



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC12F1822T-I/SN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC12F1822T-I/SN                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 3.5KB FLASH 8SOIC                                                                                |
| Datasheets:         |  1.PIC12F1822T-I/SN.pdf     |
|                     |  2.PIC12F1822T-I/SN.pdf     |
|                     |  3.PIC12F1822T-I/SN.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 97094 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

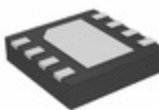
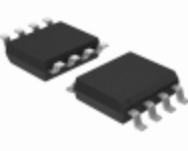
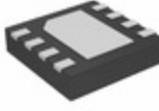
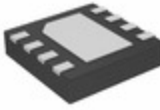
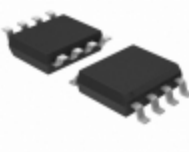
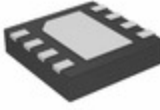
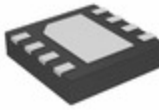
Specifications of PIC12F1822T-I/SN

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC12F1822T-I/SN                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 8SOIC                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 97094 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.PIC12F1822T-I/SN.pdf<br> 2.PIC12F1822T-I/SN.pdf<br> 3.PIC12F1822T-I/SN.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                                                                                                                                                                                                                                 |
| 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-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                                                                                                                                          |
| OTHER NAMES                      | PIC12F1822T-I/SN-ND<br>PIC12F1822T-I/SNTR                                                                                                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°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-SOIC                                                                                                                                                                                                                                                          |
| 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 PIC12F1822T-I/SN | PIC12F1822T-I/SN Distributor           | PIC12F1822T-I/SN Supplier                               |
| PIC12F1822T-I/SN Price                         | PIC12F1822T-I/SN Pictures              | PIC12F1822T-I/SN Image                                  |
| PIC12F1822T-I/SN PDF Datasheet                 | PIC12F1822T-I/SN Download Datasheet    | PIC12F1822T-I/SN Datasheet                              |
| PIC12F1822T-I/SN Stock                         | Buy PIC12F1822T-I/SN                   | Buy Micrel / Microchip Technology PIC12F1822T-I/SN      |
| Micrel / Microchip Technology PIC12F1822T-I/SN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC12F1822T-I/SN | Microchip Technology PIC12F1822T-I/SN  | Roving Networks / Microchip Technology PIC12F1822T-I/SN |

Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC12F1840-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8SOIC<br/>In stock: 78868 pcs<br/><b>RFQ</b></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/><b>RFQ</b></div>    |
|  <div><b>PIC12F1840-I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8DFN<br/>In stock: 68053 pcs<br/><b>RFQ</b></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/><b>RFQ</b></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/><b>RFQ</b></div>  |  <div><b>PIC12F1840-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8DIP<br/>In stock: 69483 pcs<br/><b>RFQ</b></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/><b>RFQ</b></div> |  <div><b>PIC12F1822T-I/RF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8UDFN<br/>In stock: 96908 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC12F1840-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8SOIC<br/>In stock: 78468 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC12F1822T-I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 8DFN<br/>In stock: 94965 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC12F1840-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8DFN<br/>In stock: 62019 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC12F1840-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8DIP<br/>In stock: 84655 pcs<br/><b>RFQ</b></div>      |