



Renesas Electronics America



Image may be representation. See specifications for product details.

R5F211B2NP#U0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F211B2NP#U0                                                                                                |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 8KB FLASH 28HWQFN                                                                               |
| Datasheets:         |  1.R5F211B2NP#U0.pdf        |
|                     |  2.R5F211B2NP#U0.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 31431 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F211B2NP#U0

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F211B2NP#U0                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 8KB FLASH 28HWQFN                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 31431 pcs                                                                                               |
| DATA SHEET                       |  1.R5F211B2NP#U0.pdf |
|                                  |  2.R5F211B2NP#U0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 28-HWQFN (5x5)                                                                                          |
| SPEED                            | 20MHz                                                                                                   |
| SERIES                           | R8C/1x/1B                                                                                               |
| RAM SIZE                         | 512 x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                            |
| PERIPHERALS                      | LED, POR, Voltage Detect, WDT                                                                           |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 28-WFQFN Exposed Pad                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 13                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | R8C R8C/1x/1B Microcontroller IC 16-Bit 20MHz 8KB (8K x 8) FLASH 28-HWQFN (5x5)                         |
| DATA CONVERTERS                  | A/D 4x10b                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                  |
| CORE PROCESSOR                   | R8C                                                                                                     |
| CONNECTIVITY                     | I²C, SIO, SSU, UART/USART                                                                               |
| BASE PART NUMBER                 | R5F211B                                                                                                 |

Related Tags

|                                           |                                       |                                               |
|-------------------------------------------|---------------------------------------|-----------------------------------------------|
| Renesas Electronics America R5F211B2NP#U0 | R5F211B2NP#U0 Distributor             | R5F211B2NP#U0 Supplier                        |
| R5F211B2NP#U0 Price                       | R5F211B2NP#U0 Pictures                | R5F211B2NP#U0 Image                           |
| R5F211B2NP#U0 PDF Datasheet               | R5F211B2NP#U0 Download Datasheet      | R5F211B2NP#U0 Datasheet                       |
| R5F211B2NP#U0 Stock                       | Buy R5F211B2NP#U0                     | Buy Renesas Electronics America R5F211B2NP#U0 |
| Renesas Electronics America R5F211B2NP#U0 | Renesas Electronics America Supplier  | Renesas Electronics America Distributor       |
| Renesas Electronics America R5F211B2NP#U0 | Renesas Technology Corp R5F211B2NP#U0 | Renesas R5F211B2NP#U0                         |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F211B2DSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 20LSSOP<br/>In stock: 28347 pcs<br/><div>RFQ</div></div> |  <div><b>R5F211B4DSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 20LSSOP<br/>In stock: 15687 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F211B3SP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 20LSSOP<br/>In stock: 4703 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F211B3NP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 28HWQFN<br/>In stock: 21676 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F211A4SP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 20LSSOP<br/>In stock: 33383 pcs<br/><div>RFQ</div></div> |  <div><b>R5F211B3DSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 12KB FLASH 20LSSOP<br/>In stock: 19501 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F211B1SP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 20LSSOP<br/>In stock: 42672 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F211B2SP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 20LSSOP<br/>In stock: 36549 pcs<br/><div>RFQ</div></div>   |
|  <div><b>R5F211B2SP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 20LSSOP<br/>In stock: 34691 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F211B1DSP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 20LSSOP<br/>In stock: 29896 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F211B1DD#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 20SDIP<br/>In stock: 17801 pcs<br/><div>RFQ</div></div>   |  <div><b>R5F211B1SP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 4KB FLASH 20LSSOP<br/>In stock: 41067 pcs<br/><div>RFQ</div></div>   |