



Cypress Semiconductor



Image may be representation. See specifications for product details.

S6E2DF5GJAMV20000

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S6E2DF5GJAMV20000                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 384KB FLASH 120LQFP                                                                             |
| Datasheets:         |  S6E2DF5GJAMV20000.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5014 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

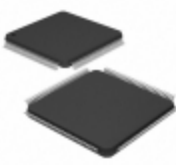
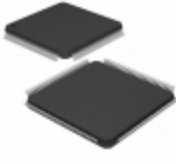
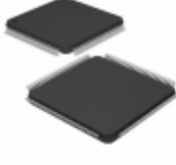
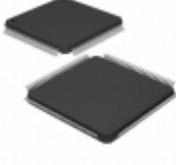
Specifications of S6E2DF5GJAMV20000

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S6E2DF5GJAMV20000                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 384KB FLASH 120LQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 5014 pcs                                                                                                  |
| DATA SHEET                       |  S6E2DF5GJAMV20000.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 120-LQFP (16x16)                                                                                          |
| SPEED                            | 160MHz                                                                                                    |
| SERIES                           | FM4 S6E2DF                                                                                                |
| RAM SIZE                         | 36K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                                          |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 120-LQFP                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                        |
| NUMBER OF I/O                    | 90                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| EEPROM SIZE                      | -                                                                                                         |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4F FM4 S6E2DF Microcontroller IC 32-Bit 160MHz 384KB (384K x 8) FLASH 120-LQFP (16x16)      |
| DATA CONVERTERS                  | A/D 24x12b                                                                                                |
| CORE SIZE                        | 32-Bit                                                                                                    |
| CORE PROCESSOR                   | ARM® Cortex®-M4F                                                                                          |
| CONNECTIVITY                     | CSIO, EBI/EMI, I²C, LINbus, SD, SPI, UART/USART, USB                                                      |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor S6E2DF5GJAMV20000 | S6E2DF5GJAMV20000 Distributor                | S6E2DF5GJAMV20000 Supplier                  |
| S6E2DF5GJAMV20000 Price                 | S6E2DF5GJAMV20000 Pictures                   | S6E2DF5GJAMV20000 Image                     |
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| Cypress Semiconductor S6E2DF5GJAMV20000 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor S6E2DF5GJAMV20000 | Cypress Semiconductor Corp S6E2DF5GJAMV20000 |                                             |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
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| <div><div><b>S6E2D55G0AGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 6424 pcs<br/>RFQ</div></div> | <div><div><b>S6E2DH5G0AGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 6613 pcs<br/>RFQ</div></div> |
| <div><div><b>S6E2DH5G0AGB3000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 161BGA<br/>In stock: 7784 pcs<br/>RFQ</div></div>  | <div><div><b>S6E2D55GJAMV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 6018 pcs<br/>RFQ</div></div> |
| <div><div><b>S6E2DH5J0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 176LQFP<br/>In stock: 5623 pcs<br/>RFQ</div></div> | <div><div><b>S6E2DF5G0AGB3000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 161BGA<br/>In stock: 7821 pcs<br/>RFQ</div></div>  |
| <div><div><b>S6E2DH5G0AGE20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 6520 pcs<br/>RFQ</div></div> | <div><div><b>S6E2DH5GJAMV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 5572 pcs<br/>RFQ</div></div> |
| <div><div><b>S6E2DF5J0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 176LQFP<br/>In stock: 4310 pcs<br/>RFQ</div></div> | <div><div><b>S6E2D55J0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 176LQFP<br/>In stock: 5489 pcs<br/>RFQ</div></div> |
| <div><div><b>S6E2DF5G0AGE20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 5884 pcs<br/>RFQ</div></div> | <div><div><b>S6E2DF5G0AGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 5849 pcs<br/>RFQ</div></div> |