

PIC18LF47J13-I/ML

PIC18LF47J13-I/ML Information

WWWW Lawrence term	PIC18LF47J13-I/ML Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 128KB FLASH 44QFN 44-VQFN Exposed Pad 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

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PIC18LF47J13-I/ML Specifications

Manufacturer Microchip Technology Microchip Technology Integrated Circuits (ICs) Embedded - Microchtrollers Embedded - Microchtrollers Package 44-VQFN Exposed Pad Series PIC Core Processor PIC Core Size 8-Bit Speed 48MHz Connectivity IC, LIN, SPI, UART/USART Program Memory Size Jack B (64K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 2.75 V Data Converters A/D 13.x10b/12b Operating Temperature -40°C ~ 85°C (TA) Apol Case Size - Package / Case 44-VQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage44-VQFN Exposed PadSeriesPIC? XLP? 18JCore ProcessorPICCore Size8-BitSpeed48MHzConnectivity12C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Manufacturer Part Number	PIC18LF47J13-I/ML
Embedded - MicrocontrollersPackage44-VQFN Exposed PadSeriesPIC? XLP? 18JCore ProcessorPICCore Size8-BitSpeed48MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type44-QFN (8x8)	Manufacturer	Microchip Technology
Package44-VQFN Exposed PadSeriesPIC XLP? 18JCore ProcessorPICCore Size8-BitSpeed48MHzConnetivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size128KB (64K x 16)PERPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOperating Temperature-Pograding Temperature4.0°C ~ 85°C (TA)Package / Case44-QFN (8x8)	Category	Integrated Circuits (ICs)
SeriesPIC? XLP? 18JCore ProcessorPICCore Size8-BitSpeed48MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-QFN (&x8)		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed48MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Package	44-VQFN Exposed Pad
Core Size8-BitSpeed48MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator Type-Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Series	PIC? XLP? 18J
Speed48MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size38K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Core Processor	PIC
ConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Speed	48MHz
Number of I/O34Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Number of I/O	34
EEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Program Memory Size	128KB (64K x 16)
RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2 V ~ 2.75 VData ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	EEPROM Size	-
Data ConvertersA/D 13x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	RAM Size	3.8K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Voltage - Supply (Vcc/Vdd)	2 V ~ 2.75 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Data Converters	A/D 13x10b/12b
Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Oscillator Type	Internal
Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package44-QFN (8x8)	Mounting Type	-
	Package / Case	44-VQFN Exposed Pad
Report errors?	Supplier Device Package	44-QFN (8x8)
		Report errors?

PIC18LF47J13-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.

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