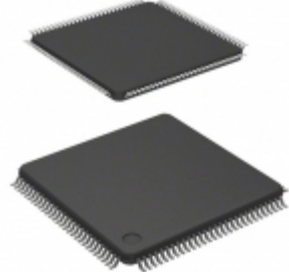


R5F562T7DDFH#V3



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: R5F562T7DDFH#V3

Manufacturer: Renesas Electronics America

Description: IC MCU 32BIT 128KB FLASH 112LQFP

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

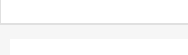
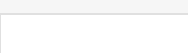
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | R5F562T7DDFH#V3                           | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 32BIT 128KB FLASH 112LQFP          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 21272 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)     | 4 V ~ 5.5 V                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 112-LQFP (20x20)                          | Speed                          | 100MHz                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RX600                                     | RAM Size                       | 8K x 8                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                     | Program Memory Size            | 128KB (128K x 8)                                                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 112-LQFP                                  | Oscillator Type                | Internal                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C (TA)                         | Number of I/O                  | 61                                                                                |
| 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 128KB (128K x 8) FLASH 112-LQFP (20x20) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A/D 12x10b, 8x12b                         | Core Size                      | 32-Bit                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | RX                                        | Connectivity                   | I <sup>2</sup> C, LINbus, SCI, SPI                                                |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                            |                |
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|  | Part#: <a href="#">R5F562T7DDFM#V1</a><br>Description: IC MCU 32BIT 128KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562T7EDFF#V1</a><br>Description: IC MCU 32BIT 128KB FLASH 80LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562T7BDFM#V3</a><br>Description: IC MCU 32BIT 128KB FLASH 64LFQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">R5F562T7BDFP#V1</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562T7DDFF#V1</a><br>Description: IC MCU 32BIT 128KB FLASH 80LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F562T7EDFK#V1</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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