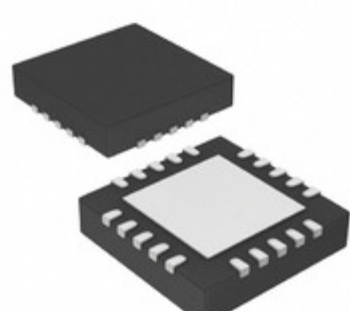


PIC16F1508T-I/ML



Images are for reference only.
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Part Number: [PIC16F1508T-I/ML](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 8BIT 7KB FLASH 20QFN
Data sheet: [PDF PIC16\(L\)F1508,09 Datasheet](#)
[PDF New Peripherals Tips N' Tricks](#)
[PDF PIC16F1508, 1509 Errata](#)
[PDF PIC12\(L\)F1501, PIC16\(L\)F150x Brief](#)
[PDF Configurable Logic Cell Tip N' Tricks](#)

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

Part Number	PIC16F1508T-I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	98483 pcs	Data sheet	PIC16(L)F1508,09 Datasheet New Peripherals Tips N' Tricks PIC16F1508, 1509 Errata PIC12(L)F1501, PIC16(L)F150x Brief Configurable Logic Cell Tip N' Tricks
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Supplier Device Package	20-QFN (4x4)	Speed	20MHz
Series	PIC® XLP™ 16F	RAM Size	256 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)	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 20MHz 7KB (4K x 14) FLASH 20-QFN (4x4)	Data Converters	A/D 12x10b, D/A 1x5b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I ² C, LINbus, SPI, UART/USART	Base Part Number	PIC16F1508

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	Part#: PIC16F1508-E/ML Description: IC MCU 8BIT 7KB FLASH 20QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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