



Cypress Semiconductor



S6E2C58J0AGV2000A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S6E2C58J0AGV2000A                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 1MB FLASH 176LQFP                                                                               |
| Datasheets:         |  S6E2C58J0AGV2000A.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4585 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.

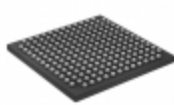
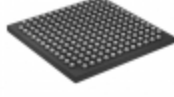
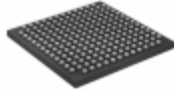
Specifications of S6E2C58J0AGV2000A

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S6E2C58J0AGV2000A                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 176LQFP                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 4585 pcs                                                                                                  |
| DATA SHEET                       |  S6E2C58J0AGV2000A.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                                          |
| SPEED                            | 200MHz                                                                                                    |
| SERIES                           | FM4 S6E2C5                                                                                                |
| RAM SIZE                         | 128K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                              |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 176-LQFP                                                                                                  |
| OTHER NAMES                      | S6E2C58J0AGV20000<br>S6E2C58J0AGV20000-ND                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                        |
| NUMBER OF I/O                    | 152                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| EEPROM SIZE                      | -                                                                                                         |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4F FM4 S6E2C5 Microcontroller IC 32-Bit 200MHz 1MB (1M x 8) FLASH 176-LQFP (24x24)          |
| DATA CONVERTERS                  | A/D 32x12b, D/A 2x12b                                                                                     |
| CORE SIZE                        | 32-Bit                                                                                                    |
| CORE PROCESSOR                   | ARM® Cortex®-M4F                                                                                          |
| CONNECTIVITY                     | CANbus, CSIO, EBI/EMI, I²C, LINbus, SD, SPI, UART/USART, USB                                              |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor S6E2C58J0AGV2000A | S6E2C58J0AGV2000A Distributor                | S6E2C58J0AGV2000A Supplier                  |
| S6E2C58J0AGV2000A Price                 | S6E2C58J0AGV2000A Pictures                   | S6E2C58J0AGV2000A Image                     |
| S6E2C58J0AGV2000A PDF Datasheet         | S6E2C58J0AGV2000A Download Datasheet         | S6E2C58J0AGV2000A Datasheet                 |
| S6E2C58J0AGV2000A Stock                 | Buy S6E2C58J0AGV2000A                        | Buy Cypress Semiconductor S6E2C58J0AGV2000A |
| Cypress Semiconductor S6E2C58J0AGV2000A | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor S6E2C58J0AGV2000A | Cypress Semiconductor Corp S6E2C58J0AGV2000A |                                             |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>S6E2C58J0AGB1000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 192BGA<br/>In stock: 5574 pcs<br/>RFQ</div>   |  <div><b>S6E2C4AL0AGL2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 216LQFP<br/>In stock: 5427 pcs<br/>RFQ</div>   |
|  <div><b>S6E2C58H0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 4607 pcs<br/>RFQ</div>  |  <div><b>S6E2C59H0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: 4672 pcs<br/>RFQ</div> |
|  <div><b>S6E2C59J0AGB1000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 192BGA<br/>In stock: 6159 pcs<br/>RFQ</div> |  <div><b>S6E2C59L0AGL2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 216LQFP<br/>In stock: 4835 pcs<br/>RFQ</div> |
|  <div><b>S6E2C4AJ0AGB1000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 192BGA<br/>In stock: 4721 pcs<br/>RFQ</div>   |  <div><b>S6E2C4AH0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 4414 pcs<br/>RFQ</div>   |
|  <div><b>S6E2C58L0AGL2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 216LQFP<br/>In stock: 4915 pcs<br/>RFQ</div>  |  <div><b>S6E2C59J0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP<br/>In stock: 4224 pcs<br/>RFQ</div> |
|  <div><b>S6E2C5AH0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 5367 pcs<br/>RFQ</div>  |  <div><b>S6E2C4AJ0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 176LQFP<br/>In stock: 5192 pcs<br/>RFQ</div>   |