

S6E1C31D0AGN20000



Part Number: [S6E1C31D0AGN20000](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 64KB FLASH 64QFN

Data sheet:  [S6E1C3 Series](#)

RoHs Status: Lead free / RoHS Compliant

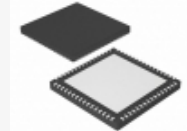
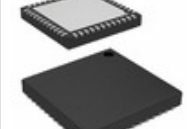
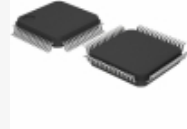
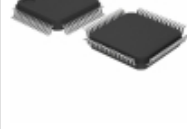
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PRODUCT PARAMETER			
Part Number	S6E1C31D0AGN20000	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 64KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	33392 pcs	Data sheet	S6E1C3 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	40MHz
Series	FM0+ S6E1C3	RAM Size	12K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-WFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	54
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	15 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ FM0+ S6E1C3 Microcontroller IC 32-Bit 40MHz 64KB (64K x 8) FLASH 64-QFN (9x9)	Data Converters	A/D 8x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	CSIO, I ² C, LINbus, SmartCard, UART/USART, USB		
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