

LM3S8930-IBZ50-A2

LM3S8930-IBZ50-A2 Information

	 LM3S8930-IBZ50-A2 Texas Instruments Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 256KB FLASH 108BGA 108-LFBGA For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

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LM3S8930-IBZ50-A2 Specifications

SeriesStellaris? ARM? Cortex?-M3S 8000Core ProcessorARM? Cortex?-M3S 8000Core Size32-BitSpeed50MHzConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type108-BGA (10x10)				
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage108-LFBGASteliaris? ARM? Cortex?-M3S 8000Core ProcessorARM? Cortex?-M3S 8000Core Size32-BitSped50MHzConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPreipheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size50KB (256K x 8)Program Memory TypeFLASHEEPROM Size-AMA Size64K x 8Voltage - Supply (Vcc/Vdd)2.55 V ~ 2.75 VData Converters-Operating Temperature40°C ~ 85°C (TA)Mounting Type-Ackage / Case108-LFBGASupplier Device Package108-BGA (10x10)	Manufacturer Part Number	LM3S8930-IBZ50-A2		
IndexterEmbedded - MicrocontrollersPackage108-LFBGASeriesStellaris? ARM? Cortex?-M3S 8000Core ProcessorARM? Cortex?-M3S 8000Core Size32-BitSpeed50MHZConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size50KB (256K x 8)Program Memory TypeFLASHEEPROM Size-AMA Size64K x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 2.75 VData Converters-Oscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Manufacturer	Texas Instruments		
Package108-LFBGASeriesStellaris? ARM? Cortex?-M3S 8000Core ProcessorARM? Cortex?-M3S 8000Core Size32-BitSpeed32-BitConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size256KB (256K x 8)PEROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeHernalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Category	Integrated Circuits (ICs)		
SeriesStellaris? ARM? Cortex?-M3S 8000Core ProcessorARM? Cortex?-M3S 8000Core Size32-BitSpeed50MHzConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type108-BGA (10x10)		Embedded - Microcontrollers		
Core ProcessorARM? Cortex?-M3Core Size32-BitSpeed50MHzConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeInternalOperating Temperature-A0°C ~ 85°C (TA)Mounting Type108-LFBGASupplier Device Package108-BGA (10x10)	Package	108-LFBGA		
Core Size32-BitSpeed50MHzConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size256KB (256K x 8)Program Memory TypeELASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Operating Temperature-Operating Temperature-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Series	Stellaris? ARM? Cortex?-M3S 8000		
Speed50MHzConnectivityCAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type08-LFBGASupplier Device Package108-BGA (10x10)	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 34 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 - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type 108-LFBGA Supplier Device Package 108-BGA (10x10)	Core Size	32-Bit		
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O34Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Speed	50MHz		
Number of I/O 34 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 - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 108-LFBGA Supplier Device Package 108-BGA (10x10)	Connectivity	CAN, Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USART		
Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT		
Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Number of I/O	34		
EEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Program Memory Size	256KB (256K x 8)		
RAM Size64K x 8Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Program Memory Type	FLASH		
Voltage - Supply (Vcc/Vdd)2.25 V ~ 2.75 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	EEPROM Size	-		
Data Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	RAM Size	64K x 8		
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Voltage - Supply (Vcc/Vdd)	2.25 V ~ 2.75 V		
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Data Converters	-		
Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Oscillator Type	Internal		
Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Operating Temperature	-40°C ~ 85°C (TA)		
Supplier Device Package108-BGA (10x10)	Mounting Type	-		
	Package / Case	108-LFBGA		
Report errors?	Supplier Device Package	108-BGA (10x10)		
			Report errors?	

LM3S8930-IBZ50-A2 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.

LM3S8930-IBZ50-A2 Payment Methods





If you have any question about LM3S8930-IBZ50-A2, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com