

# PIC16F1709-I/SS

### PIC16F1709-I/SS Information

Man Cat Des	 PIC16F1709-I/SS Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 14KB FLASH 20SSOP 20-SSOP (0.209", 5.30mm Width) For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

## **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.



### PIC16F1709-I/SS Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage20-SSOP (0.209", 5.30mm Width)SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityIC2, LIN, SPI, UART/USARTPorpheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O18Program Memory SizeIAKB (8K x 14)PEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)	_	
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Embedded - MicrocontrollersPackage20-SSOP (0.209", 5.30mm Width)SeriesPIC? XLP? 16FCore ProcessorPCCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O18Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-Nutage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersInternalOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Package / Case20-SSOP (0.209", 5.30mm Width)	Manufacturer	Microchip Technology
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-Nutage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)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 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10b, D/A 1x8bOscillator Type-Pretaring Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)		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 SizeIK x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10b, D/A 1x8bOscillator Type-Portaning Temperature-Pockage / Case20-SSOP (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 Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10b, D/A 1x8bOscillator Type-Querting Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-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 Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 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/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)2.3 V ~ 5.5 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)2.3 V ~ 5.5 VData ConvertersA/D 12x10b, D/A 1x8bOscillator TypeInternalOperating Temperature-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Speed	32MHz
Number of I/O18Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vd)2.3 V ~ 5.5 VData ConvertersA/D 12x10b, D/A 1x8bOscillator Type-Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)Supplier Device Package20-SSOP	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 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)2.3 V ~ 5.5 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 Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 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)2.3 V ~ 5.5 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)2.3 V ~ 5.5 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)	2.3 V ~ 5.5 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?

#### PIC16F1709-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.

#### PIC16F1709-I/SS Payment Methods



#### PIC16F1709-I/SS Shipping Methods



If you have any question about PIC16F1709-I/SS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com