

PIC16F631T-E/SS



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**Part Number:** [PIC16F631T-E/SS](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 1.75KB FLASH 20SSOP

**Data sheet:**  [PIC12F6xx,PIC16F6xx Programming Spec](#)  
 [PIC16F631, 68x, 690 Datasheet](#)  
 [Tips N Tricks Guide](#)  
 [Timer1 Errata](#)  
 [PIC16F6xx Revision A Errata](#)

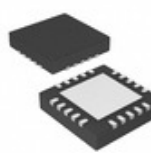
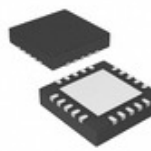
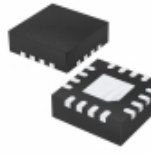
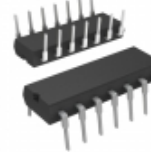
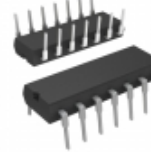
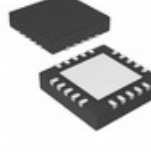
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                            |                                 |                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PIC16F631T-E/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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 78174 pcs                                                                  | Data sheet                      | <a href="#">PIC12F6xx,PIC16F6xx Programming Spec</a><br><a href="#">PIC16F631, 68x, 690 Datasheet</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">Timer1 Errata</a><br><a href="#">PIC16F6xx Revision A Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                  | Voltage - Supply (Vcc/Vdd)      | 2 V ~ 5.5 V                                                                                                                                                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-SSOP                                                                    | Speed                           | 20MHz                                                                                                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC® 16F                                                                   | RAM Size                        | 64 x 8                                                                                                                                                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLASH                                                                      | Program Memory Size             | 1.75KB (1K x 14)                                                                                                                                                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Brown-out Detect/Reset, POR, WDT                                           | Packaging                       | Tape & Reel (TR)                                                                                                                                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20-SSOP (0.209", 5.30mm Width)                                             | Oscillator Type                 | Internal                                                                                                                                                                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 125°C (TA)                                                         | Number of I/O                   | 18                                                                                                                                                                                                                           |
| 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 20MHz 1.75KB (1K x 14) FLASH 20-SSOP | Data Converters                 | -                                                                                                                                                                                                                            |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8-Bit                                                                      | Core Processor                  | PIC                                                                                                                                                                                                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                          | Base Part Number                | PIC16F631                                                                                                                                                                                                                    |
| <p>Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 78174 pieces of Micrel / Microchip Technology PIC16F631T-E/SS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.</p> <p>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a></p> |                                                                            |                                 |                                                                                                                                                                                                                              |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PIC16F631-E/ML</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F631-E/SO</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F631-I/ML</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PIC16F631-E/P</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F636-E/SL</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F630T-I/SL</a><br>Description: IC MCU 8BIT 1.75KB FLASH 14SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F636-I/ML</a><br>Description: IC MCU 8BIT 3.5KB FLASH 16QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F636-E/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F636-I/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F631T-I/SO</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F636-I/SL</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PIC16F636-I/ST</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F631-I/SS</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F630T-I/ST</a><br>Description: IC MCU 8BIT 1.75KB FLASH 14TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F636-E/ST</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

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| Related keywords for PIC16F631T-E/SS          |                                      |                                        |                       |
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