

PIC32MX370F512LT-I/TL

PIC32MX370F512LT-I/TL Information



Part Number	PIC32MX370F512LT-I/TL	
Manufacturer	Microchip Technology	
Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
Description	IC MCU 32BIT 512KB FLASH 124VTLA	
Package	124-VFTLA Dual Row Exposed Pad	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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PIC32MX370F512LT-I/TL Specifications

Manufacturer Microchin Technology Manufacturer Microchin Technology Catego Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 124-VFTLA Dual Row Exposed Pad Series PIC? 32MX Core Processor MIPS32? M4K? Core Size 32-Bit Speed 80MHz Connectivity I2C, IrDA, LIN, PMP, SPI, UART/USART Connectivity Speed Program Memory Size Speed Program Memory Size Speed Program Memory Type FLASH EEPROM Size - Converters A/D 28x 10b Data Converters A/D 28x 10b Data Converters A/D 28x 10b Derating Temperature -40°C ~ 85°C (TA) Operating Temperature -40°C ~ 85°C (TA) Package / Case 124-VFTLA Dual Row Exposed Pad Supplier Device Package 124-VFTLA Dual Row Exposed Pad		
Category Integrated Circuits (Cs) Embedded - Microcontrollers Package 124-VFTLA Dual Row Exposed Pad Package PIC? 32MX Core Processor MIPS32? M4K? Core Size 32-Bit Speed 80MHz Connectivity I2C, IrDA, LIN, PMP, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Parogram Memory Size 512KB (512K x 8) Program Memory Type FLASH Steperod Size - AM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 28x10b Dereting Temperature -40°C ~ 85°C (TA) Advort age / Case 124-VFTLA Dual Row Exposed Pad Supplier Device Package 124-VFTLA Dual Row Exposed Pad	Manufacturer Part Number	PIC32MX370F512LT-I/TL
Embedded - MicrocontrollersPackage124-VFTLA Dual Row Exposed PadSeriesPIC? 32MXCore ProcessorMIPS32? M4K?Core Size32-BitSpeed80MHzConectivity12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bDerating Temperature-40°C ~ 85°C (TA)Operating Temperature124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Manufacturer	Microchip Technology
Package124-VFTLA Dual Row Exposed PadSeriesPIC? 32MXCore ProcessorMIPS32? M4K?Core Size32-BitSpeed80MHzConnetivityIC IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detec/Reset, DMA, POR, PWM, WDTProgram Memory Size512KB (512K x 8)Program Memory TypeFLASHConverters128K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VDetation TypeInternalDetation Type-Operating Temperature-40°C ~ 85°C (TA)Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Category	Integrated Circuits (ICs)
SeriesPIC? 32MXCore ProcessorMIPS32? M4K?Core Size32-BitSpeed80MHzConnectivityI2C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-AM Size128K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bDocalidor TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)		Embedded - Microcontrollers
Core ProcessorMIPS32? M4K?Core Size32-BitSpeed80MHzConnectivity12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-AM Size128K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VDerating Temperature-40°C ~ 85°C (TA)Operating Temperature24-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Package	124-VFTLA Dual Row Exposed Pad
Core Size32-BitSpeed80MHzConnectivityI2C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bDerating Temperature-40°C ~ 85°C (TA)Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Series	PIC? 32MX
Speed80MHzConnectivityI2C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-AM Size128K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VDetating Temperature-40°C ~ 85°C (TA)Operating Temperature-40°C ~ 85°C (TA)Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Core Processor	MIPS32? M4K?
Connectivity I2C, IrDA, LIN, PMP, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - AM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 28x10b Dyscrift Type -40°C ~ 85°C (TA) Peratuge / Case 124-VFTLA Dual Row Exposed Pad Supplier Device Package 124-VTLA (9x9)	Core Size	32-Bit
PeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size512KB (512K x 8)Program Memory TypeFLASHPEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bDocillator Type-uternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Speed	80MHz
Number of I/O 85 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V Data Converters A/D 28x10b Dscillator Type -40°C ~ 85°C (TA) Operating Temperature -40°C ~ 85°C (TA) Package / Case 124-VFTLA Dual Row Exposed Pad Supplier Device Package 124-VTLA (9x9)	Connectivity	I2C, IrDA, LIN, PMP, SPI, UART/USART
Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bDerating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bDerating Temperature-Operating Temperature-40°C ~ 85°C (TA)Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Number of I/O	85
EEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bData ConvertersInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Program Memory Size	512KB (512K x 8)
RAM Size128K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bDecillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Program Memory Type	FLASH
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Data ConvertersA/D 28x10bDscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	RAM Size	128K x 8
Dscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Data Converters	A/D 28x10b
Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Oscillator Type	Internal
Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 124-VTLA (9x9)	Mounting Type	-
	Package / Case	124-VFTLA Dual Row Exposed Pad
	Supplier Device Package	124-VTLA (9x9)
Report errors?		Report error

PIC32MX370F512LT-I/TL 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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