



Cypress Semiconductor



Image may be representation. See specifications for product details.

S6E1B36G0AGV20000

Part Number:	S6E1B36G0AGV20000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 560KB FLASH 120LQFP
Datasheets:	 S6E1B36G0AGV20000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6567 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

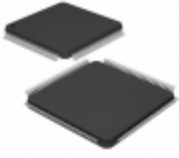
Specifications of S6E1B36G0AGV20000

PART NUMBER	S6E1B36G0AGV20000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 560KB FLASH 120LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6567 pcs
DATA SHEET	 S6E1B36G0AGV20000.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	120-LQFP (16x16)
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	120-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	102
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 120-LQFP (16x16)
DATA CONVERTERS	A/D 24x12b
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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Cypress Semiconductor S6E1B36G0AGV20000	Cypress Semiconductor Corp S6E1B36G0AGV20000	

Related Products

 S6E1B34F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 100LQFP In stock: 2763 pcs RFQ	 S6E1B84EHAGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 80LQFP In stock: 4526 pcs RFQ
 S6E1B84E0AGF20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 80LQFP In stock: 2708 pcs RFQ	 S6E1B34G0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 120LQFP In stock: 6583 pcs RFQ
 S6E1B84F0AGV20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 304KB FLASH 100LQFP In stock: 5783 pcs RFQ	 S6E1B36E0AGF20000 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 560KB FLASH 80LQFP In stock: 3002 pcs RFQ
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