

PIC16LF15354-I/ML

PIC16LF15354-I/ML Information

With and the second	 PIC16LF15354-I/ML Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 7KB FLASH 28QFN 28-UFQFN Exposed Pad 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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PIC16LF15354-I/ML Specifications

SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O25Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size224 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-Package / Case28-UFQFN Exposed PadSupplier Device Package8-OFN (4x4)		
CategoryIntegrated Circuits (Cs)Embedded - MicrocontrollersPackage28-UFQFN Exposed PadSeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O25Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size224 x 8Nd Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature $40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-UFQFN Exposed PadSupplier Device Package28-UFQFN Exposed Pad	Manufacturer Part Number	PIC16LF15354-I/ML
Embedded - MicrocontrollersPackage28-UFQFN Exposed PadSeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O25Program Memory Size7KB (4K x 14)PerDM Size224 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator Type-Portaring Temperature-40°C ~ 85°C (TA)Mounting Type28-UFQFN Exposed PadSupplier Device Package28-UFQFN Exposed Pad	Manufacturer	Microchip Technology
Package28-UFQFN Exposed PadSeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O25Program Memory Size7KB (4K x 14)PEROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersAnd 24x10b, D/A 1x5bOscillator Type-Portaring Temperature-Porkage / Case38-UFQFN Exposed PadSupplier Device Package8-UFQFN Exposed PadSupplier Device Package8-UFQFN Exposed Pad	Category	Integrated Circuits (ICs)
SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O25Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size224 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-Package / Case28-UFQFN Exposed PadSupplier Device Package8-OFN (4x4)		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed32MHzConnectivityIC, LIN, SPI, UART/USARTConnectivityBrown-out Detect/Reset, POR, PWM, WDTPreipheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O25Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size224 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-Mounting Type-Package / Case82-UFQFNExposed PadSupplier Device Package82-UFQN (4x4)	Package	28-UFQFN Exposed Pad
Core Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O25Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size224 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersMicernalOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case82-UFQN Exposed PadSupplier Device Package28-UFQN (4x4)	Series	PIC? XLP? 16F
Speed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O25Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size224 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator Type-40°C ~ 85°C (TA)Mounting Type28-UFQFN Exposed PadPackage / Case88-UFQFN Exposed PadSupplier Device Package88-QFN (4x4)	Core Processor	PIC
ConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O25Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size224 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator Type-Operating Temperature-40°C ~ 85°C (TA)Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	Core Size	8-Bit
Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 25 Program Memory Size 7KB (4K x 14) Program Memory Type FLASH EEPROM Size 224 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 24x10b, D/A 1x5b Oscillator Type -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-UFQFN Exposed Pad Supplier Device Package 28-QFN (4x4)	Speed	32MHz
Number of I/O25Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size224 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size7KB (4K x 14)Program Memory TypeFLASHEEPROM Size224 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size224 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	Number of I/O	25
EEPROM Size224 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	Program Memory Size	7KB (4K x 14)
RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	EEPROM Size	224 x 8
Data ConvertersA/D 24x10b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	RAM Size	512 x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	Data Converters	A/D 24x10b, D/A 1x5b
Mounting Type-Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	Oscillator Type	Internal
Package / Case28-UFQFN Exposed PadSupplier Device Package28-QFN (4x4)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package28-QFN (4x4)	Mounting Type	-
	Package / Case	28-UFQFN Exposed Pad
Report errors?	Supplier Device Package	28-QFN (4x4)
		Report errors?

PIC16LF15354-I/ML 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.

DISCOVER

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PIC16LF15354-I/ML Shipping Methods



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