



Renesas Electronics America



Image may be representation. See specifications for product details.

R5F56107VNFP#V0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F56107VNFP#V0                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 1.5MB FLASH 100LQFP                                                                             |
| Datasheets:         |  1.R5F56107VNFP#V0.pdf      |
|                     |  2.R5F56107VNFP#V0.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

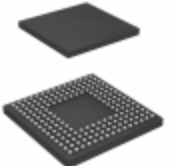
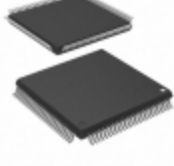
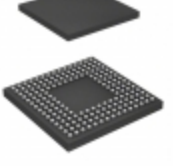
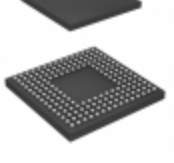
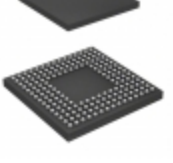
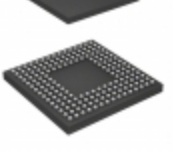
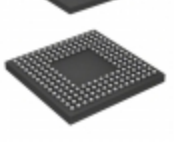
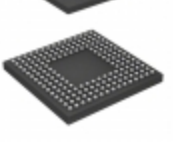
Specifications of R5F56107VNFP#V0

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F56107VNFP#V0                                                                                                                                                                                                        |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 1.5MB FLASH 100LQFP                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.R5F56107VNFP#V0.pdf<br> 2.R5F56107VNFP#V0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                                                                                                                       |
| SPEED                            | 100MHz                                                                                                                                                                                                                 |
| SERIES                           | RX600                                                                                                                                                                                                                  |
| RAM SIZE                         | 128K x 8                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 1.5MB (1.5M x 8)                                                                                                                                                                                                       |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                                                                                                               |
| OTHER NAMES                      | R5F56107VNFPV0                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 117                                                                                                                                                                                                                    |
| 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 1.5MB (1.5M x 8) FLASH 100-LQFP (14x14)                                                                                                                                      |
| 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 R5F56107VNFP#V0 | R5F56107VNFP#V0 Distributor             | R5F56107VNFP#V0 Supplier                        |
| R5F56107VNFP#V0 Price                       | R5F56107VNFP#V0 Pictures                | R5F56107VNFP#V0 Image                           |
| R5F56107VNFP#V0 PDF Datasheet               | R5F56107VNFP#V0 Download Datasheet      | R5F56107VNFP#V0 Datasheet                       |
| R5F56107VNFP#V0 Stock                       | Buy R5F56107VNFP#V0                     | Buy Renesas Electronics America R5F56107VNFP#V0 |
| Renesas Electronics America R5F56107VNFP#V0 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F56107VNFP#V0 | Renesas Technology Corp R5F56107VNFP#V0 | Renesas R5F56107VNFP#V0                         |

Related Products

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|  <div><b>R5F56108VDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>R5F56104WNBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 768KB FLASH 176BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>R5F56107VDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1.5MB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>R5F56108VNFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 100LQFP<br/>In stock: 278 pcs<br/><div>RFQ</div></div>    |
|  <div><b>R5F56106VDFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>R5F56108WNBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 176LFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>R5F56107WNBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1.5MB FLASH 176BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>R5F56107WDBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1.5MB FLASH 176BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>R5F56106VNFP#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>R5F56106WNBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 176LFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>R5F56106WDBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 176LFBGA<br/>In stock: 1 pcs<br/><div>RFQ</div></div>      |  <div><b>R5F56108WDBG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 2MB FLASH 176LFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |