

# PIC32MX350F256LT-V/TL

## PIC32MX350F256LT-V/TL Information



For Reference Only

Part Number	PIC32MX350F256LT-V/TL
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Description	IC MCU 32BIT 256KB 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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# PIC32MX350F256LT-V/TL Specifications

Manufacturer Microchip Technology   Microchip Technology 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 ICC, IrDA, LIN, PMP, SPI, UART/USART   Porpharals Brown-out Detect/Reset, DMA, POR, PWM, WDT   Number of I/O 85   Program Memory Size 265KB (256K x 8)   Program Memory Type FLASH   EEPROM Size -   RAM Size 64K x 8   Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V   Oscillator Type Internal   Operating Temperature -40°C ~ 105°C (TA)   Mounting Type -   Package / Case 124-VFTLA Dual Row Exposed Pad			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage124-VFTLA Dual Row Exposed PadSeriesPIC? 32MXCore ProcessorMIPS32? M4K?Core Size32-BitSpeed80MHzConnectivityI2C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case124-VTLA (9x9)	Manufacturer Part Number	PIC32MX350F256LT-V/TL	
Embedded - MicrocontrollersPackage124-VFTLA Dual Row Exposed PadSeriesPIC? 32MXCore ProcessorMIPS32? M4K?Core Size32-BitSpeed80MHzConnectivity12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Manufacturer	Microchip Technology	
Package124-VFTLA Dual Row Exposed PadSeriesPIC? 32MXCore ProcessorMIPS32? M4K?Core Size32-BitSpeed80MHzConnectivityI2C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detec/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size26KK (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersAnD 28x10bOscillator Type-Porgraing Temperature-40°C ~ 105°C (TA)Mounting Type124-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 Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type:Package / Case124-VTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)		Embedded - Microcontrollers	
Core ProcessorMIPS32? M4K?Core Size32-BitSpeed80MHzConnectivityI2C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersAD 28x10bOscillator Type-Porating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case124-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 Size256KB (256K x 8)Program Memory TypeELASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case124-VFILA 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 Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type124-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 256KB (256K x 8)   Program Memory Type FLASH   EEPROM Size -   RAM Size 64K x 8   Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V   Data Converters A/D 28x10b   Oscillator Type Internal   Operating Temperature -40°C ~ 105°C (TA)   Mounting Type -   Package / Case 124-VFTLA Dual Row Exposed Pad   Supplier Device Package 124-VTLA (9x9)	Core Size	32-Bit	
Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT   Number of I/O 85   Program Memory Size 256KB (256K x 8)   Program Memory Type FLASH   EEPROM Size -   RAM Size 64K x 8   Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V   Data Converters A/D 28x10b   Oscillator Type Internal   Operating Temperature -40°C ~ 105°C (TA)   Package / Case 124-VFTLA Dual Row Exposed Pad   Supplier Device Package 124-VTLA (9x9)	Speed	80MHz	
Number of I/O 85   Program Memory Size 256KB (256K x 8)   Program Memory Type FLASH   EEPROM Size -   RAM Size 64K x 8   Voltage - Supply (Vcc/Vdd) 2.3 V ~ 3.6 V   Data Converters A/D 28x10b   Oscillator Type Internal   Operating Temperature -40°C ~ 105°C (TA)   Mounting Type -   Package / Case 124-VFTLA Dual Row Exposed Pad   Supplier Device Package 124-VTLA (9x9)	Connectivity	I2C, IrDA, LIN, PMP, SPI, UART/USART	
Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°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 Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Number of I/O	85	
EEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Program Memory Size	256KB (256K x 8)	
RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)2.3 V ~ 3.6 VData ConvertersA/D 28x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	EEPROM Size	-	
Data ConvertersA/D 28x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case124-VFTLA Dual Row Exposed PadSupplier Device Package124-VTLA (9x9)	RAM Size	64K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 105°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 ~ 105°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 ~ 105°C (TA)	
Supplier Device Package124-VTLA (9x9)	Mounting Type	-	
	Package / Case	124-VFTLA Dual Row Exposed Pad	
Report errors?	Supplier Device Package	124-VTLA (9x9)	
			Report errors?

### PIC32MX350F256LT-V/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.

## PIC32MX350F256LT-V/TL Payment Methods



If you have any question about PIC32MX350F256LT-V/TL, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com