



Cypress Semiconductor



S6E2H16E0AGV20000

Part Number:	S6E2H16E0AGV20000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 544KB FLASH 80LQFP
Datasheets:	 S6E2H16E0AGV20000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	10375 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

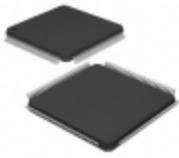
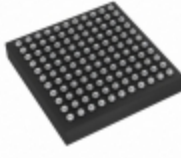
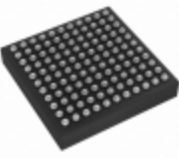
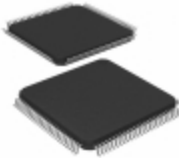
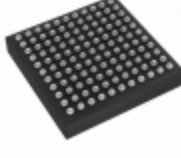
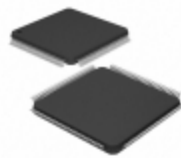
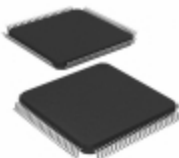
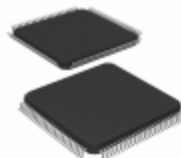
Specifications of S6E2H16E0AGV20000

PART NUMBER	S6E2H16E0AGV20000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 544KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10375 pcs
DATA SHEET	 S6E2H16E0AGV20000.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
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	80-LQFP
OTHER NAMES	428-3679 S6E2H16E0AGV20000-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	63
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 80-LQFP (12x12)
DATA CONVERTERS	A/D 16x12b. 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

 S6E2H16G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: 9042 pcs RFQ	 S6E2H44G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 121BGA In stock: 14605 pcs RFQ
 S6E2H14G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 121BGA In stock: 5337 pcs RFQ	 S6E2H44E0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 12584 pcs RFQ
 S6E2H16F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100LQFP In stock: 11139 pcs RFQ	 S6E2GM8JHAGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 5956 pcs RFQ
 S6E2H14E0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 13852 pcs RFQ	 S6E2H16G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 121BGA In stock: 13391 pcs RFQ
 S6E2GM8J0AGV2000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 7469 pcs RFQ	 S6E2H14G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 120LQFP In stock: 8970 pcs RFQ
 S6E2H14F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100LQFP In stock: 11252 pcs RFQ	 S6E2H44F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100LQFP In stock: 11591 pcs RFQ