

S6E2HE6F0AGV2000A



Part Number: [S6E2HE6F0AGV2000A](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 544KB FLASH 100LQFP

Data sheet:  [S6E2HE Series](#)

RoHs Status: Lead free / RoHS Compliant

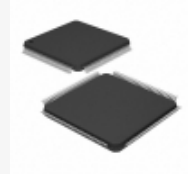
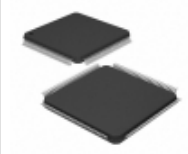
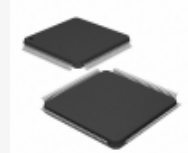
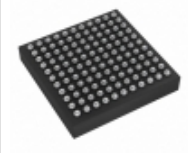
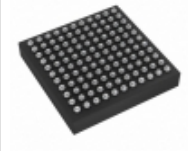
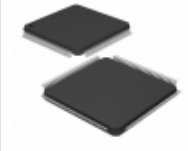
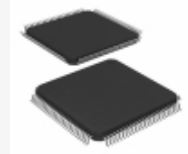
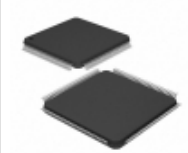
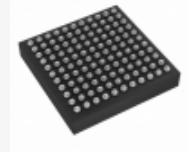
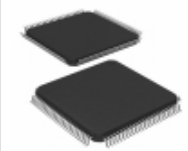
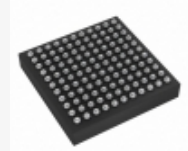
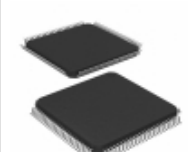
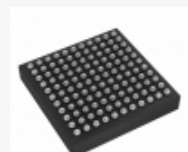
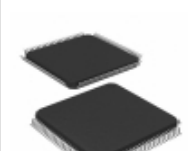
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PRODUCT PARAMETER			
Part Number	S6E2HE6F0AGV2000A	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 544KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10249 pcs	Data sheet	S6E2HE Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	160MHz
Series	FM4 S6E2HE	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	544KB (544K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	428-3696 S6E2HE6F0AGV20000 S6E2HE6F0AGV20000-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	80	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4F FM4 S6E2HE Microcontroller IC 32-Bit 160MHz 544KB (544K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 24x12b. D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	CSIO, EBI/EMI, I²C, LINbus, SD, UART/USART		
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	Part#: S6E2HE4G0AGV20000 Description: IC MCU 32BIT 288KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2H46G0AGV20000 Description: IC MCU 32BIT 544KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: S6E2H46G0AGB3000A Description: IC MCU 32BIT 544KB FLASH 121BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HG4F0AGV20000 Description: IC MCU 32BIT 288KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2HG4G0AGB3000A Description: IC MCU 32BIT 288KB FLASH 121BGA	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: S6E2HG6F0AGV20000 Description: IC MCU 32BIT 544KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6E2H46E0AGV20000 Description: IC MCU 32BIT 544KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ

Related keywords for S6E2HE6F0AGV2000A			
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