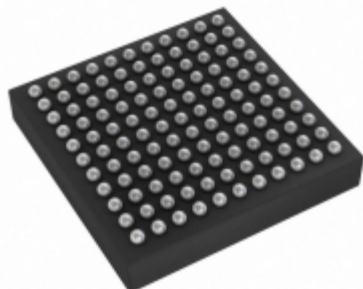


S6E2H16G0AGB3000A





Part Number:

S6E2H16G0AGB3000A

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 32BIT 544KB FLASH 121BGA

Data sheet:

 [S6E2H1 Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

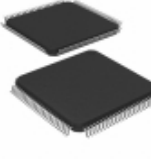
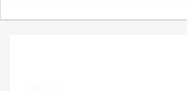
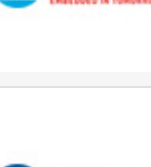
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	S6E2H16G0AGB3000A	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 544KB FLASH 121BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11334 pcs	Data sheet	S6E2H1 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 S6E2H1	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	544KB (544K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	121-TFBGA	Other Names	428-3681 S6E2H16G0AGB30000 S6E2H16G0AGB30000-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	27 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4F FM4 S6E2H1 Microcontroller IC 32-Bit 160MHz 544KB (544K x 8) FLASH 121-FBGA (6x6)
Data Converters	A/D 24x12b. D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CSIO, EBI/EMI, PC, LINbus, UART/USART
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	Part#: S6E2H14F0AGV20000 Description: IC MCU 32BIT 288KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: S6E2GM8J0AGV2000A Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2H46G0AGV20000 Description: IC MCU 32BIT 544KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: S6E2H46G0AGB3000A Description: IC MCU 32BIT 544KB FLASH 121BGA	Manufacturers: Cypress Semiconductor	RFQ
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