

S6E2DH5G0AGB3000A



Part Number: [S6E2DH5G0AGB3000A](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 384KB FLASH 161BGA

Data sheet:  [S6E2DH Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy **S6E2DH5G0AGB3000A** with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S6E2DH5G0AGB3000A                         | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 32BIT 384KB FLASH 161BGA           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7891 pcs                                  | Data sheet                       | <a href="#">S6E2DH Series</a>                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 3.6 V                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 161-FBGA (8x8)                            | Speed                            | 160MHz                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FM4 S6E2DH                                | RAM Size                         | 36K x 8                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                     | Program Memory Size              | 384KB (384K x 8)                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT | Packaging                        | Tray                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 161-TFBGA                                 | Other Names                      | S6E2DH5G0AGB30000<br>S6E2DH5G0AGB30000-ND                                                          |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                  | Operating Temperature            | -40°C ~ 125°C (TA)                                                                                 |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                         |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description             | ARM® Cortex®-M4F FM4 S6E2DH Microcontroller IC 32-Bit 160MHz 384KB (384K x 8) FLASH 161-FBGA (8x8) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 24x12b                                | Core Size                        | 32-Bit                                                                                             |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ARM® Cortex®-M4F                          | Connectivity                     | CANbus, CSIO, EBI/EMI, I <sup>2</sup> C, LINbus, SD, SPI, UART/USART, USB                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 7891 pieces of Cypress Semiconductor S6E2DH5G0AGB3000A in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                    |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                      |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">S6E2D55G0AGV20000</a><br>Description: IC MCU 32BIT 384KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2DF5G0AGE20000</a><br>Description: IC MCU 32BIT 384KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2DF5GJAMV20000</a><br>Description: IC MCU 32BIT 384KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2D55GJAMV20000</a><br>Description: IC MCU 32BIT 384KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2DF5G0AGV20000</a><br>Description: IC MCU 32BIT 384KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2DH5J0AGV2000A</a><br>Description: IC MCU 32BIT 384KB FLASH 176LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2G26JHAGV2000A</a><br>Description: IC MCU 32BIT 512KB FLASH 176LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2G28H0AGV2000A</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2DH5GJAMV20000</a><br>Description: IC MCU 32BIT 384KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2DH5G0AGE20000</a><br>Description: IC MCU 32BIT 384KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2G26J0AGV2000A</a><br>Description: IC MCU 32BIT 512KB FLASH 176LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2DH5G0AGV20000</a><br>Description: IC MCU 32BIT 384KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2DF5J0AGV2000A</a><br>Description: IC MCU 32BIT 384KB FLASH 176LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2D55J0AGV2000A</a><br>Description: IC MCU 32BIT 384KB FLASH 176LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2G26H0AGV2000A</a><br>Description: IC MCU 32BIT 512KB FLASH 144LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2G28J0AGV2000A</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2DF5G0AGB3000A</a><br>Description: IC MCU 32BIT 384KB FLASH 161BGA  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2D55G0AGE20000</a><br>Description: IC MCU 32BIT 384KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2G28HHAGV2000A</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6E2D55G0AGB3000A</a><br>Description: IC MCU 32BIT 384KB FLASH 161BGA  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

Related keywords for **S6E2DH5G0AGB3000A**

|                                         |                               |                            |                         |
|-----------------------------------------|-------------------------------|----------------------------|-------------------------|
| Cypress Semiconductor S6E2DH5G0AGB3000A | S6E2DH5G0AGB3000A distributor | S6E2DH5G0AGB3000A supplier | S6E2DH5G0AGB3000A price |
| S6E2DH5G0AGB3000A download datasheet    | S6E2DH5G0AGB3000A datasheet   | S6E2DH5G0AGB3000A stock    | buy S6E2DH5G0AGB3000A   |
| Cypress Semiconductor S6E2DH5G0AGB3000A | Cypress Semiconductor Corp    |                            |                         |
|                                         | S6E2DH5G0AGB3000A             |                            |                         |