

PIC16C55-LPE/SP



**Part Number:** [PIC16C55-LPE/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-LPE/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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5589 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)     | 2.5 V ~ 6 V                                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28-SPDIP                                  | Speed                          | 40kHz                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC® 16C                                  | RAM Size                       | 24 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 ~ 125°C (TA)                        | Number of I/O                  | 20                                                                                                                |
| 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 40kHz 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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