



Image may be representation. See specifications for product details.

R5F212AASDFA#V2

|                     |                                       |
|---------------------|---------------------------------------|
| Part Number:        | R5F212AASDFA#V2                       |
| Manufacturer/Brand: | Renesas Electronics America           |
| Product description | IC MCU 16BIT 96KB FLASH 64LQFP        |
|                     | <a href="#">1.R5F212AASDFA#V2.pdf</a> |
|                     | <a href="#">2.R5F212AASDFA#V2.pdf</a> |
| Datasheets:         |                                       |
| RoHs Status         | Lead free / RoHS Compliant            |
| Ship From           | Hong Kong                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                 |

REQUEST FOR QUOTATION

Specifications of R5F212AASDFA#V2

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F212AASDFA#V2                                                                    |
| MANUFACTURER                     | Renesas Electronics America                                                        |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 64LQFP                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| DATA SHEET                       | <a href="#">1.R5F212AASDFA#V2.pdf</a><br><a href="#">2.R5F212AASDFA#V2.pdf</a>     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 5.5 V                                                                      |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (14x14)                                                                    |
| SPEED                            | 20MHz                                                                              |
| SERIES                           | R8C/2x/2A                                                                          |
| RAM SIZE                         | 7K x 8                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                              |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                     |
| PERIPHERALS                      | POR, PWM, Voltage Detect, WDT                                                      |
| PACKAGING                        | Tray                                                                               |
| PACKAGE / CASE                   | 64-LQFP                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                  |
| NUMBER OF I/O                    | 55                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| EEPROM SIZE                      | -                                                                                  |
| DETAILED DESCRIPTION             | R8C R8C/2x/2A Microcontroller IC 16-Bit 20MHz 96KB (96K x 8) FLASH 64-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 12x10b; D/A 2x8b                                                               |
| CORE SIZE                        | 16-Bit                                                                             |
| CORE PROCESSOR                   | R8C                                                                                |
| CONNECTIVITY                     | I <sup>2</sup> C, LINbus, SIO, SSU, UART/USART                                     |
| BASE PART NUMBER                 | R5F212AA                                                                           |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F212AASDFA#V2 | R5F212AASDFA#V2 Distributor             | R5F212AASDFA#V2 Supplier                        |
| R5F212AASDFA#V2 Price                       | R5F212AASDFA#V2 Pictures                | R5F212AASDFA#V2 Image                           |
| R5F212AASDFA#V2 PDF Datasheet               | R5F212AASDFA#V2 Download Datasheet      | R5F212AASDFA#V2 Datasheet                       |
| R5F212AASDFA#V2 Stock                       | Buy R5F212AASDFA#V2                     | Buy Renesas Electronics America R5F212AASDFA#V2 |
| Renesas Electronics America R5F212AASDFA#V2 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F212AASDFA#V2 | Renesas Technology Corp R5F212AASDFA#V2 | Renesas R5F212AASDFA#V2                         |

Related Products

|                                                                                                                                                                  |                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>R5F212AASDFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: 320 pcs</p> <p>RFQ</p>    | <p><b>R5F212A8SDFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>R5F212ACSDFA#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 360 pcs</p> <p>RFQ</p>   | <p><b>R5F212A8SDFA#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>R5F212AASNLG#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64TFLGA<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>R5F212A8SNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>R5F212A8SNFA#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>R5F212A8SNFP#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>R5F212A8SNFA#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>R5F212AASNFP#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: 319 pcs</p> <p>RFQ</p>    |
| <p><b>R5F212AASNFA#V2</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>R5F212ACSDFA#X6</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: Out stock</p> <p>RFQ</p> |