



R5F213G4DNSP#U0

|                     |                                                                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F213G4DNSP#U0                                                                                                                                                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                                                                                                                                                   |
| Product description | IC MCU 16BIT 16KB FLASH 24LSSOP                                                                                                                                                                                                               |
| Datasheets:         | <div><div>1.R5F213G4DNSP#U0.pdf</div><div>2.R5F213G4DNSP#U0.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                        |
| Stock Condition     | 5585 pcs stock                                                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                         |

REQUEST FOR QUOTATION

Specifications of R5F213G4DNSP#U0

|                                  |                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F213G4DNSP#U0                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 24LSSOP                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 5585 pcs                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div><div>1.R5F213G4DNSP#U0.pdf</div><div>2.R5F213G4DNSP#U0.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 24-LSSOP                                                                                                                                                                                                                                          |
| SPEED                            | 20MHz                                                                                                                                                                                                                                             |
| SERIES                           | R8C/3x/3GD                                                                                                                                                                                                                                        |
| RAM SIZE                         | 1K x 8                                                                                                                                                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                             |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                                                                                                                                                    |
| PERIPHERALS                      | POR, PWM, Voltage Detect, WDT                                                                                                                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 24-LSSOP (0.220", 5.60mm Width)                                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 19                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                        |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | R8C R8C/3x/3GD Microcontroller IC 16-Bit 20MHz 16KB (16K x 8) FLASH 24-LSSOP                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | R8C                                                                                                                                                                                                                                               |
| CONNECTIVITY                     | I²C, UART/USART                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | R5F213G4                                                                                                                                                                                                                                          |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F213G4DNSP#U0 | R5F213G4DNSP#U0 Distributor             | R5F213G4DNSP#U0 Supplier                        |
| R5F213G4DNSP#U0 Price                       | R5F213G4DNSP#U0 Pictures                | R5F213G4DNSP#U0 Image                           |
| R5F213G4DNSP#U0 PDF Datasheet               | R5F213G4DNSP#U0 Download Datasheet      | R5F213G4DNSP#U0 Datasheet                       |
| R5F213G4DNSP#U0 Stock                       | Buy R5F213G4DNSP#U0                     | Buy Renesas Electronics America R5F213G4DNSP#U0 |
| Renesas Electronics America R5F213G4DNSP#U0 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F213G4DNSP#U0 | Renesas Technology Corp R5F213G4DNSP#U0 | Renesas R5F213G4DNSP#U0                         |

Related Products

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| <div></div> <div><b>R5F213G4CNNP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: 2879 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F213G4CNNP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: 2818 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F213G5CNNP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 24HWQFN<br/>In stock: 4243 pcs</div> <div>RFQ</div>  | <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</div> <div>RFQ</div> |
| <div></div> <div><b>R5F213G4CNSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24LSSOP<br/>In stock: 6409 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F213G4MNSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU LQFP<br/>In stock: 5747 pcs</div> <div>RFQ</div>                     |
| <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</div> <div>RFQ</div> | <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</div> <div>RFQ</div> |
| <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</div> <div>RFQ</div>  | <div></div> <div><b>R5F213G4CDSP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24LSSOP<br/>In stock: 4011 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F213G4DDSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24LSSOP<br/>In stock: 4059 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F213G5CDSP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 24KB FLASH 24LSSOP<br/>In stock: 5522 pcs</div> <div>RFQ</div> |