

R5F562TAEDFF#V3



Part Number: [R5F562TAEDFF#V3](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 256KB FLASH 80LQFP

Data sheet:  [RX62T,G Hardware Manual](#)  
 [RX62T,G Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

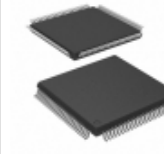
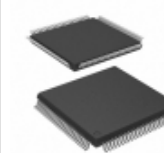
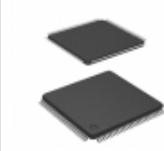
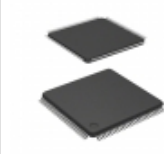
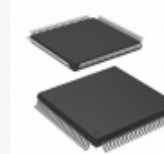
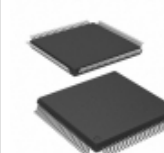
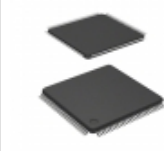
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | R5F562TAEDFF#V3                           | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 32BIT 256KB FLASH 80LQFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20003 pcs                                 | Data sheet                     | <a href="#">RX62T,G Hardware Manual</a><br><a href="#">RX62T,G Datasheet</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 3.6 V                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 80-LQFP (14x14)                           | Speed                          | 100MHz                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RX600                                     | RAM Size                       | 16K x 8                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                     | Program Memory Size            | 256KB (256K x 8)                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 80-LQFP                                   | Oscillator Type                | Internal                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C (TA)                         | Number of I/O                  | 44                                                                               |
| 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 256KB (256K x 8) FLASH 80-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A/D 4x10b, 8x12b                          | Core Size                      | 32-Bit                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | RX                                        | Connectivity                   | I <sup>2</sup> C, LINbus, SCI, SPI                                               |
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