



Cypress Semiconductor



Image may be representation. See specifications for product details.

S6E2C1AJ0AGB1000A

Part Number:	S6E2C1AJ0AGB1000A
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 2MB FLASH 192BGA
Datasheets:	 S6E2C1AJ0AGB1000A.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7929 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

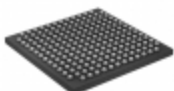
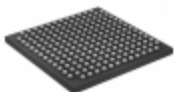
Specifications of S6E2C1AJ0AGB1000A

PART NUMBER	S6E2C1AJ0AGB1000A
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 2MB FLASH 192BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7929 pcs
DATA SHEET	 S6E2C1AJ0AGB1000A.pdf
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, I²S, 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)
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, I²C, LINbus, SD, SPI, UART/USART, USB

Related Tags

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Related Products

 S6E2C28L0AGL2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 216LQFP In stock: 4773 pcs RFQ	 S6E2C28J0AGB1000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 192BGA In stock: 6242 pcs RFQ
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 S6E2C1AH0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 8908 pcs RFQ	 S6E2C19J0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1.5MB FLASH 176LQFP In stock: 4942 pcs RFQ
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