

CYPRESS
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Cypress Semiconductor



Image may be representation. See specifications for product details.

S6E2GK6J0AGV2000A

Part Number:	S6E2GK6J0AGV2000A
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 512KB FLASH 176LQFP
Datasheets:	 S6E2GK6J0AGV2000A.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5749 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of S6E2GK6J0AGV2000A

PART NUMBER	S6E2GK6J0AGV2000A
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 176LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5749 pcs
DATA SHEET	 S6E2GK6J0AGV2000A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	176-LQFP (24x24)
SPEED	180MHz
SERIES	FM4 S6E2GK
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	428-3721 S6E2GK6J0AGV20000 S6E2GK6J0AGV20000-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	153
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F FM4 S6E2GK Microcontroller IC 32-Bit 180MHz 512KB (512K x 8) FLASH 176-LQFP (24x24)
DATA CONVERTERS	A/D 32x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CSIO, EBI/EMI, I²C, LINbus, SD, SmartCard, SPI, UART/USART, USB

Related Tags

Cypress Semiconductor S6E2GK6J0AGV2000A	S6E2GK6J0AGV2000A Distributor	S6E2GK6J0AGV2000A Supplier
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Cypress Semiconductor S6E2GK6J0AGV2000A	Cypress Semiconductor Corp S6E2GK6J0AGV2000A	

Related Products

 S6E2GM6H0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 6451 pcs RFQ	 S6E2GH6H0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 6546 pcs RFQ
 S6E2GK8JHAGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 5748 pcs RFQ	 S6E2GK6JHAGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: 5842 pcs RFQ
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 S6E2GK6HHAGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 5896 pcs RFQ	 S6E2GK8J0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 5421 pcs RFQ