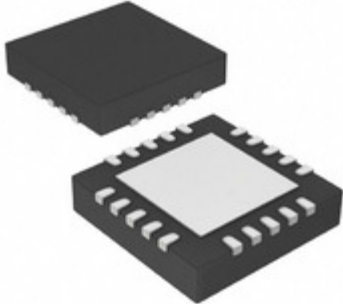


PIC16F1508-E/ML



Images are for reference only.
See Product Specifications for product details.
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Part Number: [PIC16F1508-E/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 20QFN

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](#)

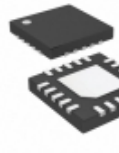
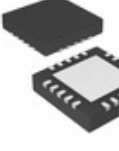
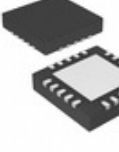
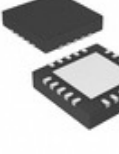
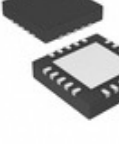
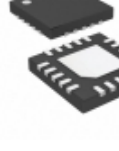
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC16F1508-E/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	94413 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	Tube
Package / Case	20-VFQFN Exposed Pad	Other Names	PIC16F1508EML
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	17	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	10 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	I²C, LINbus, SPI, UART/USART
Base Part Number	PIC16F1508		
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