

R5F523T5ADFL#30



**Part Number:** [R5F523T5ADFL#30](#)

**Manufacturer:** [Renesas Electronics America](#)

**Description:** IC MCU 32BIT 128KB FLASH 48LFQFP

**Data sheet:**  [RX23T Group](#)

**RoHs Status:** Lead free / RoHS Compliant

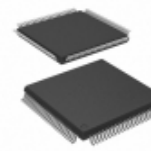
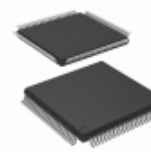
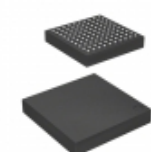
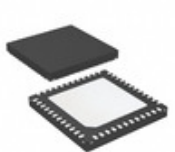
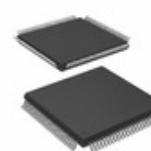
**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                |                                 |                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                          | R5F523T5ADFL#30                                                                | Manufacturer                    | <a href="#">Renesas Electronics America</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MCU 32BIT 128KB FLASH 48LFQFP                                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                   | 59323 pcs                                                                      | Data sheet                      | <a href="#">RX23T Group</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                                      | Voltage - Supply (Vcc/Vdd)      | 2.7 V ~ 5.5 V                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                              | 48-LFQFP (7x7)                                                                 | Speed                           | 40MHz                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                               | RX200                                                                          | RAM Size                        | 10K x 8                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                  | FLASH                                                                          | Program Memory Size             | 128KB (128K x 8)                            |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                          | DMA, LVD, POR, PWM, WDT                                                        | Packaging                       | Tray                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                       | 48-LQFP                                                                        | Oscillator Type                 | Internal                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 85°C (TA)                                                              | Number of I/O                   | 35                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                                                                  | Manufacturer Standard Lead Time | 24 Weeks                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                                                     | EEPROM Size                     | -                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                 | RX RX200 Microcontroller IC 32-Bit 40MHz 128KB (128K x 8) FLASH 48-LFQFP (7x7) | Data Converters                 | A/D 10x12b                                  |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                            | 32-Bit                                                                         | Core Processor                  | RX                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                         | PC, SCI, SPI                                                                   |                                 |                                             |
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|  | Part#: <a href="#">R5F523T5ADFD#30</a><br>Description: IC MCU 32BIT 128KB FLASH 52LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F524T8ADFP#31</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F524T8ADFM#31</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F524TAADFF#30</a><br>Description: IC MCU 32BIT 256KB FLASH 80LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F524T8ADFP#30</a><br>Description: IC MCU 32BIT 128KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F524T8ADFF#31</a><br>Description: IC MCU 32BIT 128KB FLASH 80LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
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|  | Part#: <a href="#">R5F523T3ADFD#30</a><br>Description: IC MCU 32BIT 64KB FLASH 52LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F523T3ADFM#30</a><br>Description: IC MCU 32BIT 64KB FLASH 64LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
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|  | Part#: <a href="#">R5F52318BDNE#U0</a><br>Description: IC MCU 32BIT 512KB FLASH 48HWQFN | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F524T8ADFN#30</a><br>Description: IC MCU 32BIT 128KB FLASH 80LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F52318BDND#U0</a><br>Description: IC MCU 32BIT 512KB FLASH 64HWQFN | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
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|  | Part#: <a href="#">R5F52318BDFP#30</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |

Related keywords for R5F523T5ADFL#30

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