

R5F5634BCDFB#30



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**RENESAS**

Part Number: [R5F5634BCDFB#30](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 1MB FLASH 144LQFP

Data sheet:  [RX634 Group Datasheet](#)

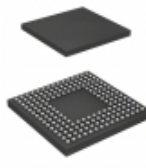
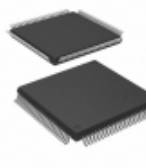
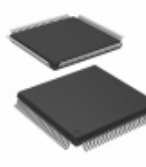
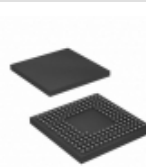
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                |                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | R5F5634BCDFB#30                           | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC MCU 32BIT 1MB FLASH 144LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4647 pcs                                  | Data sheet                     | <a href="#">RX634 Group Datasheet</a>                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 144-LQFP (20x20)                          | Speed                          | 54MHz                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | RX600                                     | RAM Size                       | 128K x 8                                                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLASH                                     | Program Memory Size            | 1MB (1M x 8)                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 144-LQFP                                  | Oscillator Type                | Internal                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C (TA)                         | Number of I/O                  | 114                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                   |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 32K x 8                                   | Detailed Description           | RX RX600 Microcontroller IC 32-Bit 54MHz 1MB (1M x 8) FLASH 144-LQFP (20x20) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A/D 16x12b, D/A 2x10b                     | Core Size                      | 32-Bit                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RX                                        | Connectivity                   | I <sup>2</sup> C, 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 4647 pieces of Renesas Electronics America R5F5634BCDFB#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="#">R5F5631YHDFB#V0</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5631WDDFC#V0</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F563NACDBG#U0</a><br>Description: IC MCU 32BIT 768KB FLASH 176BGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">R5F563NACDFP#V0</a><br>Description: IC MCU 32BIT 768KB FLASH 100LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">R5F5631WHDFC#V0</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5634EYDFB#30</a><br>Description: IC MCU 32BIT 2MB FLASH 144LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5631WHDFB#V0</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5631YDDFB#V0</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5634BYDFB#30</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5631YDDFC#V0</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5634ECDFB#30</a><br>Description: IC MCU 32BIT 2MB FLASH 144LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F563NACDLC#U0</a><br>Description: IC MCU 32BIT 768KB FLASH 177LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5631WDDFB#V0</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5631WHDFP#V0</a><br>Description: IC MCU 32BIT 1MB FLASH 100LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5634DCDFB#30</a><br>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5631WDDFP#V0</a><br>Description: IC MCU 32BIT 1MB FLASH 100LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F5634DYDFB#30</a><br>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |

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