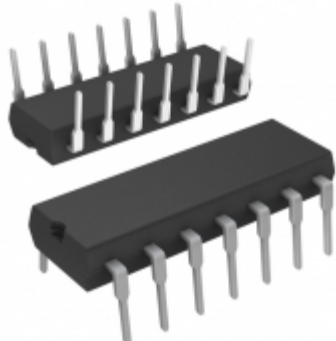


PIC16F630-E/P



Images are for reference only.  
See Product Specifications for product details.  
Buy PIC16F630-E/P with confidence from Component-World.HK, 1 Year Warranty



Part Number: [PIC16F630-E/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.75KB FLASH 14DIP

Data sheet:  [PIC16F630, 676](#)  
 [PIC12F629,675, PIC16F630,676 Programming](#)  
 [Tips N Tricks Guide](#)  
 [Timer1 Errata](#)  
 [PIC16F630, 676 Revision A Errata](#)  
 [MPLAB® ICE2000 Spec](#)

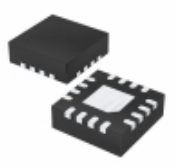
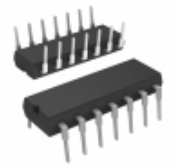
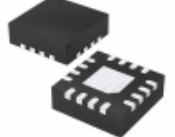
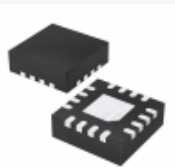
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                            |                                 |                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC16F630-E/P                                                              | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MCU 8BIT 1.75KB FLASH 14DIP                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 74925 pcs                                                                  | Data sheet                      | <a href="#">PIC16F630, 676</a><br><a href="#">PIC12F629,675, PIC16F630,676 Programming</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">Timer1 Errata</a><br><a href="#">PIC16F630, 676 Revision A Errata</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                  | Voltage - Supply (Vcc/Vdd)      | 2 V ~ 5.5 V                                                                                                                                                                                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 14-PDIP                                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14-DIP (0.300", 7.62mm)                                                    | Oscillator Type                 | Internal                                                                                                                                                                                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 125°C (TA)                                                         | Number of I/O                   | 12                                                                                                                                                                                                                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Not Applicable                                                             | Manufacturer Standard Lead Time | 6 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 14-PDIP | Data Converters                 | -                                                                                                                                                                                                                                                             |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8-Bit                                                                      | Core Processor                  | PIC                                                                                                                                                                                                                                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                          | Base Part Number                | PIC16F630                                                                                                                                                                                                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 74925 pieces of Micrel / Microchip Technology PIC16F630-E/P 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                            |                                 |                                                                                                                                                                                                                                                               |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16F630T-E/SL</a><br>Description: IC MCU 8BIT 1.75KB FLASH 14SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F630-E/ML</a><br>Description: IC MCU 8BIT 1.75KB FLASH 16QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F630-E/SL</a><br>Description: IC MCU 8BIT 1.75KB FLASH 14SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F630-I/P</a><br>Description: IC MCU 8BIT 1.75KB FLASH 14DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F630T-I/ML</a><br>Description: IC MCU 8BIT 1.75KB FLASH 16QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F628T-20E/SS</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F628T-04E/SS</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F630T-E/ST</a><br>Description: IC MCU 8BIT 1.75KB FLASH 14TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F628T-04I/SS</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F628T-20I/SS</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F628T-04I/SO</a><br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F628T-20E/SO</a><br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F630-E/ST</a><br>Description: IC MCU 8BIT 1.75KB FLASH 14TSSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F628T-20/SO</a><br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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