



Cypress Semiconductor



S6E1B84FHAGV20000

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S6E1B84FHAGV20000                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 304KB FLASH 100LQFP                                                                             |
| Datasheets:         |  S6E1B84FHAGV20000.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4698 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.

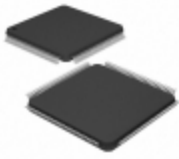
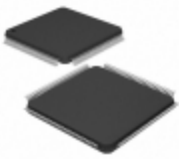
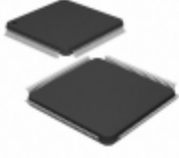
Specifications of S6E1B84FHAGV20000

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S6E1B84FHAGV20000                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 304KB FLASH 100LQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 4698 pcs                                                                                                  |
| DATA SHEET                       |  S6E1B84FHAGV20000.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 3.6 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                          |
| SPEED                            | 40MHz                                                                                                     |
| SERIES                           | FM0+ S6E1B8                                                                                               |
| RAM SIZE                         | 32K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 304KB (304K x 8)                                                                                          |
| PERIPHERALS                      | I²S, LCD, LVD, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 100-LQFP                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                        |
| NUMBER OF I/O                    | 82                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| EEPROM SIZE                      | -                                                                                                         |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ FM0+ S6E1B8 Microcontroller IC 32-Bit 40MHz 304KB (304K x 8) FLASH 100-LQFP (14x14)      |
| DATA CONVERTERS                  | A/D 23x12b                                                                                                |
| CORE SIZE                        | 32-Bit                                                                                                    |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                          |
| CONNECTIVITY                     | CSIO, I²C, LINbus, SmartCard, UART/USART, USB                                                             |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor S6E1B84FHAGV20000 | S6E1B84FHAGV20000 Distributor                | S6E1B84FHAGV20000 Supplier                  |
| S6E1B84FHAGV20000 Price                 | S6E1B84FHAGV20000 Pictures                   | S6E1B84FHAGV20000 Image                     |
| S6E1B84FHAGV20000 PDF Datasheet         | S6E1B84FHAGV20000 Download Datasheet         | S6E1B84FHAGV20000 Datasheet                 |
| S6E1B84FHAGV20000 Stock                 | Buy S6E1B84FHAGV20000                        | Buy Cypress Semiconductor S6E1B84FHAGV20000 |
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| Cypress Semiconductor S6E1B84FHAGV20000 | Cypress Semiconductor Corp S6E1B84FHAGV20000 |                                             |

Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>S6E1B84GHAGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 304KB FLASH 120LQFP<br/>In stock: 3481 pcs<br/>RFQ</div> |  <div><b>S6E1B86E0AGF20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 560KB FLASH 80LQFP<br/>In stock: 4924 pcs<br/>RFQ</div>  |
|  <div><b>S6E1B86E0AGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 560KB FLASH 80LQFP<br/>In stock: 3276 pcs<br/>RFQ</div>  |  <div><b>S6E1B86EHAGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 560KB FLASH 80LQFP<br/>In stock: 6876 pcs<br/>RFQ</div>  |
|  <div><b>S6E1B84F0AGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 304KB FLASH 100LQFP<br/>In stock: 5783 pcs<br/>RFQ</div> |  <div><b>S6E1B84EHAGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 304KB FLASH 80LQFP<br/>In stock: 4526 pcs<br/>RFQ</div>  |
|  <div><b>S6E1B86EHAGF20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 560KB FLASH 80LQFP<br/>In stock: 3750 pcs<br/>RFQ</div>  |  <div><b>S6E1B84EHAGF20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 304KB FLASH 80LQFP<br/>In stock: 7000 pcs<br/>RFQ</div>  |
|  <div><b>S6E1B84E0AGF20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 304KB FLASH 80LQFP<br/>In stock: 2708 pcs<br/>RFQ</div>  |  <div><b>S6E1B84G0AGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 304KB FLASH 120LQFP<br/>In stock: 3859 pcs<br/>RFQ</div> |
|  <div><b>S6E1B36G0AGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 560KB FLASH 120LQFP<br/>In stock: 6567 pcs<br/>RFQ</div> |  <div><b>S6E1B84E0AGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 304KB FLASH 80LQFP<br/>In stock: 7006 pcs<br/>RFQ</div>  |