



Renesas Electronics America



Image may be representation. See specifications for product details.

R7FS7G27H3A01CFB#AA0

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R7FS7G27H3A01CFB#AA0                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                                |
| Product description | IC MCU 32BIT 4MB FLASH 144LQFP                                                                                             |
| Datasheets:         |  <a href="#">R7FS7G27H3A01CFB#AA0.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 3210 pcs stock                                                                                                             |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

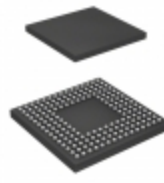
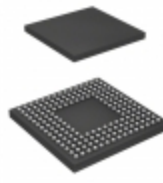
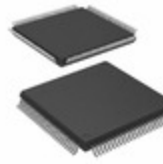
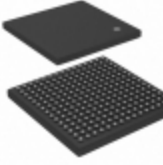
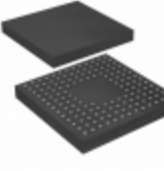
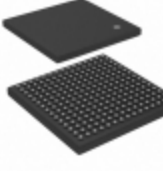
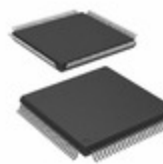
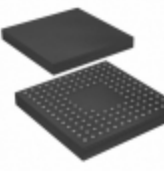
Specifications of R7FS7G27H3A01CFB#AA0

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R7FS7G27H3A01CFB#AA0                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 4MB FLASH 144LQFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| QUANTITY AVAILABLE               | 3210 pcs                                                                                                                     |
| DATA SHEET                       |  <a href="#">R7FS7G27H3A01CFB#AA0.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                             |
| SPEED                            | 240MHz                                                                                                                       |
| SERIES                           | Renesas Synergy™ S7                                                                                                          |
| RAM SIZE                         | 640K x 8                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                        |
| PROGRAM MEMORY SIZE              | 4MB (4M x 8)                                                                                                                 |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                                                 |
| PACKAGING                        | Tray                                                                                                                         |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                           |
| NUMBER OF I/O                    | 104                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| EEPROM SIZE                      | 64K x 8                                                                                                                      |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Renesas Synergy™ S7 Microcontroller IC 32-Bit 240MHz 4MB (4M x 8) FLASH 144-LQFP (20x20)                     |
| DATA CONVERTERS                  | A/D 19x12b, D/A 2x12b                                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                              |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, MMC/SD, QSPI, SCI, SPI, SSI, UART/USART, USB                                           |

Related Tags

|                                                  |                                              |                                                      |
|--------------------------------------------------|----------------------------------------------|------------------------------------------------------|
| Renesas Electronics America R7FS7G27H3A01CFB#AA0 | R7FS7G27H3A01CFB#AA0 Distributor             | R7FS7G27H3A01CFB#AA0 Supplier                        |
| R7FS7G27H3A01CFB#AA0 Price                       | R7FS7G27H3A01CFB#AA0 Pictures                | R7FS7G27H3A01CFB#AA0 Image                           |
| R7FS7G27H3A01CFB#AA0 PDF Datasheet               | R7FS7G27H3A01CFB#AA0 Download Datasheet      | R7FS7G27H3A01CFB#AA0 Datasheet                       |
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Related Products

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|  <div><b>R7FS7G27G2A01CBG#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 3MB FLASH 176BGA<br/>In stock: 3724 pcs<br/><b>RFQ</b></div>   |  <div><b>R7FS7G27H2A01CBG#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 176BGA<br/>In stock: 2952 pcs<br/><b>RFQ</b></div>   |
|  <div><b>R7FS5D97E3A01CFC#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 176LQFP<br/>In stock: 4810 pcs<br/><b>RFQ</b></div>  |  <div><b>R7FS7G27G3A01CFP#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 3MB FLASH 100LQFP<br/>In stock: 3950 pcs<br/><b>RFQ</b></div>  |
|  <div><b>R7FS7G27H3A01CFC#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 176LQFP<br/>In stock: 2791 pcs<br/><b>RFQ</b></div>  |  <div><b>R7FS7G27H2A01CBD#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 224LFBGA<br/>In stock: 2994 pcs<br/><b>RFQ</b></div> |
|  <div><b>R7FS7G27G2A01CLK#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 3MB FLASH 145LGA<br/>In stock: 3849 pcs<br/><b>RFQ</b></div>   |  <div><b>R7FS7G27G2A01CBD#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 3MB FLASH 224BGA<br/>In stock: 2723 pcs<br/><b>RFQ</b></div>   |
|  <div><b>R7FS7G27G3A01CFC#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 3MB FLASH 176LQFP<br/>In stock: 3766 pcs<br/><b>RFQ</b></div>  |  <div><b>R7FS5D97E3A01CFP#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 100LQFP<br/>In stock: 4607 pcs<br/><b>RFQ</b></div>  |
|  <div><b>R7FS7G27H2A01CLK#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 4MB FLASH 145TFLGA<br/>In stock: 3176 pcs<br/><b>RFQ</b></div> |  <div><b>R7FS7G27G3A01CFB#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 3MB FLASH 144LQFP<br/>In stock: 2935 pcs<br/><b>RFQ</b></div>  |