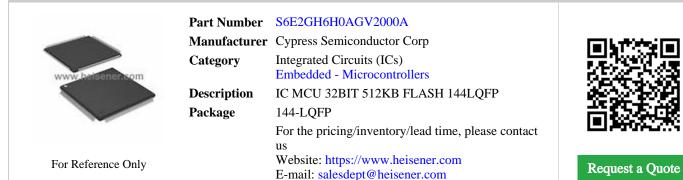


# S6E2GH6H0AGV2000A

### S6E2GH6H0AGV2000A Information



### **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.



## S6E2GH6H0AGV2000A Specifications

| Manufacturer Part Number   | S6E2GH6H0AGV2000A   |
|----------------------------|---|
| Manufacturer               | Cypress Semiconductor Corp  |
| Category                   | Integrated Circuits (ICs)   |
| Category                   | Embedded - Microcontrollers                                       |
| Package                    | 144-LQFP  |
| Series                     | FM4 S6E2GH  |
|                            |   |
| Core Processor             | ARM? Cortex?-M4F  |
| Core Size                  | 32-Bit  |
| Speed                      | 180MHz  |
| Connectivity               | CAN, CSIO, EBI/EMI, I2C, LIN, SD, SmartCard, SPI, UART/USART, USB |
| Peripherals                | DMA, I2S, LVD, POR, PWM, WDT                                      |
| Number of I/O              | 121   |
| Program Memory Size        | 512KB (512K x 8)  |
| Program Memory Type        | FLASH   |
| EEPROM Size                | -   |
| RAM Size                   | 128K x 8  |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 5.5 V   |
| Data Converters            | A/D 24x12b  |
| Oscillator Type            | Internal  |
| Operating Temperature      | -40°C ~ 125°C (TA)  |
| Mounting Type              | -   |
| Package / Case             | 144-LQFP  |
| Supplier Device Package    | 144-LQFP (20x20)  |
|                            | Report errors <sup>*</sup>  |

### S6E2GH6H0AGV2000A 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.

### S6E2GH6H0AGV2000A Payment Methods



If you have any question about S6E2GH6H0AGV2000A, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com