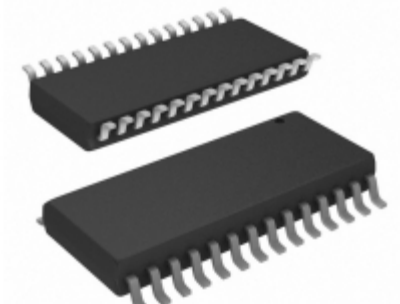


PIC16F913-E/SO



Images are for reference only.  
See Product Specifications for product details.  
Buy PIC16F913-E/SO with confidence from Component-World.HK, 1 Year Warranty



Part Number: [PIC16F913-E/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 28SOIC

Data sheet:  [PIC16F91x Revision A Errata](#)  
 [Tips N Tricks Guide](#)  
 [PIC16F91x, 946 Data Sheet](#)  
 [Timer1 Errata](#)  
 [PIC16F91x,946 Programming Spec](#)

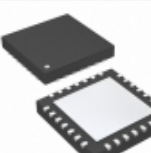
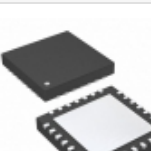
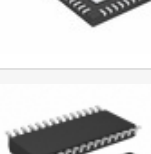
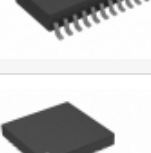
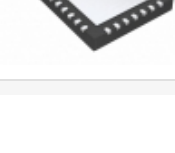
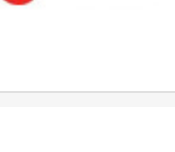
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                         |                                 |                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC16F913-E/SO                                                          | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 7KB FLASH 28SOIC                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 39280 pcs                                                               | Data sheet                      | <a href="#">PIC16F91x Revision A Errata</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16F91x, 946 Data Sheet</a><br><a href="#">Timer1 Errata</a><br><a href="#">PIC16F91x,946 Programming Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage - Supply (Vcc/Vdd)      | 2 V ~ 5.5 V                                                                                                                                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28-SOIC                                                                 | Speed                           | 20MHz                                                                                                                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC® 16F                                                                | RAM Size                        | 256 x 8                                                                                                                                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                                                   | Program Memory Size             | 7KB (4K x 14)                                                                                                                                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Brown-out Detect/Reset, LCD, POR, PWM, WDT                              | Packaging                       | Tube                                                                                                                                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 28-SOIC (0.295", 7.50mm Width)                                          | Oscillator Type                 | Internal                                                                                                                                                                                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 125°C (TA)                                                      | Number of I/O                   | 24                                                                                                                                                                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                                                           | Manufacturer Standard Lead Time | 5 Weeks                                                                                                                                                                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                              | EEPROM Size                     | 256 x 8                                                                                                                                                                                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) FLASH 28-SOIC | Data Converters                 | A/D 5x10b                                                                                                                                                                                                          |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-Bit                                                                   | Core Processor                  | PIC                                                                                                                                                                                                                |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I <sup>2</sup> C, SPI, UART/USART                                       | Base Part Number                | PIC16F913                                                                                                                                                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16F887-I/PT</a><br>Description: IC MCU 8BIT 14KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F913T-I/ML</a><br>Description: IC MCU 8BIT 7KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F887T-I/PT</a><br>Description: IC MCU 8BIT 14KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F88T-E/SO</a><br>Description: IC MCU 8BIT 7KB FLASH 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F88T-E/ML</a><br>Description: IC MCU 8BIT 7KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F913-I/SS</a><br>Description: IC MCU 8BIT 7KB FLASH 28SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F88T-I/ML</a><br>Description: IC MCU 8BIT 7KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F913-E/ML</a><br>Description: IC MCU 8BIT 7KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F913T-I/SS</a><br>Description: IC MCU 8BIT 7KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F913-E/SS</a><br>Description: IC MCU 8BIT 7KB FLASH 28SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F913-I/SP</a><br>Description: IC MCU 8BIT 7KB FLASH 28SDIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F88T-E/SS</a><br>Description: IC MCU 8BIT 7KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F913-I/SO</a><br>Description: IC MCU 8BIT 7KB FLASH 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F887T-I/ML</a><br>Description: IC MCU 8BIT 14KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F914-E/ML</a><br>Description: IC MCU 8BIT 7KB FLASH 44QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F913T-I/SO</a><br>Description: IC MCU 8BIT 7KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F913-I/ML</a><br>Description: IC MCU 8BIT 7KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F913-E/SP</a><br>Description: IC MCU 8BIT 7KB FLASH 28SDIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F88T-I/SO</a><br>Description: IC MCU 8BIT 7KB FLASH 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F88T-I/SS</a><br>Description: IC MCU 8BIT 7KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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