


S6E1B36E0AGV20000

Part Number: **S6E1B36E0AGV20000**
 Product Description: IC MCU 32BIT 560KB FLASH 80LQFP
 RoHs Status: Lead free / RoHS Compliant
 Datasheets:  S6E1B36E0AGV20000.pdf

Manufacturer/Brand: Cypress Semiconductor
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



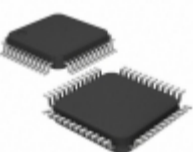











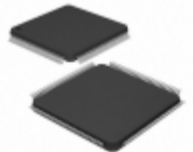



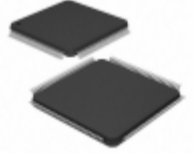







 **SUBMIT RFQ** >

Image may be representation.
 See specifications for product details.

Product details

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|---------------------------------------|---|---|--------------------------------------|
| Part Number | S6E1B36E0AGV20000 | Manufacturer | Cypress Semiconductor |
| Description | IC MCU 32BIT 560KB FLASH 80LQFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Data sheet | S6E1B36E0AGV20000.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 | | |

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