

PIC16C771/JW



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Part Number: [PIC16C771/JW](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB EPROM 20CDIP

Data sheet:  [PIC16C717, 770, 771](#)  
 [Tips N Tricks Guide](#)  
 [PIC16C717, 770, 771 Data Sheet Errata](#)  
 [MSSP Module Silicon, Data Sheet Errata](#)  
 [MPLAB® ICE2000 Spec](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                             |                                  |                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC16C771/JW                                                                | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 8BIT 7KB EPROM 20CDIP                                                | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                                                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4763 pcs                                                                    | Data sheet                       | <a href="#">PIC16C717, 770, 771</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16C717, 770, 771 Data Sheet Errata</a><br><a href="#">MSSP Module Silicon, Data Sheet Errata</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                                   | Voltage - Supply (Vcc/Vdd)       | 4 V ~ 5.5 V                                                                                                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20-CDIP                                                                     | Speed                            | 20MHz                                                                                                                                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC® 16C                                                                    | RAM Size                         | 256 x 8                                                                                                                                                                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EPROM, UV                                                                   | Program Memory Size              | 7KB (4K x 14)                                                                                                                                                                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Brown-out Detect/Reset, POR, PWM, WDT                                       | Packaging                        | Tube                                                                                                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 20-CDIP (0.300", 7.62mm) Window                                             | Other Names                      | Q1066306                                                                                                                                                                                                                             |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | External                                                                    | Operating Temperature            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15                                                                          | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Contains lead / RoHS non-compliant                                          | EEPROM Size                      | -                                                                                                                                                                                                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC PIC® 16C Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) EPROM, UV 20-CDIP | Data Converters                  | A/D 6x12b                                                                                                                                                                                                                            |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-Bit                                                                       | Core Processor                   | PIC                                                                                                                                                                                                                                  |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | I²C, SPI                                                                    | Base Part Number                 | PIC16C771                                                                                                                                                                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                |
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|  | Part#: <a href="#">PIC16C771T/SS</a><br>Description: IC MCU 8BIT 7KB OTP 20SSOP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16C773-E/SO</a><br>Description: IC MCU 8BIT 7KB OTP 28SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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