

S6E2HG6G0AGB3000A Information


For Reference Only

Part Number [S6E2HG6G0AGB3000A](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 544KB FLASH 121BGA
Package 121-TFBGA
 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.


S6E2HG6G0AGB3000A Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | S6E2HG6G0AGB3000A |
| Manufacturer | Cypress Semiconductor Corp |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 121-TFBGA |
| Series | FM4 S6E2HG |
| Core Processor | ARM? Cortex?-M4F |
| Core Size | 32-Bit |
| Speed | 160MHz |
| Connectivity | CAN, CSIO, EBI/EMI, I2C, LIN, SD, UART/USART |
| Peripherals | DMA, LVD, POR, PWM, WDT |
| Number of I/O | 100 |
| Program Memory Size | 544KB (544K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 64K x 8 |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 5.5 V |
| Data Converters | A/D 24x12b. D/A 2x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 125°C (TA) |
| Mounting Type | - |
| Package / Case | 121-TFBGA |
| Supplier Device Package | 121-FBGA (6x6) |

[Report errors?](#)

S6E2HG6G0AGB3000A 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.

S6E2HG6G0AGB3000A Payment Methods



S6E2HG6G0AGB3000A Shipping Methods



If you have any question about S6E2HG6G0AGB3000A, please do not hesitate to contact us!

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