



Cypress Semiconductor



S6E2H44E0AGV20000

Part Number:	S6E2H44E0AGV20000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 288KB FLASH 80LQFP
Datasheets:	 S6E2H44E0AGV20000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	12584 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.

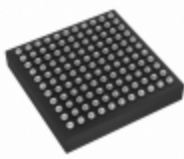
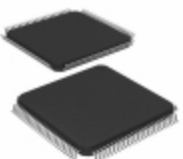
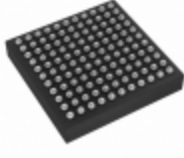
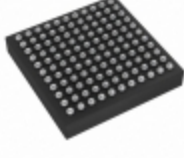
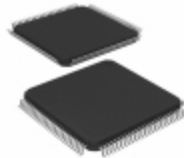
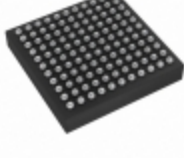
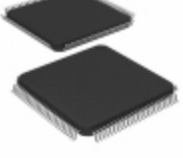
Specifications of S6E2H44E0AGV20000

PART NUMBER	S6E2H44E0AGV20000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 288KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12584 pcs
DATA SHEET	 S6E2H44E0AGV20000.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	160MHz
SERIES	FM4 S6E2H4
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	288KB (288K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	80-LQFP
OTHER NAMES	428-3683 S6E2H44E0AGV20000-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 S6E2H4 Microcontroller IC 32-Bit 160MHz 288KB (288K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 16x12b. D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, CSIO, EBI/EMI, I²C, LINbus, UART/USART

Related Tags

Cypress Semiconductor S6E2H44E0AGV20000	S6E2H44E0AGV20000 Distributor	S6E2H44E0AGV20000 Supplier
S6E2H44E0AGV20000 Price	S6E2H44E0AGV20000 Pictures	S6E2H44E0AGV20000 Image
S6E2H44E0AGV20000 PDF Datasheet	S6E2H44E0AGV20000 Download Datasheet	S6E2H44E0AGV20000 Datasheet
S6E2H44E0AGV20000 Stock	Buy S6E2H44E0AGV20000	Buy Cypress Semiconductor S6E2H44E0AGV20000
Cypress Semiconductor S6E2H44E0AGV20000	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor S6E2H44E0AGV20000	Cypress Semiconductor Corp S6E2H44E0AGV20000	

Related Products

 S6E2H46G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 121BGA In stock: 12098 pcs RFQ	 S6E2H46F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100LQFP In stock: 11021 pcs RFQ
 S6E2H16G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 121BGA In stock: 13391 pcs RFQ	 S6E2H16E0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 80LQFP In stock: 10375 pcs RFQ
 S6E2H46E0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 80LQFP In stock: 9718 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	 S6E2H44G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 120LQFP In stock: 10226 pcs RFQ
 S6E2H44F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100LQFP In stock: 11591 pcs RFQ	 S6E2H16G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: 9042 pcs RFQ
 S6E2H14G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 121BGA In stock: 5337 pcs RFQ	 S6E2H16F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100LQFP In stock: 11139 pcs RFQ