



Renesas Electronics America



R7FS3A37A3A01CNB#AC0

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R7FS3A37A3A01CNB#AC0                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                                |
| Product description | IC MCU 32BIT 512KB FLASH 64QFN                                                                                             |
| Datasheets:         |  <a href="#">R7FS3A37A3A01CNB#AC0.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 8301 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.

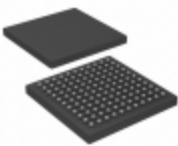
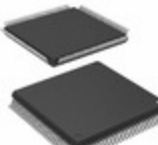
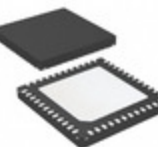
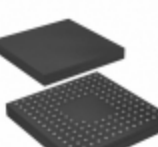
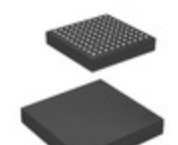
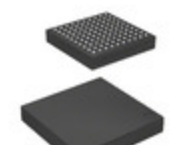
Specifications of R7FS3A37A3A01CNB#AC0

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R7FS3A37A3A01CNB#AC0                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64QFN                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| QUANTITY AVAILABLE               | 8301 pcs                                                                                                                     |
| DATA SHEET                       |  <a href="#">R7FS3A37A3A01CNB#AC0.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 64-QFN                                                                                                                       |
| SPEED                            | 48MHz                                                                                                                        |
| SERIES                           | Renesas Synergy™ S3                                                                                                          |
| RAM SIZE                         | 96K x 8                                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                        |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                             |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                                                 |
| PACKAGING                        | Tray                                                                                                                         |
| PACKAGE / CASE                   | 64-WFQFN Exposed Pad                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                           |
| NUMBER OF I/O                    | 50                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| EEPROM SIZE                      | 8K x 8                                                                                                                       |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Renesas Synergy™ S3 Microcontroller IC 32-Bit 48MHz 512KB (512K x 8) FLASH 64-QFN                            |
| DATA CONVERTERS                  | A/D 18x14b, D/A 2x8b, 2x12b                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                              |
| CONNECTIVITY                     | CANbus, EBI/EMI, I²C, MMC/SD, QSPI, SCI, SPI, SSI, UART/USART, USB                                                           |

Related Tags

|                                                  |                                              |                                                      |
|--------------------------------------------------|----------------------------------------------|------------------------------------------------------|
| Renesas Electronics America R7FS3A37A3A01CNB#AC0 | R7FS3A37A3A01CNB#AC0 Distributor             | R7FS3A37A3A01CNB#AC0 Supplier                        |
| R7FS3A37A3A01CNB#AC0 Price                       | R7FS3A37A3A01CNB#AC0 Pictures                | R7FS3A37A3A01CNB#AC0 Image                           |
| R7FS3A37A3A01CNB#AC0 PDF Datasheet               | R7FS3A37A3A01CNB#AC0 Download Datasheet      | R7FS3A37A3A01CNB#AC0 Datasheet                       |
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Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R7FS3A37A2A01CBJ#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A3 512K 1<br/>In stock: 7634 pcs<br/><b>RFQ</b></div>  |  <div><b>R7FS3A37A3A01CFB#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 9323 pcs<br/><b>RFQ</b></div>  |
|  <div><b>R7FS3A6783A01CFL#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A6 256K 4<br/>In stock: 11114 pcs<br/><b>RFQ</b></div> |  <div><b>R7FS3A37A3A01CFP#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A3 512K 1<br/>In stock: 9384 pcs<br/><b>RFQ</b></div>  |
|  <div><b>R7FS3A6783A01CFP#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A6 256K 1<br/>In stock: 9796 pcs<br/><b>RFQ</b></div>  |  <div><b>R7FS3A6783A01CNE#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A6 256K 4<br/>In stock: 12699 pcs<br/><b>RFQ</b></div> |
|  <div><b>R7FS3A6783A01CFM#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A6 256K 6<br/>In stock: 10349 pcs<br/><b>RFQ</b></div> |  <div><b>R7FS3A37A2A01CLK#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A3 512K 1<br/>In stock: 7946 pcs<br/><b>RFQ</b></div>  |
|  <div><b>R7FS3A6782A01CLJ#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A6 256K 1<br/>In stock: 11939 pcs<br/><b>RFQ</b></div> |  <div><b>R7FS3A6783A01CNB#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A6 256K 6<br/>In stock: 11103 pcs<br/><b>RFQ</b></div> |
|  <div><b>R7FS3A37A2A01CLJ#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A3 512K 1<br/>In stock: 9469 pcs<br/><b>RFQ</b></div>  |  <div><b>R7FS3A37A3A01CFM#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S3A3 512K 1<br/>In stock: 9340 pcs<br/><b>RFQ</b></div>  |