

S6E1A12C0AGV20000



Part Number: [S6E1A12C0AGV20000](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 88KB FLASH 48LQFP

Data sheet:  [S6E1A Series](#)
 [S6E1A1 Series Programming Guide](#)

RoHs Status: Lead free / RoHS Compliant

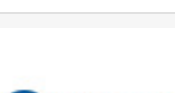
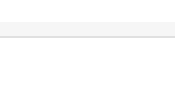
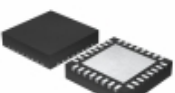
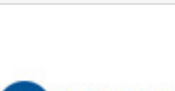
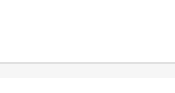
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PRODUCT PARAMETER			
Part Number	S6E1A12C0AGV20000	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 88KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	41732 pcs	Data sheet	S6E1A Series S6E1A1 Series Programming Guide
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-LQFP (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-LQFP	Other Names	1534-1100 S6E1A12C0AGV20000-ND
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	29 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-LQFP (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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