

S6E1C12B0AGP20000



Part Number: [S6E1C12B0AGP20000](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 128KB FLASH 32LQFP

Data sheet:  [S6E1C1 Series](#)

RoHs Status: Lead free / RoHS Compliant

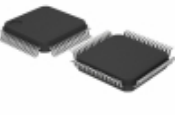
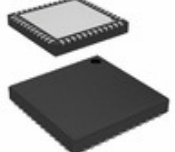
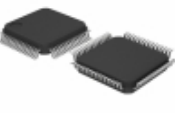
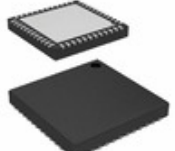
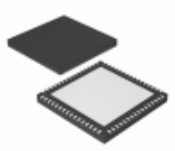
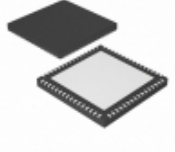
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PRODUCT PARAMETER			
Part Number	S6E1C12B0AGP20000	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 128KB FLASH 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39132 pcs	Data sheet	S6E1C1 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	32-LQFP (7x7)	Speed	40MHz
Series	FM0+ S6E1C1	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	32-LQFP	Other Names	428-3797 S6E1C12B0AGP20000-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	24	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+ S6E1C1 Microcontroller IC 32-Bit 40MHz 128KB (128K x 8) FLASH 32-LQFP (7x7)
Data Converters	A/D 6x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	CSIO, I ² C, LINbus, SmartCard, UART/USART
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