



Cypress Semiconductor



S6E1B84E0AGV20000

Part Number:	S6E1B84E0AGV20000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 304KB FLASH 80LQFP
Datasheets:	 S6E1B84E0AGV20000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7006 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.

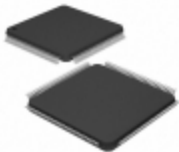
Specifications of S6E1B84E0AGV20000

PART NUMBER	S6E1B84E0AGV20000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 304KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7006 pcs
DATA SHEET	 S6E1B84E0AGV20000.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	40MHz
SERIES	FM0+ S6E1B8
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	304KB (304K x 8)
PERIPHERALS	I²S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	80-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	65
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ FM0+ S6E1B8 Microcontroller IC 32-Bit 40MHz 304KB (304K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	CSIO, I²C, LINbus, SmartCard, UART/USART, USB

Related Tags

Cypress Semiconductor S6E1B84E0AGV20000	S6E1B84E0AGV20000 Distributor	S6E1B84E0AGV20000 Supplier
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Cypress Semiconductor S6E1B84E0AGV20000	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor S6E1B84E0AGV20000	Cypress Semiconductor Corp S6E1B84E0AGV20000	

Related Products

 S6E1B34G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 120LQFP In stock: 6583 pcs RFQ	 S6E1B36E0AGF20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 560KB FLASH 80LQFP In stock: 3002 pcs RFQ
 S6E1B84FHAGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 100LQFP In stock: 4698 pcs RFQ	 S6E1B84EHAGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 80LQFP In stock: 4526 pcs RFQ
 S6E1B84F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 100LQFP In stock: 5783 pcs RFQ	 S6E1B36F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 560KB FLASH 100LQFP In stock: 6083 pcs RFQ
 S6E1B84G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 120LQFP In stock: 3859 pcs RFQ	 S6E1B84E0AGF20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 80LQFP In stock: 2708 pcs RFQ
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 S6E1B84GHAGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 120LQFP In stock: 3481 pcs RFQ	 S6E1B84EHAGF20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 80LQFP In stock: 7000 pcs RFQ