



Cypress Semiconductor



S6E2DF5G0AGB3000A

Part Number:	S6E2DF5G0AGB3000A
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 384KB FLASH 161BGA
Datasheets:	 S6E2DF5G0AGB3000A.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7821 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

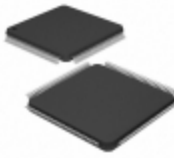
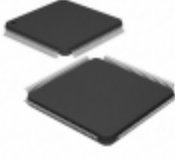
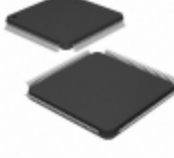
Specifications of S6E2DF5G0AGB3000A

PART NUMBER	S6E2DF5G0AGB3000A
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 384KB FLASH 161BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7821 pcs
DATA SHEET	 S6E2DF5G0AGB3000A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	161-FBGA (8x8)
SPEED	160MHz
SERIES	FM4 S6E2DF
RAM SIZE	36K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	384KB (384K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	161-TFBGA
OTHER NAMES	S6E2DF5G0AGB30000 S6E2DF5G0AGB30000-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	98
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F FM4 S6E2DF Microcontroller IC 32-Bit 160MHz 384KB (384K x 8) FLASH 161-FBGA (8x8)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CSIO, EBI/EMI, I²C, LINbus, SD, SPI, UART/USART, USB

Related Tags

Cypress Semiconductor S6E2DF5G0AGB3000A	S6E2DF5G0AGB3000A Distributor	S6E2DF5G0AGB3000A Supplier
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Cypress Semiconductor S6E2DF5G0AGB3000A	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
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Related Products

 S6E2DF5GJAMV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 5014 pcs RFQ	 S6E2DH5G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 161BGA In stock: 7784 pcs RFQ
 S6E2DF5G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 5849 pcs RFQ	 S6E2D35J0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 176LQFP In stock: 6275 pcs RFQ
 S6E2D55G0AGE20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 6665 pcs RFQ	 S6E2DF5J0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 176LQFP In stock: 4310 pcs RFQ
 S6E2DF5G0AGE20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 5884 pcs RFQ	 S6E2D55GJAMV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 384KB FLASH 120LQFP In stock: 6018 pcs RFQ
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