



Micrel / Microchip Technology

## PIC16LF1509T-I/SS

Part Number:	PIC16LF1509T-I/SS
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 14KB FLASH 20SSOP <a href="#">1.PIC16LF1509T-I/SS.pdf</a> <a href="#">2.PIC16LF1509T-I/SS.pdf</a> <a href="#">3.PIC16LF1509T-I/SS.pdf</a> <a href="#">4.PIC16LF1509T-I/SS.pdf</a>
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	97481 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of PIC16LF1509T-I/SS

PART NUMBER	PIC16LF1509T-I/SS
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 14KB FLASH 20SSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	97481 pcs
DATA SHEET	<a href="#">1.PIC16LF1509T-I/SS.pdf</a> <a href="#">2.PIC16LF1509T-I/SS.pdf</a> <a href="#">3.PIC16LF1509T-I/SS.pdf</a> <a href="#">4.PIC16LF1509T-I/SS.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	20-SSOP
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-SSOP (0.209", 5.30mm Width)
OTHER NAMES	PIC16LF1509T-I/SS-ND PIC16LF1509T-I/SSSTR
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-SSOP
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	PIC16LF1509

### Related Tags

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### Related Products

<p><b>PIC16LF1509T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20QFN                  In stock: 84946 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16LF1509-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20SOIC                  In stock: 79333 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16LF1509-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20SSOP                  In stock: 75339 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16LF1509T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20SOIC                  In stock: 92854 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16LF1512-E/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 28UQFN                  In stock: 86405 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16LF1512-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 28SOIC                  In stock: 91460 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16LF1512-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 28UQFN                  In stock: 95830 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16LF1509T-I/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20UQFN                  In stock: 103596 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16LF1512-E/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 28SDIP                  In stock: 74777 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16LF1509-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20DIP                  In stock: 58761 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16LF1512-E/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 28SSOP                  In stock: 97759 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16LF1512-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 3.5KB FLASH 28SOIC                  In stock: 86686 pcs  <a href="#">RFQ</a></p>