

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 |
| 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 |
| Package Id-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 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 -40°C ~ 85°C (TA) Package / Case 14-SOIC (0.154", 3.90mm Width) | Category | Integrated Circuits (ICs) |
| 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 |
| EEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bData ConvertersInternalOperating Temperature-40°C ~ 85°C (TA)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)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 |
| Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10b, D/A 1x5b, 1x10bDescillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC | EEPROM Size | 128 x 8 |
| 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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