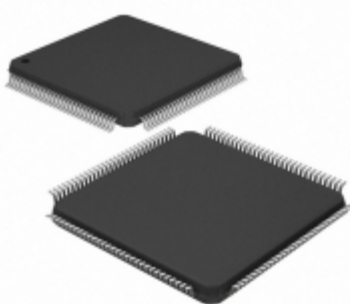


S6E2DF5G0AGE20000



Images are for reference only.
See Product Specifications for product details.
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Part Number: S6E2DF5G0AGE20000

Manufacturer: Cypress Semiconductor

Description: IC MCU 32BIT 384KB FLASH 120LQFP

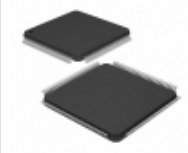
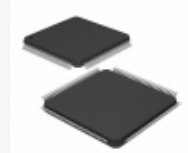
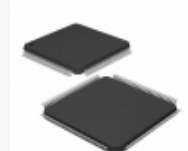
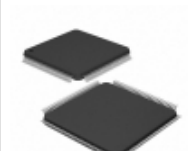
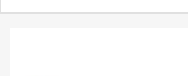
Data sheet:  S6E2D5 Series Datasheet

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

PRODUCT PARAMETER			
Part Number	S6E2DF5G0AGE20000	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 384KB FLASH 120LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5923 pcs	Data sheet	S6E2D5 Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	120-LQFP (16x16)	Speed	160MHz
Series	FM4 S6E2DF	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	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 S6E2DF 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	CSIO, EBI/EMI, I ² C, LINbus, SD, SPI, UART/USART, USB		
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