

PIC16F18324-I/SL

PIC16F18324-I/SL Information

theisener.com	 PIC16F18324-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	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

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PIC16F18324-I/SL Specifications

Manufacturer Microchip Technology 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 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 256 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 11x10b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-SOIC (0.154", 3.90mm Width)		
CategoryIntegrated Circuits (Cs)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)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	PIC16F18324-I/SL
Imbedded - 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 TypeELASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type14-SOIC (0.154", 3.90mm Width)	Manufacturer	Microchip Technology
Package14-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 Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Category	Integrated Circuits (ICs)
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 Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator Type-Protaring Temperature-Prokage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed32MHzConnectivity12C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O12Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersAD 11x10b, D/A 1x5bOscillator Type-Portaning Temperature-Pokage / 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 TypeELASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd).3 V ~ 5.5 VData ConvertersArb 11x10b, D/A 1x5bOscillator Type-Mounting Type-Package / 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 Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)	Core Processor	PIC
ConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O12Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Core Size	8-Bit
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 256 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vd0) 2.3 V ~ 5.5 V Data Converters A/D 11x10b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-SOIC (0.154", 3.90mm Width)	Speed	32MHz
Number of I/O 12 Program Memory Size 7KB (4K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 11x10b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-SOIC (0.154", 3.90mm Width)	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Number of I/O	12
EEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Program Memory Size	7KB (4K x 14)
RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator 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
Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 11x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	EEPROM Size	256 x 8
Data ConvertersA/D 11x10b, D/A 1x5bOscillator 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
Oscillator 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)	2.3 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Data Converters	A/D 11x10b, D/A 1x5b
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	Supplier Device Package	14-SOIC
		Report error

PIC16F18324-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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

PIC16F18324-I/SL Payment Methods



PIC16F18324-I/SL Shipping Methods



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