



Cypress Semiconductor



S6E2GM6J0AGV2000A

Part Number:	S6E2GM6J0AGV2000A
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 512KB FLASH 176LQFP
Datasheets:	 S6E2GM6J0AGV2000A.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7066 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 S6E2GM6J0AGV2000A

PART NUMBER	S6E2GM6J0AGV2000A
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 176LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7066 pcs
DATA SHEET	 S6E2GM6J0AGV2000A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	176-LQFP (24x24)
SPEED	180MHz
SERIES	FM4 S6E2GM
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	428-3727 S6E2GM6J0AGV20000 S6E2GM6J0AGV20000-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 S6E2GM 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	CANbus, CSIO, EBI/EMI, Ethernet, I²C, LINbus, SD, SmartCard, SPI, UART/USART, USB

Related Tags

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Cypress Semiconductor S6E2GM6J0AGV2000A	Cypress Semiconductor Corp S6E2GM6J0AGV2000A	

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 S6E2GM8H0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 6264 pcs RFQ	 S6E2GM8HHAGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 8741 pcs RFQ
 S6E2GK8HHAGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 5577 pcs RFQ	 S6E2GK8J0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 5421 pcs RFQ
 S6E2GK8H0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 7266 pcs RFQ	 S6E2GK8JHAGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 5748 pcs RFQ
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