

PIC16LF1705-I/P



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Part Number: [PIC16LF1705-I/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 14DIP

Data sheet:  [PIC16\(L\)F1705/9 Datasheet](#)  
 [PIC16\(L\)F170X/171X Brief](#)

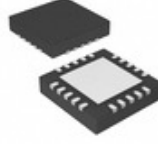
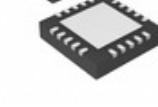
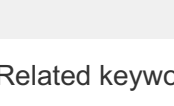
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                               |                                 |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16LF1705-I/P                                                               | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 14KB FLASH 14DIP                                                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 66788 pcs                                                                     | Data sheet                      | <a href="#">PIC16(L)F1705/9 Datasheet</a><br><a href="#">PIC16(L)F170X/171X Brief</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14-PDIP                                                                       | Speed                           | 32MHz                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® XLP™ 16F                                                                 | RAM Size                        | 1K x 8                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                         | Program Memory Size             | 14KB (8K x 14)                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT                                         | Packaging                       | Tube                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14-DIP (0.300", 7.62mm)                                                       | Oscillator Type                 | Internal                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C (TA)                                                             | Number of I/O                   | 12                                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                                                 | Manufacturer Standard Lead Time | 5 Weeks                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                                    | EEPROM Size                     | -                                                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 14-PDIP | Data Converters                 | A/D 8x10b, D/A 1x8b                                                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                         | Core Processor                  | PIC                                                                                   |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I²C, LINbus, SPI, UART/USART                                                  | Base Part Number                | PIC16LF1705                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16LF1707-I/ML</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF1707-E/SS</a><br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LF1705T-I/SL</a><br>Description: IC MCU 8BIT 14KB FLASH 14SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Micrel / Microchip Technology PIC16LF1705-I/P | PIC16LF1705-I/P distributor          | PIC16LF1705-I/P supplier               | PIC16LF1705-I/P price |
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