

PIC16LF1458T-I/ML



Part Number: [PIC16LF1458T-I/ML](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 8BIT 7KB FLASH 20QFN
Data sheet: [PIC16\(L\)F145x Brief](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
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PRODUCT PARAMETER

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|---|---|---------------------------------------|---|
| Part Number | PIC16LF1458T-I/ML | Manufacturer | Micrel / Microchip Technology |
| Description | IC MCU 8BIT 7KB FLASH 20QFN | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available | 4070 pcs | Data sheet | PIC16(L)F145x Brief |
| Category | Integrated Circuits (ICs) | Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V |
| Supplier Device Package | 20-QFN (4x4) | Speed | 48MHz |
| 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 | Tape & Reel (TR) |
| Package / Case | 20-VFQFN Exposed Pad | Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) | Number of I/O | 17 |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited) | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| EEPROM Size | - | Detailed Description | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 48MHz 7KB (4K x 14) FLASH 20-QFN (4x4) |
| Data Converters | A/D 9x10b, D/A 1x5b | Core Size | 8-Bit |
| Core Processor | PIC | Connectivity | IC, LINbus, SPI, UART/USART, USB |
| Base Part Number | PIC16LF1458 | | |

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