



PIC16LF1508-I/SS Information



For Reference Only

Part Number PIC16LF1508-I/SS

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 7KB FLASH 20SSOP **Package** 20-SSOP (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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PIC16LF1508-I/SS Specifications

Manufacturer Part Number Manufacturer Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers Package 20-SSOP (0.209", 5.30mm Width) Series PIC? XLP? 16F Core Processor PIC Core Size 8-Bit Speed 20MHz Connectivity 12C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 17 Program Memory Size 7KB (4K x 14) Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 12x10b, D/A 1x5b Operating Temperature 4-0°C ~ 85°C (TA) Mounting Type Integrated Circuits (ICs) Embedded - Microcontrollers Aicrocontrollers Aicroc		
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Speed 20MHz Connectivity 12C , LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O 17 Program Memory Size 7KB ($4 \text{K x } 14$)Program Memory TypeFLASHEEPROM Size-RAM Size 256×8 Voltage - Supply (Vcc/Vdd) $1.8 \text{ V} \sim 3.6 \text{ V}$ Data Converters $A/D 12 \times 10 \text{b}$, $D/A 1 \times 5 \text{b}$ Oscillator TypeInternalOperating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$ (TA)	Core Processor	PIC
Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 17 Program Memory Size 7KB (4K x 14) Program Memory Type FLASH EEPROM Size - RAM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 12x10b, D/A 1x5b Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)	Core Size	8-Bit
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Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Data Converters	A/D 12x10b, D/A 1x5b
	Oscillator Type	Internal
Mounting Type -	Operating Temperature	-40°C ~ 85°C (TA)
	Mounting Type	-
Package / Case 20-SSOP (0.209", 5.30mm Width)	Package / Case	20-SSOP (0.209", 5.30mm Width)
Supplier Device Package 20-SSOP	Supplier Device Package	20-SSOP
Report errors?		Report errors?

PIC16LF1508-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.

PIC16LF1508-I/SS Payment Methods



















PIC16LF1508-I/SS Shipping Methods













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