



Renesas Electronics America



R5F524TAADFN#31

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F524TAADFN#31                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 256KB FLASH 80LQFP                                                                              |
| Datasheets:         |  R5F524TAADFN#31.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 14661 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.

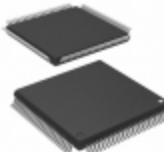
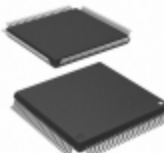
Specifications of R5F524TAADFN#31

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F524TAADFN#31                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 80LQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 14661 pcs                                                                                               |
| DATA SHEET                       |  R5F524TAADFN#31.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                                         |
| SPEED                            | 80MHz                                                                                                   |
| SERIES                           | RX200                                                                                                   |
| RAM SIZE                         | 16K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 256KB (256K 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                    | 60                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | 8K x 8                                                                                                  |
| DETAILED DESCRIPTION             | RXv2 RX200 Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 80-LQFP (12x12)                       |
| DATA CONVERTERS                  | A/D 17x12b, D/A 1x8b                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | RXv2                                                                                                    |
| CONNECTIVITY                     | I²C, SCI, SPI                                                                                           |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F524TAADFN#31 | R5F524TAADFN#31 Distributor             | R5F524TAADFN#31 Supplier                        |
| R5F524TAADFN#31 Price                       | R5F524TAADFN#31 Pictures                | R5F524TAADFN#31 Image                           |
| R5F524TAADFN#31 PDF Datasheet               | R5F524TAADFN#31 Download Datasheet      | R5F524TAADFN#31 Datasheet                       |
| R5F524TAADFN#31 Stock                       | Buy R5F524TAADFN#31                     | Buy Renesas Electronics America R5F524TAADFN#31 |
| Renesas Electronics America R5F524TAADFN#31 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F524TAADFN#31 | Renesas Technology Corp R5F524TAADFN#31 | Renesas R5F524TAADFN#31                         |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>R5F524TAADFM#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 13118 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F524T8ADFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 100QFP<br/>In stock: 6153 pcs<br/><div>RFQ</div></div>   |
|  <div><b>R5F524UBADFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RX24U 256KB/32KB 144LQFP -40_+85<br/>In stock: 10463 pcs<br/><div>RFQ</div></div> |  <div><b>R5F524TAADFF#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 13482 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F524TAADFF#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 5397 pcs<br/><div>RFQ</div></div>   |  <div><b>R5F524TCADFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 13889 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F524TAADFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5958 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F524TEADFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 10924 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F524TBADFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 14329 pcs<br/><div>RFQ</div></div> |  <div><b>R5F524TAADFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 15427 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F524TAADFN#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 6383 pcs<br/><div>RFQ</div></div>   |  <div><b>R5F524T8ADFP#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 20916 pcs<br/><div>RFQ</div></div> |