

ATSAM3S8CA-CU

ATSAM3S8CA-CU Information

www.nelsener.com	 ATSAM3S8CA-CU Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 512KB FLASH 100BGA 100-TFBGA 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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ATSAM3S8CA-CU Specifications

Manufacturer Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers Package 100-TFBGA Series SAM3S Core Processor ARM? Cortex?-M3 Core Size 32-Bit Speed 64MHz Connectivity EBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USB Peripherals Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT Number of I/O 79 Program Memory Size 512KB (512K x 8) EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 1.62 V ~ 3.6 V Data Converters A/D 15x10/12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage100-TFBGASeriesSAM3SCore ProcessorARM? Cortex?-M3Core Size32-BitSpeed64MHzConnectivityEBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USBPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O79Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.62 V ~ 3.6 VData ConvertersA/D 15x10/12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TFBGA (9x9)	Manufacturer Part Number	ATSAM3S8CA-CU	
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Speed64MHzConnectivityEBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USBPeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O79Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.62 V ~ 3.6 VData ConvertersA/D 15x10/12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TFBGA (9x9)	Core Processor	ARM? Cortex?-M3	
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PeripheralsBrown-out Detect/Reset, DMA, I2S, POR, PWM, WDTNumber of I/O79Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.62 V ~ 3.6 VData ConvertersA/D 15x10/12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TFBGA (9x9)	Speed	64MHz	
Number of I/O79Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.62 V ~ 3.6 VData ConvertersA/D 15x10/12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TFBGA (9x9)	Connectivity	EBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USB	
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EEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.62 V ~ 3.6 VData ConvertersA/D 15x10/12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TFBGASupplier Device Package100-TFBGA (9x9)	Program Memory Size	512KB (512K x 8)	
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Voltage - Supply (Vcc/Vdd)1.62 V ~ 3.6 VData ConvertersA/D 15x10/12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TFBGASupplier Device Package100-TFBGA (9x9)	EEPROM Size	-	
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Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TFBGASupplier Device Package100-TFBGA (9x9)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V	
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TFBGASupplier Device Package100-TFBGA (9x9)	Data Converters	A/D 15x10/12b, D/A 2x12b	
Mounting Type-Package / Case100-TFBGASupplier Device Package100-TFBGA (9x9)	Oscillator Type	Internal	
Package / Case100-TFBGASupplier Device Package100-TFBGA (9x9)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package100-TFBGA (9x9)	Mounting Type	-	
	Package / Case	100-TFBGA	
Report errors?	Supplier Device Package	100-TFBGA (9x9)	
			Report errors?

ATSAM3S8CA-CU 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.

ATSAM3S8CA-CU Payment Methods



ATSAM3S8CA-CU Shipping Methods



If you have any question about ATSAM3S8CA-CU, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com