



Renesas Electronics America



Image may be representation. See specifications for product details.

R5F524T8ADFP#30

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F524T8ADFP#30                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 128KB FLASH 100QFP                                                                              |
| Datasheets:         |  R5F524T8ADFP#30.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6153 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

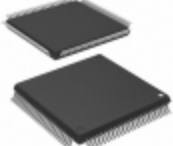
Specifications of R5F524T8ADFP#30

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F524T8ADFP#30                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100QFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 6153 pcs                                                                                                |
| DATA SHEET                       |  R5F524T8ADFP#30.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 100-LFQFP (14x14)                                                                                       |
| SPEED                            | 80MHz                                                                                                   |
| SERIES                           | RX200                                                                                                   |
| RAM SIZE                         | 16K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                        |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                 |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 100-LQFP                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 80                                                                                                      |
| 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 128KB (128K x 8) FLASH 100-LFQFP (14x14)                     |
| DATA CONVERTERS                  | A/D 22x12b, D/A 1x8b                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | RXv2                                                                                                    |
| CONNECTIVITY                     | I²C, SCI, SPI                                                                                           |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F524T8ADFP#30 | R5F524T8ADFP#30 Distributor             | R5F524T8ADFP#30 Supplier                        |
| R5F524T8ADFP#30 Price                       | R5F524T8ADFP#30 Pictures                | R5F524T8ADFP#30 Image                           |
| R5F524T8ADFP#30 PDF Datasheet               | R5F524T8ADFP#30 Download Datasheet      | R5F524T8ADFP#30 Datasheet                       |
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| Renesas Electronics America R5F524T8ADFP#30 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F524T8ADFP#30 | Renesas Technology Corp R5F524T8ADFP#30 | Renesas R5F524T8ADFP#30                         |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                              |
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| <div></div> <div><b>R5F524T8ADFF#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 22221 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F523T5ADFM#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 64LFQFP<br/>In stock: 20824 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F524T8ADFF#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 5643 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F524T8ADFM#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 25175 pcs<br/><div>RFQ</div></div>  |
| <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></div> <div><b>R5F524T8ADFN#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 3327 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>R5F524TAADFN#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 14661 pcs<br/><div>RFQ</div></div> | <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></div> <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></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></div> <div><b>R5F524T8ADFN#31</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 17455 pcs<br/><div>RFQ</div></div> | <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> |