



PIC12F510T-I/MS

|                     |                               |
|---------------------|-------------------------------|
| Part Number:        | PIC12F510T-I/MS               |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description | IC MCU 8BIT 1.5KB FLASH 8MSOP |
|                     | 1.PIC12F510T-I/MS.pdf         |
|                     | 2.PIC12F510T-I/MS.pdf         |
|                     | 3.PIC12F510T-I/MS.pdf         |
|                     | 4.PIC12F510T-I/MS.pdf         |
| Datasheets:         |                               |
| RoHs Status         | Lead free / RoHS Compliant    |
| Stock Condition     | 132152 pcs stock              |
| Ship From           | Hong Kong                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS         |

REQUEST FOR QUOTATION

Specifications of PIC12F510T-I/MS

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC12F510T-I/MS                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 1.5KB FLASH 8MSOP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 132152 pcs                                                                                       |
| DATA SHEET                       | 1.PIC12F510T-I/MS.pdf<br>2.PIC12F510T-I/MS.pdf<br>3.PIC12F510T-I/MS.pdf<br>4.PIC12F510T-I/MS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP                                                                                           |
| SPEED                            | 8MHz                                                                                             |
| SERIES                           | PIC® 12F                                                                                         |
| RAM SIZE                         | 38 x 8                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                            |
| PROGRAM MEMORY SIZE              | 1.5KB (1K x 12)                                                                                  |
| PERIPHERALS                      | POR, WDT                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                 |
| PACKAGE / CASE                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                           |
| OTHER NAMES                      | PIC12F510T-I/MS-ND<br>PIC12F510T-I/MSTR                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                |
| NUMBER OF I/O                    | 5                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| EEPROM SIZE                      | -                                                                                                |
| DETAILED DESCRIPTION             | PIC PIC® 12F Microcontroller IC 8-Bit 8MHz 1.5KB (1K x 12) FLASH 8-MSOP                          |
| DATA CONVERTERS                  | A/D 4x8b                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                            |
| CORE PROCESSOR                   | PIC                                                                                              |
| CONNECTIVITY                     | -                                                                                                |
| BASE PART NUMBER                 | PIC12F510                                                                                        |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC12F510T-I/MS | PIC12F510T-I/MS Distributor            | PIC12F510T-I/MS Supplier                               |
| PIC12F510T-I/MS Price                         | PIC12F510T-I/MS Pictures               | PIC12F510T-I/MS Image                                  |
| PIC12F510T-I/MS PDF Datasheet                 | PIC12F510T-I/MS Download Datasheet     | PIC12F510T-I/MS Datasheet                              |
| PIC12F510T-I/MS Stock                         | Buy PIC12F510T-I/MS                    | Buy Micrel / Microchip Technology PIC12F510T-I/MS      |
| Micrel / Microchip Technology PIC12F510T-I/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC12F510T-I/MS | Microchip Technology PIC12F510T-I/MS   | Roving Networks / Microchip Technology PIC12F510T-I/MS |

Related Products

|                                                                                                                                                                  |                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>PIC12F519-I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DFN<br/>In stock: 132791 pcs</p> <p>RFQ</p>  | <p><b>PIC12F510-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DIP<br/>In stock: 111285 pcs</p> <p>RFQ</p>    |
| <p><b>PIC12F519-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DFN<br/>In stock: 148799 pcs</p> <p>RFQ</p>  | <p><b>PIC12F510-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8MSOP<br/>In stock: 112251 pcs</p> <p>RFQ</p>  |
| <p><b>PIC12F510-I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DFN<br/>In stock: 134918 pcs</p> <p>RFQ</p>  | <p><b>PIC12F510T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8SOIC<br/>In stock: 139650 pcs</p> <p>RFQ</p> |
| <p><b>PIC12F510-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8SOIC<br/>In stock: 142275 pcs</p> <p>RFQ</p> | <p><b>PIC12F519-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8SOIC<br/>In stock: 139762 pcs</p> <p>RFQ</p>  |
| <p><b>PIC12F510-I/SN</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8SOIC<br/>In stock: 133117 pcs</p> <p>RFQ</p>          | <p><b>PIC12F519-E/P</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DIP<br/>In stock: 124150 pcs</p> <p>RFQ</p>             |
| <p><b>PIC12F519-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8MSOP<br/>In stock: 126530 pcs</p> <p>RFQ</p> | <p><b>PIC12F510T-I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DFN<br/>In stock: 149650 pcs</p> <p>RFQ</p>  |