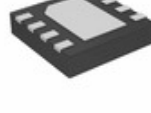
RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |                                 |                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC12F1822-E/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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 84142 pcs                                                                             | Data sheet                      | <a href="#">PIC12(L)F1822, PIC16(L)F1823</a><br><a href="#">PIC12F1822, PIC16F182x Brief</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)      | <a href="#">Sheet CI</a><br>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)                                                                         | Manufacturer Standard Lead Time | 7 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                | PIC12F1822                                                                                                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC12F1572T-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="#">PIC12F1822T-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="#">PIC12F1822-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="#">PIC12F1572T-I/SN</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12F1612T-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="#">PIC12F1822-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="#">PIC12F1612-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="#">PIC12F1822-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="#">PIC12F1822-E/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12F1612-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="#">PIC12F1822T-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="#">PIC12F1822-I/SN</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC12F1612T-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="#">PIC12F1612-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="#">PIC12F1840-E/MF</a><br>Description: IC MCU 8BIT 7KB FLASH 8DFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12F1822T-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="#">PIC12F1822T-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="#">PIC12F1612-I/MF</a><br>Description: IC MCU 8BIT 3.5KB FLASH 8DFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                               |                                      |                                        |                       |
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| Related keywords for <b>PIC12F1822-E/MF</b>   |                                      |                                        |                       |
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