



R5F56106WDBG#U0

|                     |                                                                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F56106WDBG#U0                                                                                                                                                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                                                                                                                                                   |
| Product description | IC MCU 32BIT 1MB FLASH 176LFBGA                                                                                                                                                                                                               |
| Datasheets:         | <div><div>1.R5F56106WDBG#U0.pdf</div><div>2.R5F56106WDBG#U0.pdf</div></div> |
| RoHs Status         | <div><div>Lead free / RoHS Compliant</div></div>                                                                                                             |
| Stock Condition     | 7513 pcs stock                                                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                         |

REQUEST FOR QUOTATION

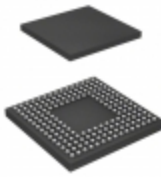
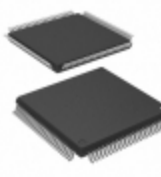
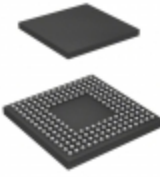
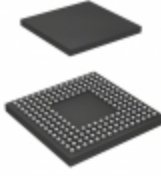
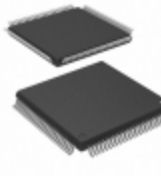
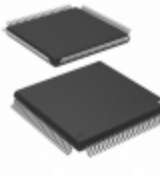
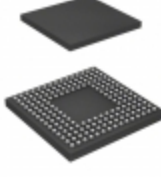
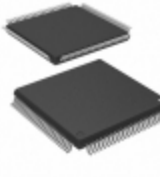
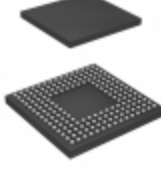
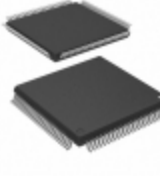
Specifications of R5F56106WDBG#U0

|                                  |                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F56106WDBG#U0                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 176LFBGA                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 7513 pcs                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div><div>1.R5F56106WDBG#U0.pdf</div><div>2.R5F56106WDBG#U0.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 176-LFBGA (13x13)                                                                                                                                                                                                                                 |
| SPEED                            | 100MHz                                                                                                                                                                                                                                            |
| SERIES                           | RX600                                                                                                                                                                                                                                             |
| RAM SIZE                         | 128K x 8                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                             |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                                                                                                                                                      |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                                                                                                                                |
| PACKAGING                        | Tray                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 176-LFBGA                                                                                                                                                                                                                                         |
| OTHER NAMES                      | R5F56106WDBGU0                                                                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 140                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                        |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | RX RX600 Microcontroller IC 32-Bit 100MHz 1MB (1M x 8) FLASH 176-LFBGA (13x13)                                                                                                                                                                    |
| DATA CONVERTERS                  | A/D 16x10b; D/A 2x10b                                                                                                                                                                                                                             |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | RX                                                                                                                                                                                                                                                |
| CONNECTIVITY                     | EBI/EMI, I²C, SCI                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | R5F5610                                                                                                                                                                                                                                           |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F56106WDBG#U0 | R5F56106WDBG#U0 Distributor             | R5F56106WDBG#U0 Supplier                        |
| R5F56106WDBG#U0 Price                       | R5F56106WDBG#U0 Pictures                | R5F56106WDBG#U0 Image                           |
| R5F56106WDBG#U0 PDF Datasheet               | R5F56106WDBG#U0 Download Datasheet      | R5F56106WDBG#U0 Datasheet                       |
| R5F56106WDBG#U0 Stock                       | Buy R5F56106WDBG#U0                     | Buy Renesas Electronics America R5F56106WDBG#U0 |
| Renesas Electronics America R5F56106WDBG#U0 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F56106WDBG#U0 | Renesas Technology Corp R5F56106WDBG#U0 | Renesas R5F56106WDBG#U0                         |

Related Products

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| <div><div></div><div><b>R5F56107WNBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1.5MB FLASH 176BGA<br/>In stock: 5692 pcs<br/>RFQ</div></div> | <div><div></div><div><b>R5F56104VDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 8459 pcs<br/>RFQ</div></div> |
| <div><div></div><div><b>R5F56106VNF#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 9769 pcs<br/>RFQ</div></div>   | <div><div></div><div><b>R5F56104WNBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 176BGA<br/>In stock: 9826 pcs<br/>RFQ</div></div>  |
| <div><div></div><div><b>R5F56107WDBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1.5MB FLASH 176BGA<br/>In stock: 4854 pcs<br/>RFQ</div></div> | <div><div></div><div><b>R5F56104VNF#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 7938 pcs<br/>RFQ</div></div>  |
| <div><div></div><div><b>R5F56106VDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 9493 pcs<br/>RFQ</div></div>  | <div><div></div><div><b>R5F56107VNF#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1.5MB FLASH 100LQFP<br/>In stock: 5881 pcs<br/>RFQ</div></div>  |
| <div><div></div><div><b>R5F56106WNBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 176LFBGA<br/>In stock: 7552 pcs<br/>RFQ</div></div> | <div><div></div><div><b>R5F56108VDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 100LQFP<br/>In stock: 4909 pcs<br/>RFQ</div></div>   |
| <div><div></div><div><b>R5F56104WDBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 176BGA<br/>In stock: 6311 pcs<br/>RFQ</div></div> | <div><div></div><div><b>R5F56107VDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1.5MB FLASH 100LQFP<br/>In stock: 5792 pcs<br/>RFQ</div></div> |