

S6E2D55G0AGE20000



**CYPRESS**
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Part Number: [S6E2D55G0AGE20000](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 384KB FLASH 120LQFP

Data sheet:  [S6E2D5 Series Datasheet](#)
 [S6E2D5 Series Errata](#)

RoHs Status: Lead free / RoHS Compliant

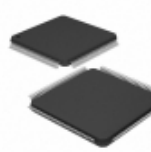
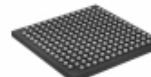
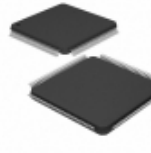
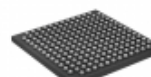
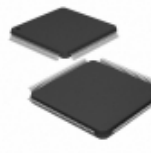
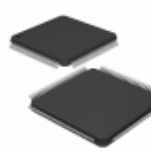
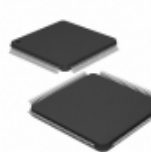
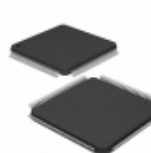
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PRODUCT PARAMETER			
Part Number	S6E2D55G0AGE20000	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 384KB FLASH 120LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6175 pcs	Data sheet	S6E2D5 Series Datasheet S6E2D5 Series Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	120-LQFP (16x16)	Speed	160MHz
Series	FM4 S6E2D5	RAM Size	36K x 8
Program Memory Type	FLASH	Program Memory Size	384KB (384K x 8)
Peripherals	DMA, I²S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	120-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	98
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 S6E2D5 Microcontroller IC 32-Bit 160MHz 384KB (384K x 8) FLASH 120-LQFP (16x16)	Data Converters	A/D 24x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	CANbus, CSIO, EBI/EMI, I²C, LINbus, SPI, UART/USART, USB		
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