

|                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |
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| <br> <div>Not Actual Photo<br/>YIC International Co., Limited.</div> | <h2>R5F212A8SNFP#V2</h2>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |
|                                                                                                                                                                                                                                       | <table><tr><td>Manufacturer Part Number:</td><td>R5F212A8SNFP#V2</td></tr><tr><td>Manufacturer/Brand:</td><td>Renesas Electronics America</td></tr><tr><td>Part of Description:</td><td>IC MCU 16BIT 64KB FLASH 64LFQFP</td></tr><tr><td>Datasheets:</td><td> 1.R5F212A8SNFP#V2.pdf<br/> 2.R5F212A8SNFP#V2.pdf</td></tr><tr><td>RoHs Status:</td><td> Lead free / RoHS</td></tr><tr><td>Stock Condition:</td><td>Compliant<br/>New original, 2634 pcs Stock Available.</td></tr><tr><td>Ship From:</td><td>Hong Kong</td></tr><tr><td>Shipment Way:</td><td>DHL/Fedex/TNT/UPS/EMS</td></tr></table> | Manufacturer Part Number: | R5F212A8SNFP#V2 | Manufacturer/Brand: | Renesas Electronics America | Part of Description: | IC MCU 16BIT 64KB FLASH 64LFQFP | Datasheets: |  1.R5F212A8SNFP#V2.pdf<br> 2.R5F212A8SNFP#V2.pdf | RoHs Status: |  Lead free / RoHS | Stock Condition: | Compliant<br>New original, 2634 pcs Stock Available. | Ship From: | Hong Kong | Shipment Way: |
| Manufacturer Part Number:                                                                                                                                                                                                             | R5F212A8SNFP#V2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |
| Manufacturer/Brand:                                                                                                                                                                                                                   | Renesas Electronics America                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |
| Part of Description:                                                                                                                                                                                                                  | IC MCU 16BIT 64KB FLASH 64LFQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |
| Datasheets:                                                                                                                                                                                                                           |  1.R5F212A8SNFP#V2.pdf<br> 2.R5F212A8SNFP#V2.pdf                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |
| RoHs Status:                                                                                                                                                                                                                          |  Lead free / RoHS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |
| Stock Condition:                                                                                                                                                                                                                      | Compliant<br>New original, 2634 pcs Stock Available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |
| Ship From:                                                                                                                                                                                                                            | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |
| Shipment Way:                                                                                                                                                                                                                         | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |
| Image may be representation.<br>See specs for product details.                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                 |                     |                             |                      |                                 |             |                                                                                                                                                                                                                    |              |                                                                                                    |                  |                                                      |            |           |               |

| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | R5F212A8SNFP#V2                                         |
| Manufacturer               | Renesas Electronics America                             |
| Description                | IC MCU 16BIT 64KB FLASH 64LFQFP                         |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2634 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 2.2 V ~ 5.5 V                                           |
| Supplier Device Package    | 64-LFQFP (10x10)                                        |
| Speed                      | 20MHz                                                   |
| Series                     | R8C/2x/2A                                               |
| RAM Size                   | 3K x 8                                                  |
| Program Memory Type        | FLASH                                                   |
| Program Memory Size        | 64KB (64K x 8)                                          |
| Peripherals                | POR, PWM, Voltage Detect, WDT                           |
| Packaging                  | Tray                                                    |
| Package / Case             | 64-LQFP                                                 |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -20°C ~ 85°C (TA)                                       |
| Number of I/O              | 55                                                      |
| EEPROM Size                | -                                                       |
| Data Converters            | A/D 12x10b; D/A 2x8b                                    |
| Core Size                  | 16-Bit                                                  |
| Core Processor             | R8C                                                     |
| Connectivity               | I²C, LIN, SIO, SSU, UART/USART                          |
|                            |                                                         |

You May Be Also Be interested

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|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| In:<br><br><b>R5F212AASNFP</b><br>RENESAS<br>R5F212AASNFP RENESAS | <br><b>R5F212AASDFA#V2</b><br>Renesas Electronics America<br>IC MCU 16BIT 96KB FLASH<br>64LQFP | <br><b>R5F212A8SNFA#V2 V2NG</b><br>RENESAS<br>RENESAS QFP-64                                   | <br><b>R5F212A8SNFP</b><br>RENESAS<br>R5F212A8SNFP RENESAS                                      |
| <br><b>R5F212A8SNFP#U0</b><br>RENESAS<br>RENESAS 2008+RoHS        | <br><b>R5F212AASNFA#V2</b><br>Renesas Electronics America<br>IC MCU 16BIT 96KB FLASH<br>64LQFP | <br><b>R5F212A8SNFA#X6</b><br>Renesas Electronics America<br>IC MCU 16BIT 64KB FLASH<br>64LQFP | <br><b>R5F212A8SNFP#X6</b><br>Renesas Electronics America<br>IC MCU 16BIT 64KB FLASH<br>64LFQFP |

| R5F212A8SNFP#V2 Related keyword             |                              |                             |                       |                                             | More |
|---------------------------------------------|------------------------------|-----------------------------|-----------------------|---------------------------------------------|------|
| R5F212A8SNFP#V2 Renesas Electronics America | R5F212A8SNFP#V2 Data Sheet   | R5F212A8SNFP#V2 Datasheets  | R5F212A8SNFP#V2 PDF   | Renesas Electronics America R5F212A8SNFP#V2 |      |
| R5F212A8SNFP#V2 Electronic                  | R5F212A8SNFP#V2 Components   | R5F212A8SNFP#V2 Distributor | R5F212A8SNFP#V2 Image | R5F212A8SNFP#V2 Part                        |      |
| R5F212A8SNFP#V2 Price                       | R5F212A8SNFP#V2 Manufacturer | R5F212A8SNFP#V2 Picture     | R5F212A8SNFP#V2 Stock | R5F212A8SNFP#V2 Inventory                   |      |
| R5F212A8SNFP#V2 New                         | R5F212A8SNFP#V2 Original     | R5F212A8SNFP#V2 Warranted   | R5F212A8SNFP#V2 RFQ   | R5F212A8SNFP#V2 Order Online                |      |