



Cypress Semiconductor



S6E2GH6J0AGV2000A

Part Number:	S6E2GH6J0AGV2000A
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 512KB FLASH 176LQFP
Datasheets:	 S6E2GH6J0AGV2000A.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5838 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 S6E2GH6J0AGV2000A

PART NUMBER	S6E2GH6J0AGV2000A
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 176LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5838 pcs
DATA SHEET	 S6E2GH6J0AGV2000A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	176-LQFP (24x24)
SPEED	180MHz
SERIES	FM4 S6E2GH
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	176-LQFP
OTHER NAMES	428-3716 S6E2GH6J0AGV20000 S6E2GH6J0AGV20000-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	121
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F FM4 S6E2GH Microcontroller IC 32-Bit 180MHz 512KB (512K x 8) FLASH 176-LQFP (24x24)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, CSIO, EBI/EMI, I²C, LINbus, SD, SmartCard, SPI, UART/USART, USB

Related Tags

Cypress Semiconductor S6E2GH6J0AGV2000A	S6E2GH6J0AGV2000A Distributor	S6E2GH6J0AGV2000A Supplier
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Cypress Semiconductor S6E2GH6J0AGV2000A	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor S6E2GH6J0AGV2000A	Cypress Semiconductor Corp S6E2GH6J0AGV2000A	

Related Products

 S6E2G38H0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 7260 pcs RFQ	 S6E2GH6H0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 6546 pcs RFQ
 S6E2GH8J0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 5613 pcs RFQ	 S6E2G38J0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 5838 pcs RFQ
 S6E2GK6HHAGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 5896 pcs RFQ	 S6E2GK6J0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: 5749 pcs RFQ
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