

PIC16F627T-04I/SS



Part Number: [PIC16F627T-04I/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.75KB FLASH 20SSOP

Data sheet:  [Tips N Tricks Guide](#)  
 [PIC16F62x Datasheet](#)  
 [MPLAB® ICE2000 Spec](#)

RoHs Status: Lead free / RoHS Compliant

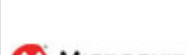
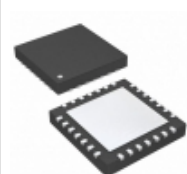
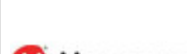
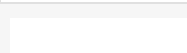
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                           |                                 |                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC16F627T-04I/SS                                                         | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 1.75KB FLASH 20SSOP                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 34567 pcs                                                                 | Data sheet                      | <a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16F62x Datasheet</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)      | 3 V ~ 5.5 V                                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20-SSOP                                                                   | Speed                           | 4MHz                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® 16F                                                                  | RAM Size                        | 224 x 8                                                                                                           |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                                     | Program Memory Size             | 1.75KB (1K x 14)                                                                                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, POR, PWM, WDT                                     | Packaging                       | Tape & Reel (TR)                                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-SSOP (0.209", 5.30mm Width)                                            | Oscillator Type                 | Internal                                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                                                         | Number of I/O                   | 16                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                             | Manufacturer Standard Lead Time | 12 Weeks                                                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                                | EEPROM Size                     | 128 x 8                                                                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC PIC® 16F Microcontroller IC 8-Bit 4MHz 1.75KB (1K x 14) FLASH 20-SSOP | Data Converters                 | -                                                                                                                 |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                     | Core Processor                  | PIC                                                                                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | UART/USART                                                                | Base Part Number                | PIC16F627                                                                                                         |
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