

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16C781T-I/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16C781T-I/SO                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 1.75KB OTP 20SOIC                                                                                |
|                     |  1.PIC16C781T-I/SO.pdf      |
|                     |  2.PIC16C781T-I/SO.pdf      |
|                     |  3.PIC16C781T-I/SO.pdf      |
|                     |  4.PIC16C781T-I/SO.pdf      |
|                     |  5.PIC16C781T-I/SO.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 32378 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PIC16C781T-I/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16C781T-I/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 1.75KB OTP 20SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 32378 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.PIC16C781T-I/SO.pdf<br> 2.PIC16C781T-I/SO.pdf<br> 3.PIC16C781T-I/SO.pdf<br> 4.PIC16C781T-I/SO.pdf<br> 5.PIC16C781T-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 20-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | PIC® 16C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RAM SIZE                         | 128 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PROGRAM MEMORY SIZE              | 1.75KB (1K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OTHER NAMES                      | PIC16C781TI/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| NUMBER OF I/O                    | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | PIC PIC® 16C Microcontroller IC 8-Bit 20MHz 1.75KB (1K x 14) OTP 20-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 8x8b; D/A 1x8b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| BASE PART NUMBER                 | PIC16C781                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16C781T-I/SO | PIC16C781T-I/SO Distributor            | PIC16C781T-I/SO Supplier                               |
| PIC16C781T-I/SO Price                         | PIC16C781T-I/SO Pictures               | PIC16C781T-I/SO Image                                  |
| PIC16C781T-I/SO PDF Datasheet                 | PIC16C781T-I/SO Download Datasheet     | PIC16C781T-I/SO Datasheet                              |
| PIC16C781T-I/SO Stock                         | Buy PIC16C781T-I/SO                    | Buy Micrel / Microchip Technology PIC16C781T-I/SO      |
| Micrel / Microchip Technology PIC16C781T-I/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16C781T-I/SO | Microchip Technology PIC16C781T-I/SO   | Roving Networks / Microchip Technology PIC16C781T-I/SO |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                     |
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|  <p><b>PIC16C77T-20I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 44TQFP<br/>In stock: 2864 pcs</p> <p>RFQ</p>   |  <p><b>PIC16C781-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB OTP 20DIP<br/>In stock: 29334 pcs</p> <p>RFQ</p>   |
|  <p><b>PIC16C781-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB OTP 20SOIC<br/>In stock: 30792 pcs</p> <p>RFQ</p>  |  <p><b>PIC16C781-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB OTP 20SSOP<br/>In stock: 25886 pcs</p> <p>RFQ</p> |
|  <p><b>PIC16C782T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB OTP 20SOIC<br/>In stock: 30330 pcs</p> <p>RFQ</p>  |  <p><b>PIC16C77T-20I/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 44MQFP<br/>In stock: 3305 pcs</p> <p>RFQ</p>  |
|  <p><b>PIC16C781T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB OTP 20SSOP<br/>In stock: 23689 pcs</p> <p>RFQ</p> |  <p><b>PIC16C782/JW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB EPROM 20CDIP<br/>In stock: 6385 pcs</p> <p>RFQ</p>   |
|  <p><b>PIC16C782-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB OTP 20DIP<br/>In stock: 24331 pcs</p> <p>RFQ</p>     |  <p><b>PIC16C782-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB OTP 20SSOP<br/>In stock: 29208 pcs</p> <p>RFQ</p>  |
|  <p><b>PIC16C782-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB OTP 20SOIC<br/>In stock: 26513 pcs</p> <p>RFQ</p>   |  <p><b>PIC16C781/JW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB EPROM 20CDIP<br/>In stock: 4229 pcs</p> <p>RFQ</p>  |