





Cypress Semiconductor


S6E2H44G0AGB3000A

Part Number:	S6E2H44G0AGB3000A
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 32BIT 288KB FLASH 121BGA
Datasheets:	 S6E2H44G0AGB3000A.pdf
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	14605 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.



Specifications of S6E2H44G0AGB3000A

PART NUMBER	S6E2H44G0AGB3000A
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 288KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14605 pcs
DATA SHEET	 S6E2H44G0AGB3000A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	121-FBGA (6x6)
SPEED	160MHz
SERIES	FM4 S6E2H4
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	428-3685 S6E2H44G0AGB30000 S6E2H44G0AGB30000-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	100
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F FM4 S6E2H4 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, I ² C, LINbus, UART/USART

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 <p>S6E2H44E0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 12584 pcs</p> <p>RFQ</p>	 <p>S6E2H16G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 121BGA In stock: 13391 pcs</p> <p>RFQ</p>
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