

PIC16LF1509T-I/GZ



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Part Number: [PIC16LF1509T-I/GZ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 20UQFN

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](#)

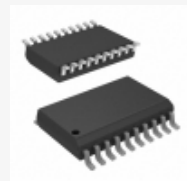
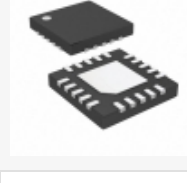
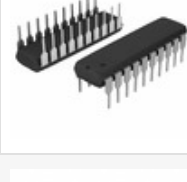
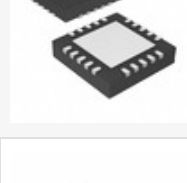
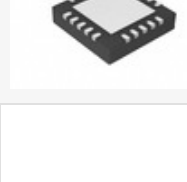
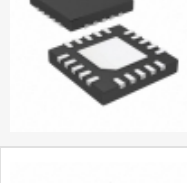
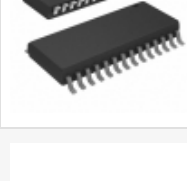
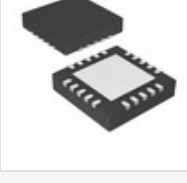
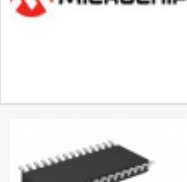
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16LF1509T-I/GZ	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 20UQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	70984 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-UQFN (4x4)	Speed	20MHz
Series	PIC® XLP™ 16F	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	14KB (8K x 14)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	20-UQFN 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 20MHz 14KB (8K x 14) FLASH 20-UQFN (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	PIC16LF1509		
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