

PIC16F1704-I/ST





Part Number: [PIC16F1704-I/ST](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 14TSSOP

Data sheet:  [PIC16\(L\)F1704/8](#)  
 [PIC16\(L\)F1704/8 Silicon Errata](#)

RoHs Status: Lead free / RoHS Compliant

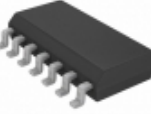
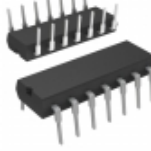
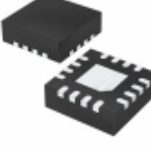
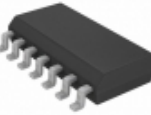
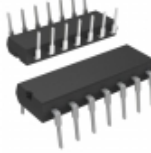
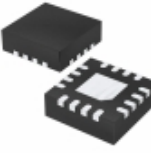
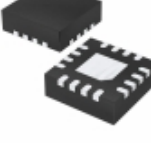
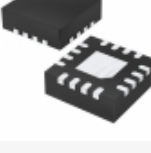
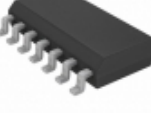
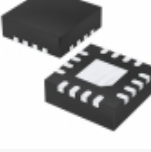
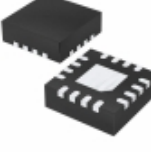
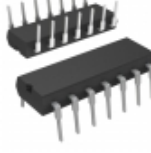
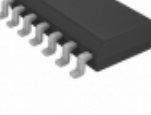
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                               |                                 |                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16F1704-I/ST                                                               | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 7KB FLASH 14TSSOP                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 69868 pcs                                                                     | Data sheet                      | <a href="#">PIC16(L)F1704/8</a><br><a href="#">PIC16(L)F1704/8 Silicon Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 5.5 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14-TSSOP                                                                      | Speed                           | 32MHz                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® XLP™ 16F                                                                 | RAM Size                        | 512 x 8                                                                           |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                         | Program Memory Size             | 7KB (4K x 14)                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT                                         | Packaging                       | Tube                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14-TSSOP (0.173", 4.40mm Width)                                               | 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 | 14 Weeks                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                                    | EEPROM Size                     | -                                                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 14-TSSOP | Data Converters                 | A/D 8x10b, D/A 1x8b                                                               |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                         | Core Processor                  | PIC                                                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | İC, LINbus, SPI, UART/USART                                                   | Base Part Number                | PIC16F1704                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
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