

PIC16F631-E/SS



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**Part Number:** [PIC16F631-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](#)

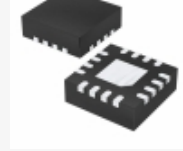
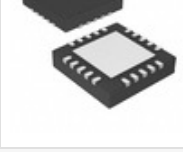
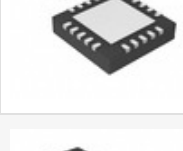
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                            |                                 |                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16F631-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                                                                                                                                                                                                                                                                                                                                                                                                                      | 80030 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                       | Tube                                                                                                                                                                                                                         |
| 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 | 8 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                                                                                                                                                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 80030 pieces of Micrel / Microchip Technology PIC16F631-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.<br>RFQ Email: info@Components-World.com |                                                                            |                                 |                                                                                                                                                                                                                              |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | 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="#">PIC16F631-E/P</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PIC16F630T-I/ML</a><br>Description: IC MCU 8BIT 1.75KB FLASH 16QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F631T-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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| Related keywords for PIC16F631-E/SS          |                                     |                                        |                      |
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