



LM3S8933-IQC50-A2T Information



For Reference Only

Part Number LM3S8933-IQC50-A2T

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 32BIT 256KB FLASH 100LQFP

Package 100-LQFF

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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LM3S8933-IQC50-A2T Specifications

Manufacturer Part NumberLM3S8933-IQC50-A2TManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage100-LQFPSeriesStellaris? ARM? Cortex?-M3S 8000Core ProcessorARM? Cortex?-M3Core Size32-BitSpeed50MHzConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O36Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-			
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Embedded - Microcontrollers Package 100-LQFP Series Stellaris? ARM? Cortex?-M3S 8000 Core Processor ARM? Cortex?-M3 Core Size 32-Bit Speed 50MHz Connectivity CAN, Ethernet, 12C, IrDA, Microwire, SPI, SSI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 36 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.25 V ~ 2.75 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Manufacturer	Texas Instruments	
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SeriesStellaris? ARM? Cortex?-M3S 8000Core ProcessorARM? Cortex?-M3Core Size32-BitSpeed50MHzConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O36Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-		Embedded - Microcontrollers	
Core ProcessorARM? Cortex?-M3Core Size 32 -BitSpeed 50 MHzConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O 36 Program Memory Size 256 KB $(256$ K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size 64 K x 8Voltage - Supply (Vcc/Vdd) 2.25 V ~ 2.75 VData Converters A /D 4 x10bOscillator TypeInternalOperating Temperature -40 °C ~ 85 °C (TA)Mounting Type-	Package	100-LQFP	
Core Size 32-Bit Speed 50MHz Connectivity CAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 36 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.25 V ~ 2.75 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Series	Stellaris? ARM? Cortex?-M3S 8000	
Speed50MHzConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O36Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-	Core Processor	ARM? Cortex?-M3	
Connectivity CAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 36 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.25 V ~ 2.75 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Core Size	32-Bit	
Peripherals Number of I/O 36 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.25 V ~ 2.75 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Brown-out Detect/Reset, POR, PWM, WDT 36 A/B PWM, WDT A/B PWM, WDT A/B PWM, WDT A/B PWM, WDT A/B A/B PWM, WDT A/B A/B PWM, WDT A/B	Speed	50MHz	
Number of I/O Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 2.25 V ~ 2.75 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Connectivity	CAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USART	
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EEPROM Size - 64K x 8 Voltage - Supply (Vcc/Vdd) 2.25 V ~ 2.75 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Program Memory Size	256KB (256K x 8)	
RAM Size $64K \times 8$ Voltage - Supply (Vcc/Vdd) $2.25 \text{ V} \sim 2.75 \text{ V}$ Data Converters $A/D \times 4x10b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type -	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd) $2.25 \text{ V} \sim 2.75 \text{ V}$ Data ConvertersA/D $4x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-	EEPROM Size	-	
Data ConvertersA/D $4x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-	RAM Size	64K x 8	
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Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type $-$	Data Converters	A/D 4x10b	
Mounting Type -	Oscillator Type	Internal	
	Operating Temperature	-40°C ~ 85°C (TA)	
	Mounting Type	-	
Package / Case 100-LQFP	Package / Case	100-LQFP	
Supplier Device Package 100-LQFP (14x14)	Supplier Device Package	100-LQFP (14x14)	
Report errors?			Report errors?

LM3S8933-IQC50-A2T 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.

LM3S8933-IQC50-A2T Payment Methods



















LM3S8933-IQC50-A2T Shipping Methods













If you have any question about LM3S8933-IQC50-A2T, please do not hesitate to contact us!

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