



Cypress Semiconductor



S6E1B36E0AGF20000

Part Number:	S6E1B36E0AGF20000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 560KB FLASH 80LQFP
Datasheets:	 S6E1B36E0AGF20000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3002 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 S6E1B36E0AGF20000

PART NUMBER	S6E1B36E0AGF20000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 560KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3002 pcs
DATA SHEET	 S6E1B36E0AGF20000.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	40MHz
SERIES	FM0+ S6E1B3
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	560KB (560K x 8)
PERIPHERALS	I ² S, 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+ S6E1B3 Microcontroller IC 32-Bit 40MHz 560KB (560K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	CSIO, I ² C, LINbus, SmartCard, UART/USART, USB

Related Tags

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Related Products

 S6E1B34F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 100LQFP In stock: 2763 pcs RFQ	 S6E1B36E0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 560KB FLASH 80LQFP In stock: 2993 pcs RFQ
 S6E1A12C0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 88KB FLASH 48LQFP In stock: 45965 pcs RFQ	 S6E1B34E0AGF20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 80LQFP In stock: 4380 pcs RFQ
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