

LM3S9B95-IBZ80-C5

LM3S9B95-IBZ80-C5 Information

	 LM3S9B95-IBZ80-C5 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

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Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



LM3S9B95-IBZ80-C5 Specifications

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CategoryIntegrated Circuits (ICS)Embedded-MicrocontrollersPackage108-LFBGASeriesStellaris? ARM? Cortex?-M3S 9000Core ProcessorARM? Cortex?-M3S 9000Core Size32-BitSped30-BitSpedS0MHZConnectivityCAN, EBI/EMI, Ethernet, 12C, IrDA, LIN, Microwire, QEI, SPI, SI, UART/USART, USB OTGPripheralsBrown-out Detect/Reset, DMA, 12S, POR, PWM, WDTNumber of I/O65Forgram Memory Size56KB (256K x 8)Program Memory TypeFLASHEVEROM Size-Voltage - Supply (Vcc/Vd)1,235 V - 1,365 VNational ConvertersAD 16x10bOperating Type-Operating Type-Operating Type-Aurola Converters-Aurola Converters-Au	Manufacturer Part Number	LM3S9B95-IBZ80-C5	
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Package108-LFBGASeriesStellaris? ARM? Cortex?-M3S 9000Core ProcessorARM? Cortex?-M3S 9000Core Size32-BitSpeed32-BitConectivityGMHzConnectivityCAN, EBI/EMI, Ethernet, 12C, IrDA, LIN, Microwire, QEI, SPI, SSI, UART/USART, USB 000PripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O65Program Memory Size56KB (256K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vd)1.235 V ~ 1.365 VVoltage - Supply (Vcc/Vd)I.235 V ~ 1.365 VOscillator TypeInternalOperating Themper-Munting Type-Ackage / Case108-LFBGASupplier Device Package108-BGA (10x10)	Category	Integrated Circuits (ICs)	
AreaStellaris? ARM? Cortex?-M3S 9000Core ProcessorARM? Cortex?-M3S 9000Core Size32-BitSpeed80MHzConnectivityCAN, EBJ/EMI, Ethernet, I2C, IrDA, LIN, Microwire, QEI, SPI, UART/USART, USB OTGPreipheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O65Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-Valdage - Supply (Vcc/Vd)1.235 V ~ 1.365 VOkcilator TypeAronal ActionOscillator TypeAnota ConvertersOperating Temperature-Avon Converters-Mounting Type-Prekage / Case1.82 - C (TA)Stellator Supply (Vcc)-Operating Temperature-Avon Converters-Mounting Type-Stellator Supple Device Backage108-BGA (10010)		Embedded - Microcontrollers	
Core ProcessorARM? Corex?-M3Core Size32-BitSpeed80MHzConnectivityCAN, EBJ/EMI, Ethernet, I2C, IrDA, LIN, Microwire, QEI, SNJ, UART/USART, USB OTGPreipheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of J/O65Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-Values - Supply (Vc/Vd)1,235 V - 1,365 VNotale - Supply (Vc/Vd)4,016 (100Oreitaing Type-Oreitaing Type- <td>Package</td> <td colspan="2">108-LFBGA</td>	Package	108-LFBGA	
Core Size32-BitSpeed80MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, IrDA, LIN, Microwire, QEI, SPI, SAI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O65Forgarn Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vd)1.235 V ~ 1.365 VOrder Supply (Vcc/Vd)AD 16x10bOrder Supply (Vcc/Vd)InternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASuppler Device Package108-BGA (10x10)	Series	Stellaris? ARM? Cortex?-M3S 9000	
Speed80MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, IrDA, LIN, Microwite, QEI, SNJ, UART/USART, USB OFPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O65Program Memory Size26KB (256K x 8)Program Memory TypeFLASHFARM Size06K x 8Voltage - Supply (Vcc/Vd)1.235 V - 1.365 VPota ConvertersAD 16x10Operating Type4.0°C × 8°C (TA)Nouting Type0.4°C × 8°C (TA)Package / Case0.8-LFBGASupplier Device Package108-BGA (10x10)	Core Processor	ARM? Cortex?-M3	
Image: Connectivity CAN, EBI/EMI, Ethernet, I2C, IrDA, LIN, Microwire, QEI, SPI, SAI, UART, USB ATT, SPI, Program QEI, SPI, CAN, EDECK, RAD, PWM, WDT Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 65 Program Memory Sizeu 56KB (256K x 8) Program Memory Typeu FLASH Program Memory Typeu FLASH Step Sizeu - Valage - Supply (Vcc/Vd) 1.235 V ~ 1.365 V Order of Sizeu - Order Of Sizeu A/D 16x10b Order Of Sizeu - Order Of Sizeu	Core Size	32-Bit	
PeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O65Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size96K x 8Voltage - Supply (Vcc/Vdd)1.235 V ~ 1.365 VData ConvertersA/D 16x10bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Speed	80MHz	
Number of I/O 65 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 96K x 8 Voltage - Supply (Vcc/Vdd) 1.235 V ~ 1.365 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 108-LFBGA Supplier Device Package 108-BGA (10x10)	Connectivity	CAN, EBI/EMI, Ethernet, I2C, IrDA, LIN, Microwire, QEI, SPI, SSI, UART/USART, USB OTG	
Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size96K x 8Voltage - Supply (Vcc/Vdd)1.235 V ~ 1.365 VData ConvertersA/D 16x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size-RAM Size96K x 8Voltage - Supply (Vcc/Vdd)1.235 V ~ 1.365 VData ConvertersA/D 16x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Number of I/O	65	
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RAM Size96K x 8Voltage - Supply (Vcc/Vd)1.235 V ~ 1.365 VData ConvertersA/D 16x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Program Memory Type	FLASH	
Note of the second se	EEPROM Size	-	
Data ConvertersA/D 16x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	RAM Size	96K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Voltage - Supply (Vcc/Vdd)	1.235 V ~ 1.365 V	
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case108-LFBGASupplier Device Package108-BGA (10x10)	Data Converters	A/D 16x10b	
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?	

LM3S9B95-IBZ80-C5 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

LM3S9B95-IBZ80-C5 Payment Methods





If you have any question about LM3S9B95-IBZ80-C5, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com