



Renesas Electronics America



R5F212B8SNFA#V2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F212B8SNFA#V2                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 64KB FLASH 64LQFP                                                                               |
| Datasheets:         |  1.R5F212B8SNFA#V2.pdf      |
|                     |  2.R5F212B8SNFA#V2.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5449 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

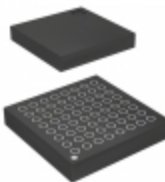
Specifications of R5F212B8SNFA#V2

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F212B8SNFA#V2                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 64LQFP                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 5449 pcs                                                                                                  |
| DATA SHEET                       |  1.R5F212B8SNFA#V2.pdf |
|                                  |  2.R5F212B8SNFA#V2.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (14x14)                                                                                           |
| SPEED                            | 20MHz                                                                                                     |
| SERIES                           | R8C/2x/2B                                                                                                 |
| RAM SIZE                         | 3K x 8                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                            |
| PERIPHERALS                      | POR, PWM, Voltage Detect, WDT                                                                             |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 64-LQFP                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                         |
| NUMBER OF I/O                    | 55                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| EEPROM SIZE                      | -                                                                                                         |
| DETAILED DESCRIPTION             | R8C R8C/2x/2B Microcontroller IC 16-Bit 20MHz 64KB (64K x 8) FLASH 64-LQFP (14x14)                        |
| DATA CONVERTERS                  | A/D 12x10b; D/A 2x8b                                                                                      |
| CORE SIZE                        | 16-Bit                                                                                                    |
| CORE PROCESSOR                   | R8C                                                                                                       |
| CONNECTIVITY                     | I²C, LINbus, SIO, SSU, UART/USART                                                                         |
| BASE PART NUMBER                 | R5F212B8                                                                                                  |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F212B8SNFA#V2 | R5F212B8SNFA#V2 Distributor             | R5F212B8SNFA#V2 Supplier                        |
| R5F212B8SNFA#V2 Price                       | R5F212B8SNFA#V2 Pictures                | R5F212B8SNFA#V2 Image                           |
| R5F212B8SNFA#V2 PDF Datasheet               | R5F212B8SNFA#V2 Download Datasheet      | R5F212B8SNFA#V2 Datasheet                       |
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| Renesas Electronics America R5F212B8SNFA#V2 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F212B8SNFA#V2 | Renesas Technology Corp R5F212B8SNFA#V2 | Renesas R5F212B8SNFA#V2                         |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F212B8SNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 6963 pcs</div> <div>RFQ</div>  |  <div><b>R5F212B8SDFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 12097 pcs</div> <div>RFQ</div> |
|  <div><b>R5F212BASNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: 14905 pcs</div> <div>RFQ</div> |  <div><b>R5F212BASDFA#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: 5477 pcs</div> <div>RFQ</div>  |
|  <div><b>R5F212BASNFA#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: 14230 pcs</div> <div>RFQ</div> |  <div><b>R5F212B7SNLG#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64TFLGA<br/>In stock: 4442 pcs</div> <div>RFQ</div> |
|  <div><b>R5F212B7SNLG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64TFLGA<br/>In stock: 5551 pcs</div> <div>RFQ</div> |  <div><b>R5F212BASDFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: 12548 pcs</div> <div>RFQ</div> |
|  <div><b>R5F212B8SDFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 19855 pcs</div> <div>RFQ</div> |  <div><b>R5F212BASNFA#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: 4861 pcs</div> <div>RFQ</div>  |
|  <div><b>R5F212B7SNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br/>In stock: 14128 pcs</div> <div>RFQ</div> |  <div><b>R5F212B8SDFA#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 10815 pcs</div> <div>RFQ</div> |