

R5F212F4DFP#U0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F212F4DFP#U0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 16KB FLASH 32LQFP                                                                               |
| Datasheets:         |  R5F212F4DFP#U0.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7007 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of R5F212F4DFP#U0

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F212F4DFP#U0                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 32LQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 7007 pcs                                                                                               |
| DATA SHEET                       |  R5F212F4DFP#U0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                                          |
| SPEED                            | 20MHz                                                                                                  |
| SERIES                           | R8C/2x/2F                                                                                              |
| RAM SIZE                         | 1K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                         |
| PERIPHERALS                      | POR, PWM, Voltage Detect, WDT                                                                          |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 32-LQFP                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF I/O                    | 25                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | -                                                                                                      |
| DETAILED DESCRIPTION             | R8C R8C/2x/2F Microcontroller IC 16-Bit 20MHz 16KB (16K x 8) FLASH 32-LQFP (7x7)                       |
| DATA CONVERTERS                  | A/D 12x10b; D/A 2x8b                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                 |
| CORE PROCESSOR                   | R8C                                                                                                    |
| CONNECTIVITY                     | LINbus, SIO, UART/USART                                                                                |
| BASE PART NUMBER                 | R5F212F                                                                                                |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F212F4DFP#U0 | R5F212F4DFP#U0 Distributor             | R5F212F4DFP#U0 Supplier                        |
| R5F212F4DFP#U0 Price                       | R5F212F4DFP#U0 Pictures                | R5F212F4DFP#U0 Image                           |
| R5F212F4DFP#U0 PDF Datasheet               | R5F212F4DFP#U0 Download Datasheet      | R5F212F4DFP#U0 Datasheet                       |
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| Renesas Electronics America R5F212F4DFP#U0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F212F4DFP#U0 | Renesas Technology Corp R5F212F4DFP#U0 | Renesas R5F212F4DFP#U0                         |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F212G4SNFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 3460 pcs<br/><b>RFQ</b></div> |  <div><b>R5F212F4NFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 3072 pcs<br/><b>RFQ</b></div>  |
|  <div><b>R5F212E4NFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 7067 pcs<br/><b>RFQ</b></div>  |  <div><b>R5F212F4NFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 15259 pcs<br/><b>RFQ</b></div> |
|  <div><b>R5F212F2NFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br/>In stock: 6204 pcs<br/><b>RFQ</b></div>   |  <div><b>R5F212F2NFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br/>In stock: 4651 pcs<br/><b>RFQ</b></div>   |
|  <div><b>R5F212G4SDFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 6362 pcs<br/><b>RFQ</b></div> |  <div><b>R5F212F2DFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br/>In stock: 5578 pcs<br/><b>RFQ</b></div>   |
|  <div><b>R5F212E4YFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 3310 pcs<br/><b>RFQ</b></div>  |  <div><b>R5F212G4SDFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 3882 pcs<br/><b>RFQ</b></div> |
|  <div><b>R5F212F2DFP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 8KB FLASH 32LQFP<br/>In stock: 7042 pcs<br/><b>RFQ</b></div>   |  <div><b>R5F212F4DFP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br/>In stock: 5200 pcs<br/><b>RFQ</b></div>  |