



Cypress Semiconductor

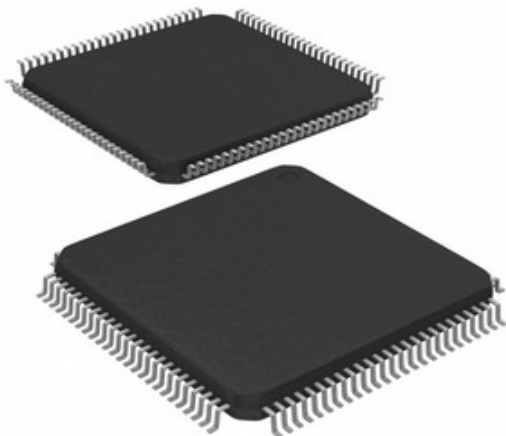


Image may be representation. See specifications for product details.

S6E2H44F0AGV20000

Part Number:	S6E2H44F0AGV20000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 288KB FLASH 100LQFP
Datasheets:	 S6E2H44F0AGV20000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11591 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

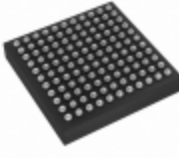
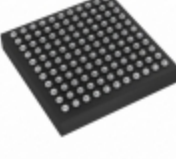
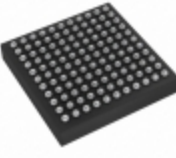
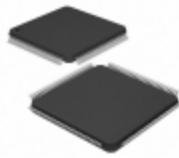
Specifications of S6E2H44F0AGV20000

PART NUMBER	S6E2H44F0AGV20000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 288KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11591 pcs
DATA SHEET	 S6E2H44F0AGV20000.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
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	100-LQFP
OTHER NAMES	428-3684 S6E2H44F0AGV20000-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	80
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 100-LQFP (14x14)
DATA CONVERTERS	A/D 24x12b. 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 S6E2H44F0AGV20000	S6E2H44F0AGV20000 Distributor	S6E2H44F0AGV20000 Supplier
S6E2H44F0AGV20000 Price	S6E2H44F0AGV20000 Pictures	S6E2H44F0AGV20000 Image
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Cypress Semiconductor S6E2H44F0AGV20000	Cypress Semiconductor Corp S6E2H44F0AGV20000	

Related Products

 S6E2H46G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: 9929 pcs RFQ	 S6E2H44G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 121BGA In stock: 14605 pcs RFQ
 S6E2H46E0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 80LQFP In stock: 9718 pcs RFQ	 S6E2H44E0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 12584 pcs RFQ
 S6E2H46G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 121BGA In stock: 12098 pcs RFQ	 S6E2H14G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 120LQFP In stock: 8970 pcs RFQ
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 S6E2H16G0AGB3000A Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 121BGA In stock: 13391 pcs RFQ	 S6E2H44G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 120LQFP In stock: 10226 pcs RFQ