



Cypress Semiconductor

## S6E2HE6F0AGV2000A

Part Number:	S6E2HE6F0AGV2000A
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 32BIT 544KB FLASH 100LQFP
Datasheets:	S6E2HE6F0AGV2000A.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	9410 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of S6E2HE6F0AGV2000A

PART NUMBER	S6E2HE6F0AGV2000A
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 544KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9410 pcs
DATA SHEET	S6E2HE6F0AGV2000A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	160MHz
SERIES	FM4 S6E2HE
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	544KB (544K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	428-3696 S6E2HE6F0AGV20000 S6E2HE6F0AGV20000-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	80
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F FM4 S6E2HE Microcontroller IC 32-Bit 160MHz 544KB (544K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 24x12b. D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CSIO, EBI/EMI, I <sup>2</sup> C, LINbus, SD, UART/USART

### Related Tags

Cypress Semiconductor S6E2HE6F0AGV2000A	S6E2HE6F0AGV2000A Distributor	S6E2HE6F0AGV2000A Supplier
S6E2HE6F0AGV2000A Price	S6E2HE6F0AGV2000A Pictures	S6E2HE6F0AGV2000A Image
S6E2HE6F0AGV2000A PDF Datasheet	S6E2HE6F0AGV2000A Download Datasheet	S6E2HE6F0AGV2000A Datasheet
S6E2HE6F0AGV2000A Stock	Buy S6E2HE6F0AGV2000A	Buy Cypress Semiconductor S6E2HE6F0AGV2000A
Cypress Semiconductor S6E2HE6F0AGV2000A	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor S6E2HE6F0AGV2000A	Cypress Semiconductor Corp S6E2HE6F0AGV2000A	

### Related Products

<p><b>S6E2HE6E0AGV20000</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 80LQFP In stock: 11168 pcs <b>RFQ</b></p>	<p><b>S6E2HE6G0AGB3000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 121BGA In stock: 12869 pcs <b>RFQ</b></p>
<p><b>S6E2HE6G0AGV2B000</b> Manufacturers: Cypress Semiconductor Description: INTEGRATED CIRCUIT In stock: 18721 pcs <b>RFQ</b></p>	<p><b>S6E2H46G0AGV20000</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: 9929 pcs <b>RFQ</b></p>
<p><b>S6E2HG4G0AGB3000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 121BGA In stock: 10687 pcs <b>RFQ</b></p>	<p><b>S6E2HE4F0AGV20000</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100LQFP In stock: 10383 pcs <b>RFQ</b></p>
<p><b>S6E2HE4E0AGV20000</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 12004 pcs <b>RFQ</b></p>	<p><b>S6E2HE4G0AGB3000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 121BGA In stock: 10583 pcs <b>RFQ</b></p>
<p><b>S6E2HG4E0AGV20000</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 12794 pcs <b>RFQ</b></p>	<p><b>S6E2HE6G0AGV20000</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: 11311 pcs <b>RFQ</b></p>
<p><b>S6E2HG4F0AGV20000</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100LQFP In stock: 9099 pcs <b>RFQ</b></p>	<p><b>S6E2HE4G0AGV20000</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 120LQFP In stock: 10964 pcs <b>RFQ</b></p>