



Cypress Semiconductor



S6E2D35G0AGE20000

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S6E2D35G0AGE20000                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 384KB FLASH 120LQFP                                                                             |
| Datasheets:         | <a href="#">1.S6E2D35G0AGE20000.pdf</a><br><a href="#">2.S6E2D35G0AGE20000.pdf</a>                           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6712 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

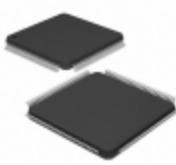
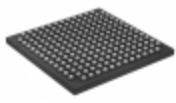
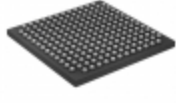
Specifications of S6E2D35G0AGE20000

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|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S6E2D35G0AGE20000                                                                                    |
| MANUFACTURER                     | Cypress Semiconductor                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 384KB FLASH 120LQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 6712 pcs                                                                                             |
| DATA SHEET                       | <a href="#">1.S6E2D35G0AGE20000.pdf</a><br><a href="#">2.S6E2D35G0AGE20000.pdf</a>                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 120-LQFP (16x16)                                                                                     |
| SPEED                            | 160MHz                                                                                               |
| SERIES                           | FM4 S6E2D3                                                                                           |
| 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                   | 120-LQFP                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                   |
| NUMBER OF I/O                    | 98                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| EEPROM SIZE                      | -                                                                                                    |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4F FM4 S6E2D3 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, I <sup>2</sup> C, LINbus, SPI, UART/USART, USB                                        |

Related Tags

|                                         |                                              |                                             |
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| Cypress Semiconductor S6E2D35G0AGE20000 | S6E2D35G0AGE20000 Distributor                | S6E2D35G0AGE20000 Supplier                  |
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Related Products

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|  <div><b>S6E2D35G0AGV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 6106 pcs<br/>RFQ</div> |  <div><b>S6E2CCAJFAGB1000A</b><br/>Manufacturers: Cypress Semiconductor Corp<br/>Description: IC MCU 32BIT 2MB FLASH 192BGA<br/>In stock: 4063 pcs<br/>RFQ</div> |
|  <div><b>S6E2D55G0AGE20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 6665 pcs<br/>RFQ</div> |  <div><b>S6E2D35J0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 176LQFP<br/>In stock: 6275 pcs<br/>RFQ</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><b>S6E2CCAJ0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 176LQFP<br/>In stock: 4993 pcs<br/>RFQ</div>     |
|  <div><b>S6E2CCAJ0AGB1000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 192BGA<br/>In stock: 5162 pcs<br/>RFQ</div>    |  <div><b>S6E2CCAL0AGL2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 216LQFP<br/>In stock: 3766 pcs<br/>RFQ</div>     |
|  <div><b>S6E2D35GJAMV20000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 120LQFP<br/>In stock: 4905 pcs<br/>RFQ</div> |  <div><b>S6E2D55G0AGB3000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 161BGA<br/>In stock: 6556 pcs<br/>RFQ</div>    |
|  <div><b>S6E2D35G0AGB3000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 384KB FLASH 161BGA<br/>In stock: 6688 pcs<br/>RFQ</div>  |  <div><b>S6E2CCA0AGV2000A</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: 5487 pcs<br/>RFQ</div>      |