

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

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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
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SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/OI2Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bDoreiting Temperature-Program Memory TypeInternalConverters-Supplier Device Package14-SOIC (0.154", 3.90mm Width)		Embedded - Microcontrollers
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
Program 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, 1x10bDoscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bDerating TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Number of I/O	12
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RAM 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)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Program Memory Type	FLASH
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Data ConvertersA/D 8x10b, D/A 1x5b, 1x10bData ConvertersA/D 8x10b, D/A 1x5b, 1x10bDscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	RAM Size	512 x 8
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 ²	Supplier Device Package	14-SOIC
		Report errors ⁶

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



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