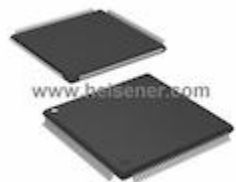


S6E2GK8H0AGV2000A Information


For Reference Only

Part Number [S6E2GK8H0AGV2000A](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 1MB FLASH 144LQFP
Package 144-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
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.


S6E2GK8H0AGV2000A Specifications

Manufacturer Part Number	S6E2GK8H0AGV2000A
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-LQFP
Series	FM4 S6E2GK
Core Processor	ARM? Cortex?-M4F
Core Size	32-Bit
Speed	180MHz
Connectivity	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	1MB (1M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	192K 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?](#)

S6E2GK8H0AGV2000A 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.

S6E2GK8H0AGV2000A Payment Methods



S6E2GK8H0AGV2000A Shipping Methods



If you have any question about S6E2GK8H0AGV2000A, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com