

PIC12F509-I/SM



Part Number: [PIC12F509-I/SM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.5KB FLASH 8SOIJ

Data sheet:  [PIC12F508/9, PIC16F505](#)
 [PIC12F508,509 Programming Spec](#)
 [PIC12F508, 509 Revision A Errata](#)
 [Tips N Tricks Guide](#)

RoHs Status: Lead free / RoHS Compliant

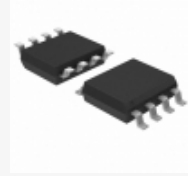
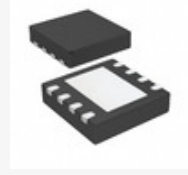
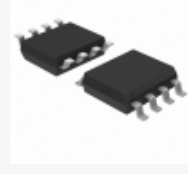
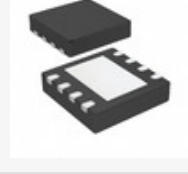
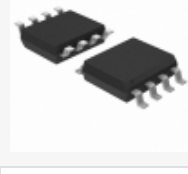
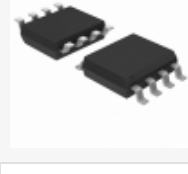
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PRODUCT PARAMETER			
Part Number	PIC12F509-I/SM	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 1.5KB FLASH 8SOIJ	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	106934 pcs	Data sheet	PIC12F508/9, PIC16F505 PIC12F508,509 Programming Spec PIC12F508, 509 Revision A Errata Tips N Tricks Guide
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Supplier Device Package	8-SOIJ	Speed	4MHz
Series	PIC® 12F	RAM Size	41 x 8
Program Memory Type	FLASH	Program Memory Size	1.5KB (1K x 12)
Peripherals	POR, WDT	Packaging	Tube
Package / Case	8-SOIC (0.209", 5.30mm Width)	Other Names	PIC12F509ISM
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	5	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	PIC PIC® 12F Microcontroller IC 8-Bit 4MHz 1.5KB (1K x 12) FLASH 8-SOIJ
Data Converters	-	Core Size	8-Bit
Core Processor	PIC	Connectivity	-
Base Part Number	PIC12F509		
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	Part#: PIC12F509-I/MS Description: IC MCU 8BIT 1.5KB FLASH 8MSOP	Manufacturers: Microchip Technology	RFQ
	Part#: PIC12F509T-I/MC Description: IC MCU 8BIT 1.5KB FLASH 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC12F509T-I/SN Description: IC MCU 8BIT 1.5KB FLASH 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC12F510-E/SN Description: IC MCU 8BIT 1.5KB FLASH 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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