

S6E2GM8HHAGV2000A



Part Number: [S6E2GM8HHAGV2000A](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 1MB FLASH 144LQFP

Data sheet:  [S6E2G Series](#)

RoHs Status: Lead free / RoHS Compliant

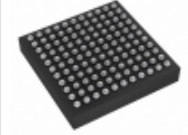
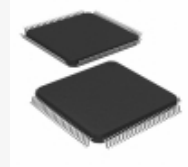
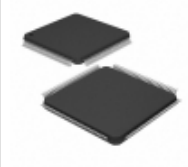
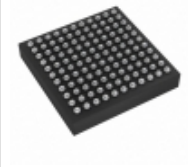
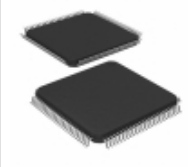
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PRODUCT PARAMETER		
Part Number	S6E2GM8HHAGV2000A	Manufacturer Cypress Semiconductor
Description	IC MCU 32BIT 1MB FLASH 144LQFP	Lead Free Status / RoHS Status Lead free / RoHS Compliant
Quantity Available	8335 pcs	Data sheet S6E2G Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed 180MHz
Series	FM4 S6E2GM	RAM Size 192K x 8
Program Memory Type	FLASH	Program Memory Size 1MB (1M x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging Tray
Package / Case	144-LQFP	Other Names 1274-1197 S6E2GM8HHAGV20000 S6E2GM8HHAGV20000-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 S6E2GM Microcontroller IC 32-Bit 180MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)	Data Converters A/D 24x12b
Core Size	32-Bit	Core Processor ARM® Cortex®-M4F
Connectivity	CANbus, CSIO, EBI/EMI, Ethernet, I ² C, LINbus, SD, SmartCard, SPI, UART/USART, USB	
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Related keywords for **S6E2GM8HHAGV2000A**

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