

R5F562N7ADFB#V0



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Part Number: [R5F562N7ADFB#V0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 384KB FLASH 144QFP

Data sheet:  [RX62N,621 Group](#)  
 [RX62N, RX621 User's Manual](#)

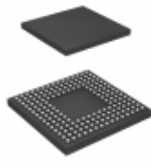
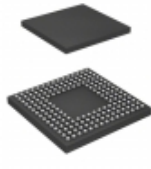
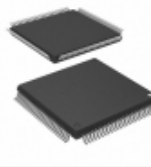
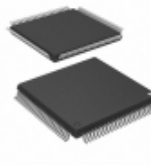
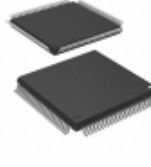
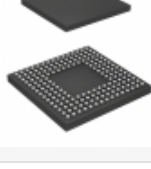
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   |                                  |                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | R5F562N7ADFB#V0                                                                   | Manufacturer                     | <a href="#">Renesas Electronics America</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 32BIT 384KB FLASH 144QFP                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14515 pcs                                                                         | Data sheet                       | <a href="#">RX62N,621 Group</a><br><a href="#">RX62N, RX621 User's Manual</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                                         | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 3.6 V                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 144-LQFP (20x20)                                                                  | Speed                            | 100MHz                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RX600                                                                             | RAM Size                         | 64K x 8                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                                                             | Program Memory Size              | 384KB (384K x 8)                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DMA, LVD, POR, PWM, WDT                                                           | Packaging                        | Tray                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 144-LQFP                                                                          | Other Names                      | R5F562N7ADFBV0                                                                |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Internal                                                                          | Operating Temperature            | -40°C ~ 85°C (TA)                                                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 103                                                                               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                                                        | EEPROM Size                      | -                                                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | RX RX600 Microcontroller IC 32-Bit 100MHz 384KB (384K x 8) FLASH 144-LQFP (20x20) | Data Converters                  | A/D 8x10/12b, D/A 2x10b                                                       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 32-Bit                                                                            | Core Processor                   | RX                                                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EBI/EMI, I <sup>2</sup> C, SCI, SPI, USB                                          | Base Part Number                 | R5F562                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 14515 pieces of Renesas Electronics America R5F562N7ADFB#V0 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="#">R5F562N8ADFB#V0</a><br>Description: IC MCU 32BIT 512KB FLASH 144QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562N7BDLE#U0</a><br>Description: IC MCU 32BIT 384KB FLASH 145LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562N7ADBG#U0</a><br>Description: IC MCU 32BIT 384KB FLASH 176BGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562GAADFH#V3</a><br>Description: IC MCU 32BIT 256KB FLASH 112LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562N8ADBG#U0</a><br>Description: IC MCU 32BIT 512KB FLASH 176BGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562N7ADFP#V0</a><br>Description: IC MCU 32BIT 384KB FLASH 100LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562G7DDFP#V3</a><br>Description: IC MCU 32BIT 128KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562GADDFH#V3</a><br>Description: IC MCU 32BIT 256KB FLASH 112LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562GAADFH#V1</a><br>Description: IC MCU 32BIT 256KB FLASH 112LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562N7BDFB#V0</a><br>Description: IC MCU 32BIT 384KB FLASH 144QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562GAADFP#V1</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562GADDFP#V1</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562N8ADLE#U0</a><br>Description: IC MCU 32BIT 512KB FLASH 145LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562N7BDFP#V0</a><br>Description: IC MCU 32BIT 384KB FLASH 100LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562GAADFP#V3</a><br>Description: IC MCU 32BIT 256KB FLASH 100QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">R5F562N7ADLE#U0</a><br>Description: IC MCU 32BIT 384KB FLASH 145LGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |

Related keywords for **R5F562N7ADFB#V0**

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