

# PIC16LF1764-I/SL

### PIC16LF1764-I/SL Information

theisener.com	 PIC16LF1764-I/SL Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 7KB FLASH 14SOIC 14-SOIC (0.154", 3.90mm 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.



## PIC16LF1764-I/SL Specifications

Manufacturer Microchip Technology   Category Integrated Circuits (ICs)   Embedded - Microcontrollers   Package 14-SOIC (0.154", 3.90mm Width)   Series PIC? XLP? 16F   Core Processor PIC   Core Size 8-Bit   Speed 32MHz   Connectivity 12C, LIN, SPI, UART/USART   Program Memory Size 7KB (4K x 14)   Perogram Memory Type FLASH   PERPROM Size 128 x 8   RAM Size 512 x 8   Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V   Data Converters A/D 8x10b, D/A 1x5b, 1x10b   Doscillator Type Internal   Porcang Menory Type Internal		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage14-SOIC (0.154", 3.90mm Width)SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O12Program Memory Size7KB (4K x 14)Pergram Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bDoerating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	PIC16LF1764-I/SL
Hendedde - MicrocontrollersPackage14-SOIC (0.154", 3.90mm Width)SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O12Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size128 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bDoerating Temperature-40°C ~ 85°C (TA)Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Manufacturer	Microchip Technology
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Core ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O12Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bDoperating Temperature-Prackage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Package	14-SOIC (0.154", 3.90mm Width)
Core Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O12Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bDocating Temperature-40°C ~ 85°C (TA)Preakage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Series	PIC? XLP? 16F
Speed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O12Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bOperating Temperature-40°C ~ 85°C (TA)Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Core Processor	PIC
Connectivity I2C, LIN, SPI, UART/USART   Peripherals Brown-out Detect/Reset, POR, PWM, WDT   Number of I/O 12   Program Memory Size 7KB (4K x 14)   Program Memory Type FLASH   EEPROM Size 128 x 8   RAM Size 512 x 8   Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V   Data Converters A/D 8x10b, D/A 1x5b, 1x10b   Operating Temperature -   Package / Case 14-SOIC (0.154", 3.90mm Width)	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O12Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bDocrillator Type-40°C ~ 85°C (TA)Program Generature14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Speed	32MHz
Number of I/O12Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bDscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Connectivity	I2C, LIN, SPI, UART/USART
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Dscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Package / Case-40°C ~ 85°C (TA)Supplier Device Package14-SOIC (0.154", 3.90mm Width)	Data Converters	A/D 8x10b, D/A 1x5b, 1x10b
Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Oscillator Type	Internal
Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 14-SOIC	Mounting Type	-
	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors <sup>2</sup>	Supplier Device Package	14-SOIC
		Report errors <sup>6</sup>

#### PIC16LF1764-I/SL 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.

#### PIC16LF1764-I/SL Payment Methods



## PIC16LF1764-I/SL Shipping Methods



If you have any question about PIC16LF1764-I/SL, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com