

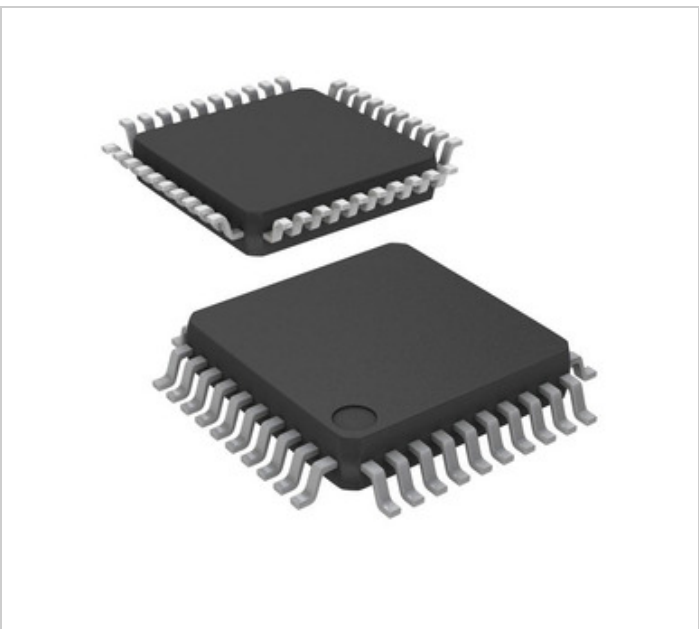


Image may be representation. See specifications for product details.

## R5F212G5SNFP#W4

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F212G5SNFP#W4                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 24KB FLASH 32LQFP                                                                               |
| Datasheets:         |  R5F212G5SNFP#W4.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4762 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

### Specifications of R5F212G5SNFP#W4

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F212G5SNFP#W4                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 24KB FLASH 32LQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 4762 pcs                                                                                                |
| DATA SHEET                       |  R5F212G5SNFP#W4.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                                           |
| SPEED                            | 8MHz                                                                                                    |
| SERIES                           | R8C/2x/2G                                                                                               |
| RAM SIZE                         | 1K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 24KB (24K x 8)                                                                                          |
| PERIPHERALS                      | POR, PWM, Voltage Detect, WDT                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 32-LQFP                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 27                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | R8C R8C/2x/2G Microcontroller IC 16-Bit 8MHz 24KB (24K x 8) FLASH 32-LQFP (7x7)                         |
| DATA CONVERTERS                  | -                                                                                                       |
| CORE SIZE                        | 16-Bit                                                                                                  |
| CORE PROCESSOR                   | R8C                                                                                                     |
| CONNECTIVITY                     | LINbus, SIO, UART/USART                                                                                 |
| BASE PART NUMBER                 | R5F212G                                                                                                 |

### Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F212G5SNFP#W4 | R5F212G5SNFP#W4 Distributor             | R5F212G5SNFP#W4 Supplier                        |
| R5F212G5SNFP#W4 Price                       | R5F212G5SNFP#W4 Pictures                | R5F212G5SNFP#W4 Image                           |
| R5F212G5SNFP#W4 PDF Datasheet               | R5F212G5SNFP#W4 Download Datasheet      | R5F212G5SNFP#W4 Datasheet                       |
| R5F212G5SNFP#W4 Stock                       | Buy R5F212G5SNFP#W4                     | Buy Renesas Electronics America R5F212G5SNFP#W4 |
| Renesas Electronics America R5F212G5SNFP#W4 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F212G5SNFP#W4 | Renesas Technology Corp R5F212G5SNFP#W4 | Renesas R5F212G5SNFP#W4                         |

### Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F212G6SDFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: 3576 pcs<br/><b>RFQ</b></div> |  <div><b>R5F212G6SNFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: 6010 pcs<br/><b>RFQ</b></div> |
|  <div><b>R5F212G6SNFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: 7086 pcs<br/><b>RFQ</b></div> |  <div><b>R5F212H1SDSP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 20LSSOP<br/>In stock: 4255 pcs<br/><b>RFQ</b></div> |
|  <div><b>R5F212G4SNFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 4107 pcs<br/><b>RFQ</b></div> |  <div><b>R5F212G6SDFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: 4157 pcs<br/><b>RFQ</b></div> |
|  <div><b>R5F212G5SDFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 32LQFP<br/>In stock: 4859 pcs<br/><b>RFQ</b></div> |  <div><b>R5F212G4SNFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 3460 pcs<br/><b>RFQ</b></div> |
|  <div><b>R5F212G5SDFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 32LQFP<br/>In stock: 4010 pcs<br/><b>RFQ</b></div> |  <div><b>R5F212G5SNFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 32LQFP<br/>In stock: 4904 pcs<br/><b>RFQ</b></div> |
|  <div><b>R5F212H1SDSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 20LSSOP<br/>In stock: 6462 pcs<br/><b>RFQ</b></div> |  <div><b>R5F212G4SDFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 3882 pcs<br/><b>RFQ</b></div> |