

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