

PIC16F1509T-I/GZ



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Part Number: [PIC16F1509T-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](#)
 [PIC16F1508, 1509 Errata](#)
 [PIC12\(L\)F1501, PIC16\(L\)F150x Brief](#)
 [Configurable Logic Cell Tip N' Tricks](#)

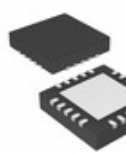
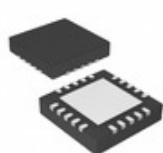
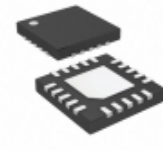
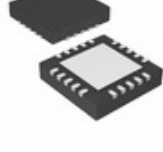
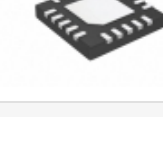
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F1509T-I/GZ	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 20UQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62361 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-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)	Manufacturer Standard Lead Time	29 Weeks
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	IC, LINbus, SPI, UART/USART	Base Part Number	PIC16F1509
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