

S6E1A12C0AGN20000



Part Number: [S6E1A12C0AGN20000](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 88KB FLASH 48QFN

Data sheet:

RoHs Status: Lead free / RoHS Compliant

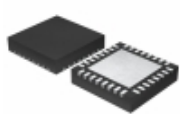
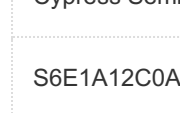
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PRODUCT PARAMETER			
Part Number	S6E1A12C0AGN20000	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 88KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	54331 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-QFN (7x7)	Speed	40MHz
Series	FM0+ S6E1A1	RAM Size	6K x 8
Program Memory Type	FLASH	Program Memory Size	88KB (88K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-WFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	37
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	26 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ FM0+ S6E1A1 Microcontroller IC 32-Bit 40MHz 88KB (88K x 8) FLASH 48-QFN (7x7)	Data Converters	A/D 8x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	CSIO, I²C, LINbus, UART/USART		
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	Part#: S6E1B34E0AGF20000 Description: IC MCU 32BIT 304KB FLASH 80LQFP	Manufacturers: Cypress Semiconductor	RFQ
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