

R5F521A8BDFN#30



Part Number: [R5F521A8BDFN#30](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 512KB FLASH 80LQFP

Data sheet:  [RX21A Datasheet](#)  
 [RX21A Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

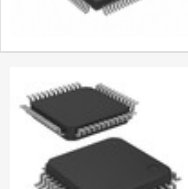
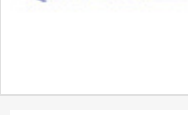
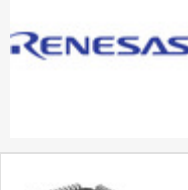
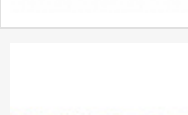
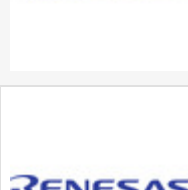
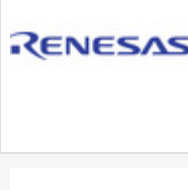
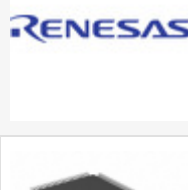
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy R5F521A8BDFN#30 with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                |                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | R5F521A8BDFN#30                           | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC MCU 32BIT 512KB FLASH 80LQFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5958 pcs                                  | Data sheet                     | <a href="#">RX21A Datasheet</a><br><a href="#">RX21A Hardware Manual</a>        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 3.6 V                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 80-LQFP (12x12)                           | Speed                          | 50MHz                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | RX200                                     | RAM Size                       | 64K x 8                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLASH                                     | Program Memory Size            | 512KB (512K x 8)                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 80-LQFP                                   | Oscillator Type                | Internal                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C (TA)                         | Number of I/O                  | 51                                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                      |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8K x 8                                    | Detailed Description           | RX RX200 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 80-LQFP (12x12) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A/D 4x24b, 7x10b, D/A 2x10b               | Core Size                      | 32-Bit                                                                          |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RX                                        | Connectivity                   | I <sup>2</sup> C, IrDA, SCI, SPI                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 5958 pieces of Renesas Electronics America R5F521A8BDFN#30 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                            |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">R5F52205BDFL#30</a><br>Description: IC MCU 32BIT 128KB FLASH 48LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A8BDLJ#U0</a><br>Description: IC MCU 32BIT 512KB FLASH 100LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A8BDFM#V0</a><br>Description: IC MCU 32BIT 512KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A7BDFM#30</a><br>Description: IC MCU 32BIT 384KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A6BDFF#V0</a><br>Description: IC MCU 32BIT 256KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F52206BDFL#30</a><br>Description: IC MCU 32BIT 256KB FLASH 48LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A7BDFN#V0</a><br>Description: IC MCU 32BIT 384KB FLASH 80LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A7BDFM#V0</a><br>Description: IC MCU 32BIT 384KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F52203BDFL#30</a><br>Description: IC MCU 32BIT 64KB FLASH 48LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F52203BDFM#30</a><br>Description: IC MCU 32BIT 64KB FLASH 64LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F52203BDFF#30</a><br>Description: IC MCU 32BIT 64KB FLASH 100LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A8BDFM#30</a><br>Description: IC MCU 32BIT 512KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F52206BDFM#30</a><br>Description: IC MCU 32BIT 256KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A6BDLJ#U0</a><br>Description: IC MCU 32BIT 256KB FLASH 100LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A7BDLJ#U0</a><br>Description: IC MCU 32BIT 384KB FLASH 100LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A7BDFF#30</a><br>Description: IC MCU 32BIT 384KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A7BDFN#30</a><br>Description: IC MCU 32BIT 384KB FLASH 80LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A8BDFN#V0</a><br>Description: IC MCU 32BIT 512KB FLASH 80LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A8BDFF#30</a><br>Description: IC MCU 32BIT 512KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F521A8BDFF#V0</a><br>Description: IC MCU 32BIT 512KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |

|                                             |                                         |                          |                       |
|---------------------------------------------|-----------------------------------------|--------------------------|-----------------------|
| Related keywords for <b>R5F521A8BDFN#30</b> |                                         |                          |                       |
| Renesas Electronics America R5F521A8BDFN#30 | R5F521A8BDFN#30 distributor             | R5F521A8BDFN#30 supplier | R5F521A8BDFN#30 price |
| R5F521A8BDFN#30 download datasheet          | R5F521A8BDFN#30 datasheet               | R5F521A8BDFN#30 stock    | buy R5F521A8BDFN#30   |
| Renesas Electronics America R5F521A8BDFN#30 | Renesas Technology Corp R5F521A8BDFN#30 | Renesas R5F521A8BDFN#30  |                       |