



Renesas Electronics America



R5F212C7SNFP#V2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F212C7SNFP#V2                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 48KB FLASH 80LQFP                                                                               |
|                     |  1.R5F212C7SNFP#V2.pdf      |
|                     |  2.R5F212C7SNFP#V2.pdf      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Stock Condition     | 5294 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F212C7SNFP#V2

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F212C7SNFP#V2                                                                                                                                                                                                        |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 48KB FLASH 80LQFP                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 5294 pcs                                                                                                                                                                                                               |
| DATA SHEET                       |  1.R5F212C7SNFP#V2.pdf<br> 2.R5F212C7SNFP#V2.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 5.5 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                                                                                                                                                        |
| SPEED                            | 20MHz                                                                                                                                                                                                                  |
| SERIES                           | R8C/2x/2C                                                                                                                                                                                                              |
| RAM SIZE                         | 2.5K x 8                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 48KB (48K x 8)                                                                                                                                                                                                         |
| PERIPHERALS                      | POR, PWM, Voltage Detect, WDT                                                                                                                                                                                          |
| PACKAGING                        | Tray                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 80-LQFP                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 71                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| EEPROM SIZE                      | -                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | R8C R8C/2x/2C Microcontroller IC 16-Bit 20MHz 48KB (48K x 8) FLASH 80-LQFP (12x12)                                                                                                                                     |
| DATA CONVERTERS                  | A/D 20x10b; D/A 2x8b                                                                                                                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | R8C                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, LINbus, SIO, SSU, UART/USART                                                                                                                                                                                      |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F212C7SNFP#V2 | R5F212C7SNFP#V2 Distributor             | R5F212C7SNFP#V2 Supplier                        |
| R5F212C7SNFP#V2 Price                       | R5F212C7SNFP#V2 Pictures                | R5F212C7SNFP#V2 Image                           |
| R5F212C7SNFP#V2 PDF Datasheet               | R5F212C7SNFP#V2 Download Datasheet      | R5F212C7SNFP#V2 Datasheet                       |
| R5F212C7SNFP#V2 Stock                       | Buy R5F212C7SNFP#V2                     | Buy Renesas Electronics America R5F212C7SNFP#V2 |
| Renesas Electronics America R5F212C7SNFP#V2 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F212C7SNFP#V2 | Renesas Technology Corp R5F212C7SNFP#V2 | Renesas R5F212C7SNFP#V2                         |

Related Products

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| <div></div> <div><b>R5F212CASNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 6964 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>R5F212BCSNLG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 64TFLGA<br/>In stock: 4886 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F212CASDFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 6666 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>R5F212BCSNFA#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 6411 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F212BCSNFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 19789 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F212C7SDFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 80LQFP<br/>In stock: 6685 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>R5F212BCSNFA#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 4561 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F212CCSNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80LQFP<br/>In stock: 5577 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F212CCSDFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80LQFP<br/>In stock: 6709 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F212BCSNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 9664 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F212C8SNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 80LQFP<br/>In stock: 6139 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>R5F212C8SDFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 80LQFP<br/>In stock: 6232 pcs<br/><div>RFQ</div></div>   |