

PIC16LF1708-I/ML





Part Number:

PIC16LF1708-I/ML

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 8BIT 7KB FLASH 20QFN

Data sheet:

 [PIC16\(L\)F1704/8](#)

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

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

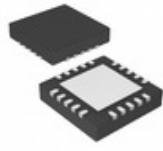
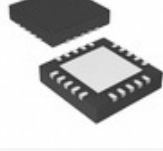
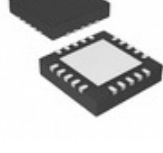
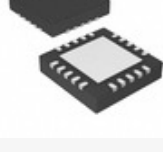
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                   |                                 |                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16LF1708-I/ML                                                                  | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 7KB FLASH 20QFN                                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 99971 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)      | 1.8 V ~ 3.6 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20-QFN (4x4)                                                                      | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20-VFQFN Exposed Pad                                                              | Oscillator Type                 | Internal                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                                                                 | Number of I/O                   | 18                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                                                                     | Manufacturer Standard Lead Time | 30 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 20-QFN (4x4) | Data Converters                 | A/D 12x10b, D/A 1x8b                                                              |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                             | Core Processor                  | PIC                                                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | I²C, LINbus, SPI, UART/USART                                                      | Base Part Number                | PIC16LF1708                                                                       |
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