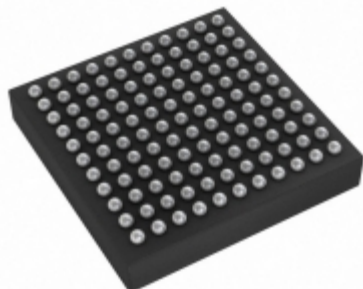


S6E2HG4G0AGB3000A





Part Number: [S6E2HG4G0AGB3000A](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 288KB FLASH 121BGA

Data sheet:  [S6E2HG Series](#)

RoHs Status: Lead free / RoHS Compliant

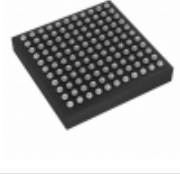
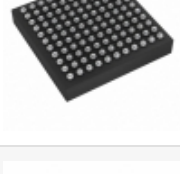
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PRODUCT PARAMETER			
Part Number	S6E2HG4G0AGB3000A	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 288KB FLASH 121BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10304 pcs	Data sheet	S6E2HG Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	121-FBGA (6x6)	Speed	160MHz
Series	FM4 S6E2HG	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	288KB (288K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	121-TFBGA	Other Names	428-3701 S6E2HG4G0AGB30000 S6E2HG4G0AGB30000-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	100	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 S6E2HG Microcontroller IC 32-Bit 160MHz 288KB (288K x 8) FLASH 121-FBGA (6x6)
Data Converters	A/D 24x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CANbus, CSIO, EBI/EMI, I²C, LINbus, SD, UART/USART
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	Part#: S6E2HG6E0AGV20000 Description: IC MCU 32BIT 544KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2H46G0AGV20000 Description: IC MCU 32BIT 544KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HE4E0AGV20000 Description: IC MCU 32BIT 288KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E450-AP04-70 Description: FAN AXIAL 522X159MM 115VAC WIRE	Manufacturers: ebm-papst Inc.	RFQ
	Part#: S6E2HG6G0AGB3000A Description: IC MCU 32BIT 544KB FLASH 121BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HE6G0AGV20000 Description: IC MCU 32BIT 544KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HG4E0AGV20000 Description: IC MCU 32BIT 288KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HE6G0AGV2B000 Description: INTEGRATED CIRCUIT	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E450-AP02-71 Description: FAN AXIAL 522X159MM 230VAC WIRE	Manufacturers: ebm-papst Inc.	RFQ
	Part#: S6E2HE6F0AGV2000A Description: IC MCU 32BIT 544KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HE4F0AGV20000 Description: IC MCU 32BIT 288KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HG4G0AGV20000 Description: IC MCU 32BIT 288KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HE6G0AGB3000A Description: IC MCU 32BIT 544KB FLASH 121BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HG4F0AGV20000 Description: IC MCU 32BIT 288KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HG6F0AGV20000 Description: IC MCU 32BIT 544KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: S6E2HE4G0AGB3000A Description: IC MCU 32BIT 288KB FLASH 121BGA	Manufacturers: Cypress Semiconductor	RFQ
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