

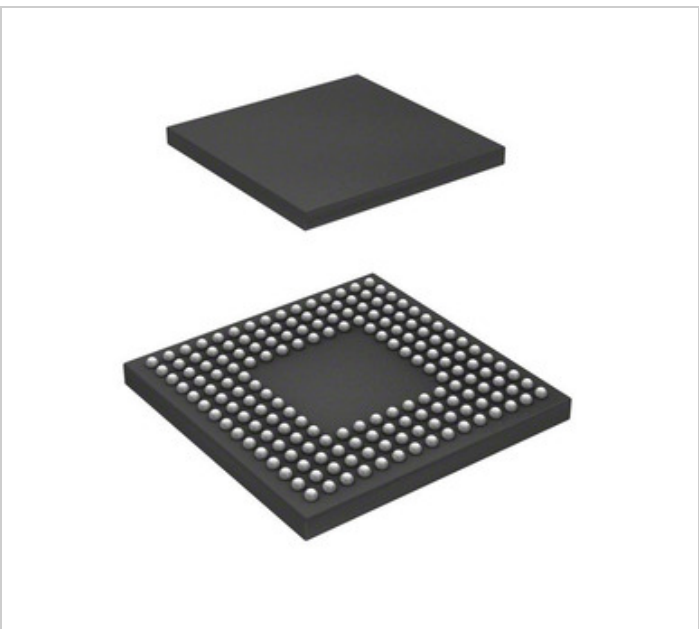


Image may be representation. See specifications for product details.

### R5F72167BDBG#U1

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F72167BDBG#U1                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                           |
| Product description | IC MCU 32BIT 1MB FLASH 176LFBGA                                                                                       |
| Datasheets:         |  <a href="#">R5F72167BDBG#U1.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 2784 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

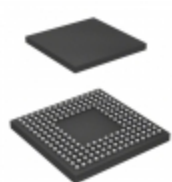
#### Specifications of R5F72167BDBG#U1

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F72167BDBG#U1                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 176LFBGA                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 2784 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">R5F72167BDBG#U1.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 176-LFBGA (13x13)                                                                                                       |
| SPEED                            | 200MHz                                                                                                                  |
| SERIES                           | SuperH® SH7216                                                                                                          |
| RAM SIZE                         | 128K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                            |
| PERIPHERALS                      | DMA, PWM, WDT                                                                                                           |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 176-LFBGA                                                                                                               |
| OSCILLATOR TYPE                  | External                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 112                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | -                                                                                                                       |
| DETAILED DESCRIPTION             | SH2A-FPU SuperH® SH7216 Microcontroller IC 32-Bit 200MHz 1MB (1M x 8) FLASH 176-LFBGA (13x13)                           |
| DATA CONVERTERS                  | A/D 8x12b                                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | SH2A-FPU                                                                                                                |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SCI, SPI, USB                                                                                    |
| BASE PART NUMBER                 | R5F72167                                                                                                                |

#### Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F72167BDBG#U1 | R5F72167BDBG#U1 Distributor             | R5F72167BDBG#U1 Supplier                        |
| R5F72167BDBG#U1 Price                       | R5F72167BDBG#U1 Pictures                | R5F72167BDBG#U1 Image                           |
| R5F72167BDBG#U1 PDF Datasheet               | R5F72167BDBG#U1 Download Datasheet      | R5F72167BDBG#U1 Datasheet                       |
| R5F72167BDBG#U1 Stock                       | Buy R5F72167BDBG#U1                     | Buy Renesas Electronics America R5F72167BDBG#U1 |
| Renesas Electronics America R5F72167BDBG#U1 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F72167BDBG#U1 | Renesas Technology Corp R5F72167BDBG#U1 | Renesas R5F72167BDBG#U1                         |

#### Related Products

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| <div></div> <div><b>R5F72167ADFP#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: 2109 pcs</div> <div>RFQ</div>   | <div></div> <div><b>R5F72165GDFA#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 176LQFP<br/>In stock: 4889 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F72167ADFA#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: 2320 pcs</div> <div>RFQ</div>   | <div></div> <div><b>R5F72167GDFA#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: 2939 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>R5F72374BDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 120LQFP<br/>In stock: 8600 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F72166ADFA#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 176LQFP<br/>In stock: 2953 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F72166ADFP#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 176QFP<br/>In stock: 2995 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F72375ADFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 120LQFP<br/>In stock: 7369 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F72167ADBG#U1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 176LFBGA<br/>In stock: 1890 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F72394ADFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 120LQFP<br/>In stock: 7847 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F72375BDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 120LQFP<br/>In stock: 7241 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F72374ADFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 120LQFP<br/>In stock: 7034 pcs</div> <div>RFQ</div> |