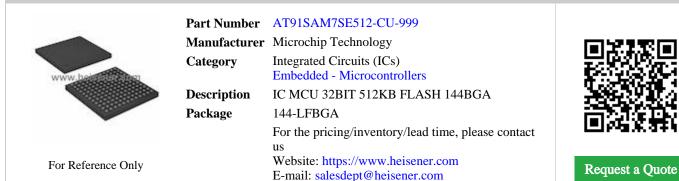


AT91SAM7SE512-CU-999

AT91SAM7SE512-CU-999 Information



Certified Quality

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.



AT91SAM7SE512-CU-999 Specifications

Manufacturer Microchip Technology Package Manufactures (ICs) Proper Sefed Sorries SAM7SE Core Sroc ARM7? Conecsor I6/32-Bit Speed SOMHz Connectivity EBI/EMI, I2C, SPI, SSC, UART/USART, USB Number of I/O 88 Program Memory Size S12KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 1.95 V Data Converters A/D 8x10b		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage144-LFBGASeriesSAM7SECore ProcessorARM7?Core Size16/32-BitSpeed55MHzConnectivityEBI/EMI, 12C, SPI, SSC, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O88Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 1.95 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Manufacturer Part Number	AT91SAM7SE512-CU-999
Hebedded - MicrocontrollersPackage144.LFBGASeriesSAM7SECore ProcessorARM7?Core Size16/32-BitSpeed55MHzConnectivityEBI/EMI, 12C, SPI, SSC, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O88Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 1.95 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Manufacturer	Microchip Technology
Package144.LFBGASeriesSAM7SECore ProcessorARM7?Core Size16/32-BitSpeed55MHzConnectivityBEI/EMI, 12C, SPI, SSC, UART/USART, USBPripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O88Program Memory Size512KB (512K x 8)PEROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.65 V~1.95 VData ConvertersAD8 810bOperating Temperature4.0°C ~85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Category	Integrated Circuits (ICs)
Series SAM7SE Series SAM7? Core Processor ARM7? Core Size 16/32-Bit Speed 55MHz Connectivity EBI/EMI, I2C, SPI, SSC, UART/USART, USB Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 88 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 1.95 V Data Converters A/D 8x10b Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Prokage / Case 144-EBGA (13x13)		Embedded - Microcontrollers
Core ProcessorARM??Core Size16/32-BitSpeed55MHzConnectivityEBI/EMI, I2C, SPI, SSC, UART/USART, USBPoripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O88Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 1.95 VData ConvertersA/D 8x10bOperating Temperature-Querting Temperature-Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Package	144-LFBGA
Core Size16/32-BitSpeed55MHzConnectivityEBI/EMI, I2C, SPI, SSC, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O88Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 1.95 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-EFBGASupplier Device Package144-BGA (13x13)	Series	SAM7SE
Speed55MHzConnectivityEBI/EMI, I2C, SPI, SSC, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O88Program Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.65 V~1.95 VData ConvertersAnD 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Core Processor	ARM7?
Connectivity EBI/EMI, 12C, SPI, SSC, UART/USART, USB Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 88 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 1.95 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 144-EBGA (13x13)	Core Size	16/32-Bit
Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 88 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 1.95 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 144-LFBGA Supplier Device Package 144-BGA (13x13)	Speed	55MHz
Number of I/O 88 Program Memory Size 512KB (512K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 1.95 V Data Converters A/D 8x10b Oscillator Type -40°C ~ 85°C (TA) Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 144-LFBGA Supplier Device Package 144-BGA (13x13)	Connectivity	EBI/EMI, I2C, SPI, SSC, UART/USART, USB
Number of PoeofProgram Memory Size512KB (512K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 1.95 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vd)1.65 V ~ 1.95 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Number of I/O	88
EEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 1.95 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Program Memory Size	512KB (512K x 8)
RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 1.95 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.65 V ~ 1.95 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	EEPROM Size	-
Data ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	RAM Size	32K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Data Converters	A/D 8x10b
Mounting Type-Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Oscillator Type	Internal
Package / Case144-LFBGASupplier Device Package144-BGA (13x13)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package144-BGA (13x13)	Mounting Type	-
	Package / Case	144-LFBGA
Report errors?	Supplier Device Package	144-BGA (13x13)
1 I		Report errors?

AT91SAM7SE512-CU-999 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.

AT91SAM7SE512-CU-999 Payment Methods



If you have any question about AT91SAM7SE512-CU-999, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com