

PIC16C55-10I/SP



Part Number: [PIC16C55-10I/SP](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 768B OTP 28SDIP

Data sheet:  [Tips N Tricks Guide](#)  
 [PIC16C5x Data Sheet](#)  
 [MPLAB® ICE2000 Spec](#)

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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                          |                                 |                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16C55-10I/SP                                                          | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 768B OTP 28SDIP                                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 22269 pcs                                                                | Data sheet                      | <a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16C5x Data Sheet</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 5.5 V                                                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 28-SPDIP                                                                 | Speed                           | 10MHz                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 16C                                                                 | RAM Size                        | 25 x 8                                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | OTP                                                                      | Program Memory Size             | 768B (512 x 12)                                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | POR, WDT                                                                 | Packaging                       | Tube                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 28-DIP (0.300", 7.62mm)                                                  | Oscillator Type                 | External                                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C (TA)                                                        | Number of I/O                   | 20                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                                            | Manufacturer Standard Lead Time | 7 Weeks                                                                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                               | EEPROM Size                     | -                                                                                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC PIC® 16C Microcontroller IC 8-Bit 10MHz 768B (512 x 12) OTP 28-SPDIP | Data Converters                 | -                                                                                                                 |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                    | Core Processor                  | PIC                                                                                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                        | Base Part Number                | PIC16C55                                                                                                          |
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