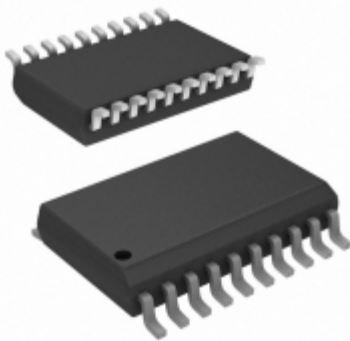


PIC16LF1508T-I/SO



Images are for reference only.
See Product Specifications for product details.
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Part Number: [PIC16LF1508T-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 20SOIC

Data sheet:  [PIC16\(L\)F1508,09 Datasheet](#)
 [New Peripherals Tips N' Tricks](#)
 [PIC12\(L\)F1501, PIC16\(L\)F150x Brief](#)
 [Configurable Logic Cell Tip N' Tricks](#)

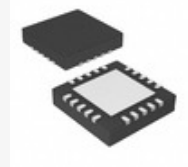
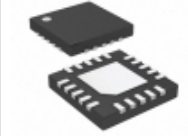
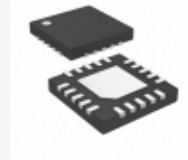
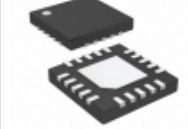
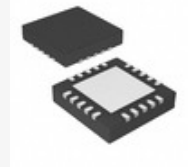
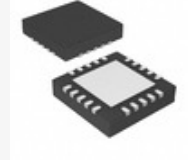
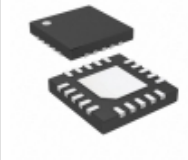
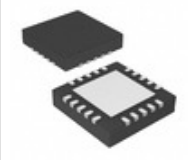
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	PIC16LF1508T-I/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 20SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	89584 pcs	Data sheet	PIC16(L)F1508,09 Datasheet New Peripherals Tips N' Tricks PIC12(L)F1501, PIC16(L)F150x Brief Configurable Logic Cell Tip N' Tricks
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	20-SOIC	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-SOIC (0.295", 7.50mm Width)	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	8 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-SOIC	Data Converters	A/D 12x10b, D/A 1x5b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, LINbus, SPI, UART/USART	Base Part Number	PIC16LF1508
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	Part#: PIC16LF1508-E/P Description: IC MCU 8BIT 7KB FLASH 20DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16LF1508-E/SS Description: IC MCU 8BIT 7KB FLASH 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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