



### R5F213G5CDSP#W4

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F213G5CDSP#W4                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 24KB FLASH 24LSSOP                                                                              |
| Datasheets:         |  R5F213G5CDSP#W4.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5522 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of R5F213G5CDSP#W4

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F213G5CDSP#W4                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 24KB FLASH 24LSSOP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 5522 pcs                                                                                                |
| DATA SHEET                       |  R5F213G5CDSP#W4.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 24-LSSOP                                                                                                |
| SPEED                            | 20MHz                                                                                                   |
| SERIES                           | R8C/3x/3GC                                                                                              |
| RAM SIZE                         | 2K 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                   | 24-LSSOP (0.220", 5.60mm Width)                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 19                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | R8C R8C/3x/3GC Microcontroller IC 16-Bit 20MHz 24KB (24K x 8) FLASH 24-LSSOP                            |
| DATA CONVERTERS                  | A/D 8x10b, D/A 2x8b                                                                                     |
| CORE SIZE                        | 16-Bit                                                                                                  |
| CORE PROCESSOR                   | R8C                                                                                                     |
| CONNECTIVITY                     | I²C, LINbus, SIO, SSU, UART/USART                                                                       |

#### Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F213G5CDSP#W4 | R5F213G5CDSP#W4 Distributor             | R5F213G5CDSP#W4 Supplier                        |
| R5F213G5CDSP#W4 Price                       | R5F213G5CDSP#W4 Pictures                | R5F213G5CDSP#W4 Image                           |
| R5F213G5CDSP#W4 PDF Datasheet               | R5F213G5CDSP#W4 Download Datasheet      | R5F213G5CDSP#W4 Datasheet                       |
| R5F213G5CDSP#W4 Stock                       | Buy R5F213G5CDSP#W4                     | Buy Renesas Electronics America R5F213G5CDSP#W4 |
| Renesas Electronics America R5F213G5CDSP#W4 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F213G5CDSP#W4 | Renesas Technology Corp R5F213G5CDSP#W4 | Renesas R5F213G5CDSP#W4                         |

#### Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F213G4DDSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24LSSOP<br/>In stock: 4059 pcs<br/><div>RFQ</div></div> |  <div><b>R5F213G4DNSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24LSSOP<br/>In stock: 5585 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F213G5MNNP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 24HWQFN<br/>In stock: 3328 pcs<br/><div>RFQ</div></div> |  <div><b>R5F213G5CNSP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 24LSSOP<br/>In stock: 5835 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F213G4MNNP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: 4108 pcs<br/><div>RFQ</div></div> |  <div><b>R5F213G4CNSP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24LSSOP<br/>In stock: 49711 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F213G5CNSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 24HWQFN<br/>In stock: 4243 pcs<br/><div>RFQ</div></div> |  <div><b>R5F213G5CDSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 24LSSOP<br/>In stock: 3919 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F213G4MNSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU LQFP<br/>In stock: 5747 pcs<br/><div>RFQ</div></div>                     |  <div><b>R5F213G6CDSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 24LSSOP<br/>In stock: 3291 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F213G5DNSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 24LSSOP<br/>In stock: 5467 pcs<br/><div>RFQ</div></div> |  <div><b>R5F213G5CNSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 24LSSOP<br/>In stock: 5914 pcs<br/><div>RFQ</div></div>  |