

S6E2DH5J0AGV2000A



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Part Number: [S6E2DH5J0AGV2000A](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 384KB FLASH 176LQFP

Data sheet:  [S6E2DH Series](#)

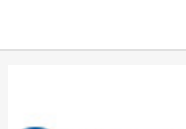
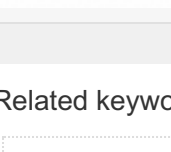
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	S6E2DH5J0AGV2000A	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 384KB FLASH 176LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5522 pcs	Data sheet	S6E2DH Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	176-LQFP (24x24)	Speed	160MHz
Series	FM4 S6E2DH	RAM Size	36K x 8
Program Memory Type	FLASH	Program Memory Size	384KB (384K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	176-LQFP	Other Names	S6E2DH5J0AGV20000 S6E2DH5J0AGV20000-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	154	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®-M4F FM4 S6E2DH Microcontroller IC 32-Bit 160MHz 384KB (384K x 8) FLASH 176-LQFP (24x24)
Data Converters	A/D 24x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CANbus, CSIO, EBI/EMI, I ² C, LINbus, SD, SPI, UART/USART, USB
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