



S6E1C32B0AGN20000 Information

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Part NumberS6E1C32B0AGN20000ManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 32BIT 128KB FLASH

Package -

For the pricing/inventory/lead time, please contact

us

For Reference Only

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S6E1C32B0AGN20000 Specifications

Category Integrated Circuits (ICs) Embedded - Microcontrollers Package - Series FM0+ S6E1C3 Core Processor ARM? Cortex?-M0+ Core Size 32-Bit Speed 40MHz Connectivity CSIO, 12C, LIN, UART/USART, USB Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 6x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type -		
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Connectivity CSIO, 12C, LIN, UART/USART, USB Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 6x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Package / Case Supplier Device Package - CSIO, 12C, LIN, UART/USART, USB LVD, POR, PWM, WDT 24 LVD, POR, PWM, WDT 128 LVD, POR, PO	Core Size	32-Bit
Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 6x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Package / Case Supplier Device Package - LVD, POR, PWM, WDT 24 LVD, POR, PWM, WDT A/D A/D CASH FLASH FLASH - Internal - - - - - - - - - - - - -	Speed	40MHz
Number of I/O Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 6x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case Supplier Device Package - 128KB (128K x 8) FLASH FLASH FLASH FLASH FLASH FLASH - Internal - - - - - - - - - - - - -	Connectivity	CSIO, I2C, LIN, UART/USART, USB
Program Memory Size Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 6x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case Supplier Device Package - 128KB (128K x 8) FLASH FLASH - I 6K x 8 - - - - - - - - - - - - -	Peripherals	LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 6x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case - Supplier Device Package -	Number of I/O	24
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RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 6x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case - Supplier Device Package -	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $1.65 \text{ V} \sim 3.6 \text{ V}$ Data Converters $A/D 6x12b$ Oscillator Type $Internal$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C (TA)}$ Mounting Type $-$ Package / Case $-$ Supplier Device Package $-$	EEPROM Size	-
Data Converters A/D 6x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case Supplier Device Package - A/D 6x12b Internal -40°C ~ 105°C (TA) - - - - - - - - - - - - -	RAM Size	16K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case Supplier Device Package Internal -40°C ~ 105°C (TA) -	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case - Supplier Device Package -	Data Converters	A/D 6x12b
Mounting Type - Package / Case - Supplier Device Package -	Oscillator Type	Internal
Package / Case - Supplier Device Package -	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package -	Mounting Type	-
	Package / Case	-
Report errors?	Supplier Device Package	-
		Report errors

S6E1C32B0AGN20000 Guarantees



Quality Guarantees

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Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

S6E1C32B0AGN20000 Payment Methods



















S6E1C32B0AGN20000 Shipping Methods













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