

S6E2H44F0AGV20000



Part Number: [S6E2H44F0AGV20000](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 288KB FLASH 100LQFP

Data sheet:  [S6E2H4 Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

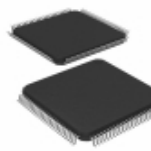
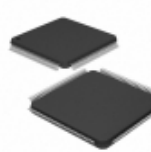
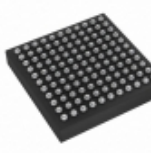
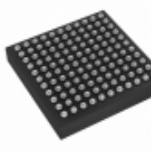
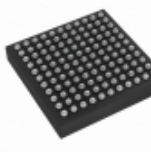
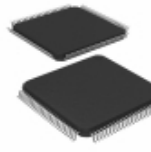
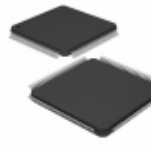
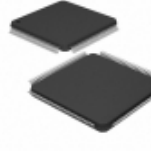
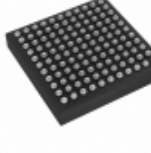
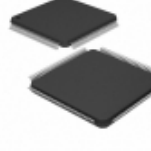
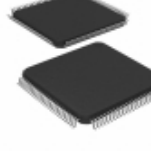
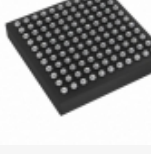
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PRODUCT PARAMETER			
Part Number	S6E2H44F0AGV20000	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 288KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10455 pcs	Data sheet	S6E2H4 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	160MHz
Series	FM4 S6E2H4	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	288KB (288K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	428-3684 S6E2H44F0AGV20000-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	80	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®-M4F FM4 S6E2H4 Microcontroller IC 32-Bit 160MHz 288KB (288K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 24x12b. D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CANbus, CSIO, EBI/EMI, I²C, LINbus, UART/USART

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