

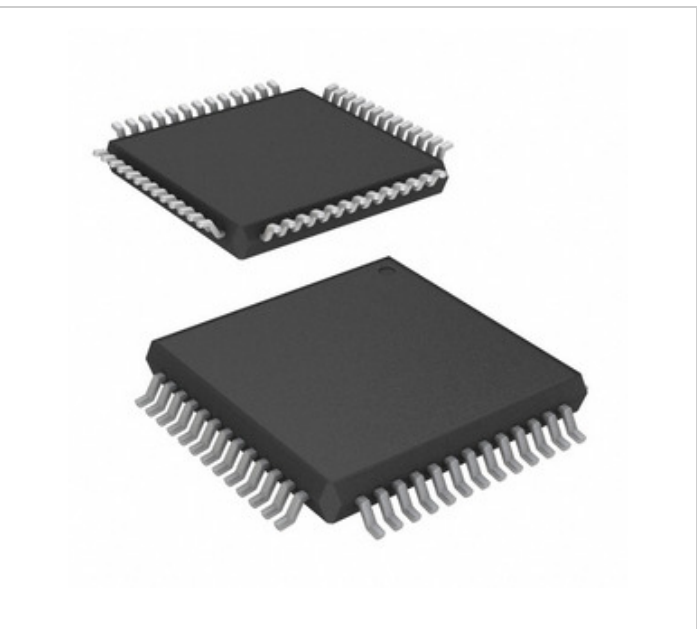


Image may be representation. See specifications for product details.

### R5F523T3ADFD#30

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F523T3ADFD#30                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 64KB FLASH 52LQFP                                                                               |
| Datasheets:         |  R5F523T3ADFD#30.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 45682 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

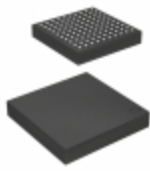
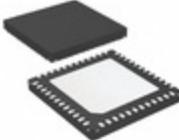
#### Specifications of R5F523T3ADFD#30

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F523T3ADFD#30                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 52LQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 45682 pcs                                                                                               |
| DATA SHEET                       |  R5F523T3ADFD#30.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 52-LQFP (10x10)                                                                                         |
| SPEED                            | 40MHz                                                                                                   |
| SERIES                           | RX200                                                                                                   |
| RAM SIZE                         | 10K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                          |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                 |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 52-LQFP                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 38                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | RX RX200 Microcontroller IC 32-Bit 40MHz 64KB (64K x 8) FLASH 52-LQFP (10x10)                           |
| DATA CONVERTERS                  | A/D 10x12b                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | RX                                                                                                      |
| CONNECTIVITY                     | I²C, SCI, SPI                                                                                           |

#### Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F523T3ADFD#30 | R5F523T3ADFD#30 Distributor             | R5F523T3ADFD#30 Supplier                        |
| R5F523T3ADFD#30 Price                       | R5F523T3ADFD#30 Pictures                | R5F523T3ADFD#30 Image                           |
| R5F523T3ADFD#30 PDF Datasheet               | R5F523T3ADFD#30 Download Datasheet      | R5F523T3ADFD#30 Datasheet                       |
| R5F523T3ADFD#30 Stock                       | Buy R5F523T3ADFD#30                     | Buy Renesas Electronics America R5F523T3ADFD#30 |
| Renesas Electronics America R5F523T3ADFD#30 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F523T3ADFD#30 | Renesas Technology Corp R5F523T3ADFD#30 | Renesas R5F523T3ADFD#30                         |

#### Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                         |
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| <div>RENESAS</div> <div><b>R5F52318BDFL#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 48LQFP<br/>In stock: 6601 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F52318BDFM#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: 6910 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>R5F52318BDLA#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100TLGA<br/>In stock: 6105 pcs</div> <div>RFQ</div>        | <div></div> <div><b>R5F52318BDNE#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 48HWQFN<br/>In stock: 2789 pcs</div> <div>RFQ</div> |
| <div>RENESAS</div> <div><b>R5F523T5ADFM#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 20824 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F523T5ADFD#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 52LQFP<br/>In stock: 41196 pcs</div> <div>RFQ</div> |
| <div>RENESAS</div> <div><b>R5F523T3ADFM#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 31684 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F52318BDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 6982 pcs</div> <div>RFQ</div> |
| <div>RENESAS</div> <div><b>R5F524T8ADFF#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 5643 pcs</div> <div>RFQ</div>  | <div></div> <div><b>R5F523T5ADFL#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 28557 pcs</div> <div>RFQ</div> |
| <div>RENESAS</div> <div><b>R5F52318BDND#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 64HWQFN<br/>In stock: 3573 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F523T3ADFL#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 40434 pcs</div> <div>RFQ</div>  |