

S6E1B36G0AGV20000 Information


For Reference Only

Part Number [S6E1B36G0AGV20000](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 560KB FLASH 120LQFP
Package 120-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


S6E1B36G0AGV20000 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | S6E1B36G0AGV20000 |
| Manufacturer | Cypress Semiconductor Corp |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 120-LQFP |
| Series | FM0+ S6E1B3 |
| Core Processor | ARM? Cortex?-M0+ |
| Core Size | 32-Bit |
| Speed | 40MHz |
| Connectivity | CSIO, I2C, LIN, SmartCard, UART/USART, USB |
| Peripherals | I2S, LVD, POR, PWM, WDT |
| Number of I/O | 102 |
| Program Memory Size | 560KB (560K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 64K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.65 V ~ 3.6 V |
| Data Converters | A/D 24x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 105°C (TA) |
| Mounting Type | - |
| Package / Case | 120-LQFP |
| Supplier Device Package | 120-LQFP (16x16) |

[Report errors?](#)

S6E1B36G0AGV20000 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

S6E1B36G0AGV20000 Payment Methods



S6E1B36G0AGV20000 Shipping Methods



If you have any question about S6E1B36G0AGV20000, please do not hesitate to contact us!

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