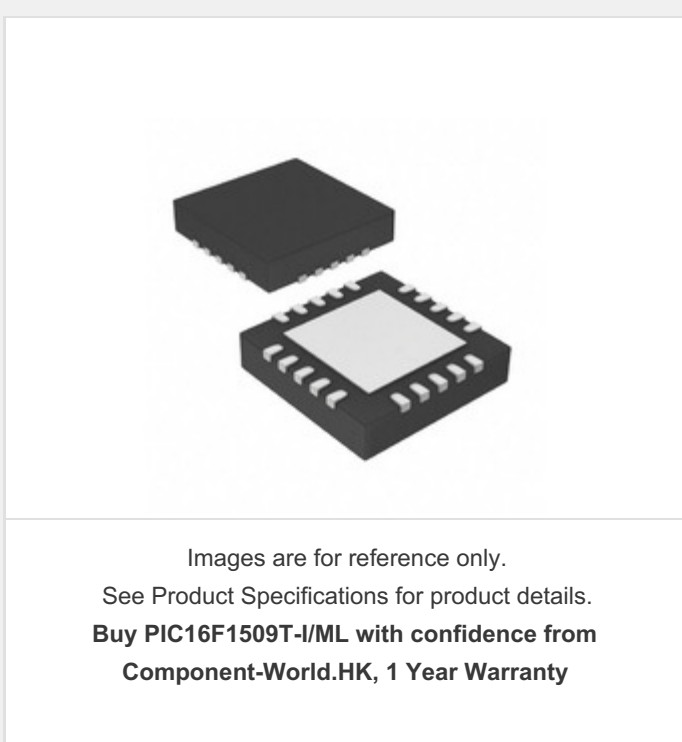


**PIC16F1509T-I/ML**



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [PIC16F1509T-I/ML](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 8BIT 14KB 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  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	PIC16F1509T-I/ML	Manufacturer	<a href="#">Micrel / Microchip Technology</a>
Description	IC MCU 8BIT 14KB FLASH 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	93234 pcs	Data sheet	<a href="#">PIC16(L)F1508,09 Datasheet</a> <a href="#">New Peripherals Tips N' Tricks</a> <a href="#">PIC16F1508, 1509 Errata</a> <a href="#">PIC12(L)F1501, PIC16(L)F150x Brief</a> <a href="#">Configurable Logic Cell Tip N' Tricks</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Supplier Device Package	20-QFN (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-VQFN 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 14KB (8K x 14) FLASH 20-QFN (4x4)	Data Converters	A/D 12x10b, D/A 1x5b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I <sup>2</sup> C, LINbus, SPI, UART/USART	Base Part Number	PIC16F1509

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	Part#: <a href="#">PIC16F1512-I/MV</a> Description: IC MCU 8BIT 3.5KB FLASH 28UQFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC16F1509T-I/GZ</a> Description: IC MCU 8BIT 14KB FLASH 20UQFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">PIC16F1509-I/GZ</a> Description: IC MCU 8BIT 14KB FLASH 20UQFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC16F1509-I/SS</a> Description: IC MCU 8BIT 14KB FLASH 20SSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC16F1509-E/SO</a> Description: IC MCU 8BIT 14KB FLASH 20SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC16F1509T-I/SO</a> Description: IC MCU 8BIT 14KB FLASH 20SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC16F1512-E/SS</a> Description: IC MCU 8BIT 3.5KB FLASH 28SSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC16F1509-E/SS</a> Description: IC MCU 8BIT 14KB FLASH 20SSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">PIC16F1512-E/MV</a> Description: IC MCU 8BIT 3.5KB FLASH 28UQFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">PIC16F1512-E/SO</a> Description: IC MCU 8BIT 3.5KB FLASH 28SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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