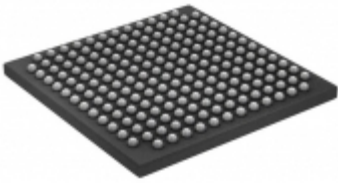


S6E2C1AJ0AGB1000A





Part Number: [S6E2C1AJ0AGB1000A](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 2MB FLASH 192BGA

Data sheet:  [S6E2C1 Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

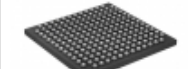
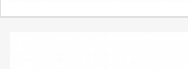
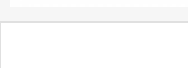
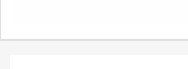
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PRODUCT PARAMETER			
Part Number	S6E2C1AJ0AGB1000A	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 2MB FLASH 192BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6662 pcs	Data sheet	S6E2C1 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	192-FBGA (12x12)	Speed	200MHz
Series	FM4 S6E2C1	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	2MB (2M x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	192-LFBGA	Other Names	S6E2C1AJ0AGB10000 S6E2C1AJ0AGB10000-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	152	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	28 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4F FM4 S6E2C1 Microcontroller IC 32-Bit 200MHz 2MB (2M x 8) FLASH 192-FBGA (12x12)
Data Converters	A/D 32x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CSIO, EBI/EMI, I ² C, LINbus, SD, SPI, UART/USART, USB

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	Part#: S6E2C1AH0AGV2000A Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: S6E2C29L0AGL2000A Description: IC MCU 32BIT 1.5MB FLASH 216LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: S6E2C29J0AGB1000A Description: IC MCU 32BIT 1.5MB FLASH 192BGA	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: S6E2C29H0AGV2000A Description: IC MCU 32BIT 1.5MB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ

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