



Cypress Semiconductor



Image may be representation. See specifications for product details.

S6E2H16G0AGV20000

Part Number:	S6E2H16G0AGV20000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 544KB FLASH 120LQFP
Datasheets:	 S6E2H16G0AGV20000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9042 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

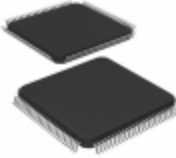
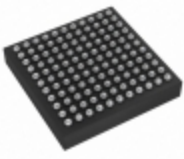
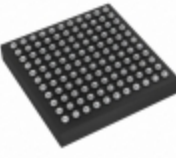
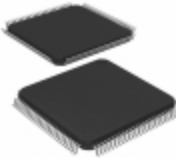
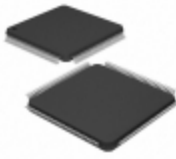
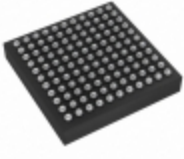
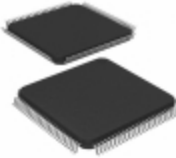
Specifications of S6E2H16G0AGV20000

PART NUMBER	S6E2H16G0AGV20000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 544KB FLASH 120LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9042 pcs
DATA SHEET	 S6E2H16G0AGV20000.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	120-LQFP (16x16)
SPEED	160MHz
SERIES	FM4 S6E2H1
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	544KB (544K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	120-LQFP
OTHER NAMES	428-3682 S6E2H16G0AGV20000-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	100
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F FM4 S6E2H1 Microcontroller IC 32-Bit 160MHz 544KB (544K x 8) FLASH 120-LQFP (16x16)
DATA CONVERTERS	A/D 24x12b. D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CSIO, EBI/EMI, I²C, LINbus, UART/USART

Related Tags

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Related Products

 S6E2H44G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 120LQFP In stock: 10226 pcs RFQ	 S6E2H16F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100LQFP In stock: 11139 pcs RFQ
 S6E2H16E0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 80LQFP In stock: 10375 pcs RFQ	 S6E2H16G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 121BGA In stock: 13391 pcs RFQ
 S6E2H14G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 121BGA In stock: 5337 pcs RFQ	 S6E2H14F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100LQFP In stock: 11252 pcs RFQ
 S6E2H14G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 120LQFP In stock: 8970 pcs RFQ	 S6E2H44G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 121BGA In stock: 14605 pcs RFQ
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