

# PIC18LF1220-I/SS

#### PIC18LF1220-I/SS Information

www.belsener.co		PIC18LF1220-I/SS Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 4KB FLASH 20SSOP 20-SSOP (0.209", 5.30mm Width) For the pricing/inventory/lead time, please contact	
For Reference On	ıly	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.



## PIC18LF1220-I/SS Specifications

Manufacturer     Microchip Technology       Microchip Technology     Integrated Circuits (ICs)       Embedded - Microcontrollers     Embedded - Microcontrollers       Package     20-SSOP (0.209", 5.30mm Width)       Series     PIC? 18F       Core Processor     PIC       Core Size     8-Bit       Speed     40MHz       Connectivity     UART/USART       Connectivity     UART/USART       Program Memory Size     4KB (2K x 16)       Program Memory Type     FLASH       EEPROM Size     256 x 8       RAM Size     256 x 8       Voltage - Supply (Vcc/Vdd)     2 V ~ 5.5 V       Data Converters     A/D 7x10b       Docillator Type     Internal       Docillator Type     - 40°C ~ 85°C (TA)       Package / Case     20-SSOP (0.209", 5.30mm Width)		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage20-SSOP (0.209", 5.30mm Width)SeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed40MHzConnectivityUART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8Xoltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 7x10bDerating Temperature-40°C ~ 85°C (TA)Prackage / Case20-SSOP (0.209", 5.30mm Width)	Manufacturer Part Number	PIC18LF1220-I/SS
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SeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed40MHzConnectivityUART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 7x10bDocalitor TypeInternalOperating Temperature-40°C ~ 85°C (TA)Prackage / Case20-SSOP (0.209", 5.30mm Width)		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed40MHzConnectivityUART/USARTPreripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (2K x 16)PROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VDetator TypeInternalOperating Temperature440°C ~ 85°C (TA)Prakage / Case0.5SOP (0.209", 5.30mm Width)	Package	20-SSOP (0.209", 5.30mm Width)
Core Size8-BitSpeed40MHzConnectivityUART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersAlto Tx10bDyerating Temperature-40°C ~ 85°C (TA)Preakage / Case20-SSOP (0.209", 5.30mm Width)	Series	PIC? 18F
Speed40MHzConnectivityUART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersInternalOperating Temperature440°C ~ 85°C (TA)Prackage / Case20-SSDF (0.209", 5.30mm Width)	Core Processor	PIC
Connectivity     UART/USART       Peripherals     Brown-out Detect/Reset, LVD, POR, PWM, WDT       Number of I/O     16       Program Memory Size     4KB (2K x 16)       Program Memory Type     FLASH       EEPROM Size     256 x 8       RAM Size     256 x 8       Voltage - Supply (Vcc/Vdd)     2 V ~ 5.5 V       Data Converters     A/D 7x10b       Deterning Temperature     -40°C ~ 85°C (TA)       Program Syste     -       Package / Case     0-SSOP (0.209", 5.30mm Width)	Core Size	8-Bit
Peripherals     Brown-out Detect/Reset, LVD, POR, PWM, WDT       Number of I/O     16       Program Memory Size     4KB (2K x 16)       Program Memory Type     FLASH       EEPROM Size     256 x 8       RAM Size     256 x 8       Voltage - Supply (Vcc/Vdd)     2 V ~ 5.5 V       Data Converters     A/D 7x10b       Dyerating Temperature     -40°C ~ 85°C (TA)       Package / Case     20-SSOP (0.209", 5.30mm Width)	Speed	40MHz
Number of I/O     16       Program Memory Size     4KB (2K x 16)       Program Memory Type     FLASH       EEPROM Size     256 x 8       RAM Size     256 x 8       Voltage - Supply (Vcc/Vdd)     2 V ~ 5.5 V       Data Converters     A/D 7x10b       Dscillator Type     -40°C ~ 85°C (TA)       Operating Temperature     -40°C ~ 85°C (TA)       Package / Case     20-SSOP (0.209", 5.30mm Width)	Connectivity	UART/USART
Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 7x10bDoscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)	Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vd)2 V ~ 5.5 VData ConvertersA/D 7x10bDoscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)	Number of I/O	16
EEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 7x10bDoscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)	Program Memory Size	4KB (2K x 16)
RAM Size   256 x 8     Voltage - Supply (Vcc/Vdd)   2 V ~ 5.5 V     Data Converters   A/D 7x10b     Dscillator Type   Internal     Operating Temperature   -40°C ~ 85°C (TA)     Mounting Type   -     Package / Case   20-SSOP (0.209", 5.30mm Width)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 7x10bDocillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)	EEPROM Size	256 x 8
Data ConvertersA/D 7x10bDscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)	RAM Size	256 x 8
Dscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-SSOP (0.209", 5.30mm Width)	Data Converters	A/D 7x10b
Mounting Type -   Package / Case 20-SSOP (0.209", 5.30mm Width)	Oscillator Type	Internal
Package / Case     20-SSOP (0.209", 5.30mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
-	Mounting Type	-
Supplier Device Package 20-SSOP	Package / Case	20-SSOP (0.209", 5.30mm Width)
	Supplier Device Package	20-SSOP
Report errors?		Report errors?

#### PIC18LF1220-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.

### PIC18LF1220-I/SS Payment Methods



#### PIC18LF1220-I/SS Shipping Methods



If you have any question about PIC18LF1220-I/SS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com