

PIC16LF1709-I/SS

a Quote

PIC16LF1709-I/SS Information

	and and the second	Part Number	PIC16LF1709-I/SS	
		Manufacturer	Microchip Technology	131 54 2
	www.helsener.com	Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
	1500	Description	IC MCU 8BIT 14KB FLASH 20SSOP	
	riccie	Package	20-SSOP (0.209", 5.30mm Width)	
	de.		For the pricing/inventory/lead time, please contact us	
	For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



PIC16LF1709-I/SS Specifications

Manufacturer Microchip Technology Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers 20-SSOP (0.209", 5.30mm Width) Package 20-SSOP (0.209", 5.30mm Width) Series PIC? XLP? 16F Core Processor PIC Core Size 8-Bit Speed 32MHz Connectivity 12C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 18 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size - RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 12x10b, D/A 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-SSOP (0.209", 5.30mm Width)		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage20-SSOP (0.209", 5.30mm Width)SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O18Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Manufacturer Part Number	PIC16LF1709-I/SS
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Package20-SSOP (0.209", 5.30mm Width)SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O18Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM Size1.8 V ~ 3.6 VVoltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Category	Integrated Circuits (ICs)
SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O18Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM SizeIK x 8Voltag - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O18Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOperating Temperature-40°C ~ 85°C (TA)Mounting Type0.5SOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Package	20-SSOP (0.209", 5.30mm Width)
Core Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O18Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM Size18 V ~ 3.6 VVoltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator Type-Program Grame-Package / Case0-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Series	PIC? XLP? 16F
Speed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O18Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)	Core Processor	PIC
ConnectivityI2C, LIN, SPI, UART/USARTConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O18Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O18Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator Type-Operating Temperature-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Speed	32MHz
Number of I/O 18 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 12x10b, D/A 1x8b Oscillator Type - Mounting Type -40°C ~ 85°C (TA) Package / Case 20-SSOP (0.209", 5.30mm Width) Supplier Device Package 20-SSOP	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Number of I/O	18
EEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Program Memory Size	14KB (8K x 14)
RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	EEPROM Size	-
Data ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	RAM Size	1K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Data Converters	A/D 12x10b, D/A 1x8b
Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Oscillator Type	Internal
Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 20-SSOP	Mounting Type	-
	Package / Case	20-SSOP (0.209", 5.30mm Width)
Report errors'	Supplier Device Package	20-SSOP
		Report errors?

PIC16LF1709-I/SS Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

PIC16LF1709-I/SS Payment Methods



PIC16LF1709-I/SS Shipping Methods



If you have any question about PIC16LF1709-I/SS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com