

R5F21265SNFP#X6



**Part Number:** [R5F21265SNFP#X6](#)

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

**Description:** IC MCU 16BIT 24KB FLASH 32LQFP

**Data sheet:**  [R8C/26,27 Hardware Manual](#)  
 [R8C/26,27 Datasheet](#)

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

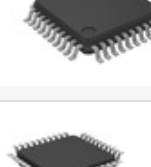
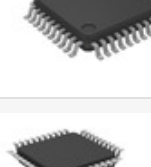
**Ship From:** Hong Kong

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                |                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | R5F21265SNFP#X6                           | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC MCU 16BIT 24KB FLASH 32LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4678 pcs                                  | Data sheet                     | <a href="#">R8C/26,27 Hardware Manual</a><br><a href="#">R8C/26,27 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.2 V ~ 5.5 V                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32-LQFP (7x7)                             | Speed                          | 20MHz                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | R8C/2x/26                                 | RAM Size                       | 1.5K x 8                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLASH                                     | Program Memory Size            | 24KB (24K x 8)                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LED, POR, Voltage Detect, WDT             | Packaging                      | Tape & Reel (TR)                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32-LQFP                                   | Oscillator Type                | Internal                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -20°C ~ 85°C (TA)                         | Number of I/O                  | 25                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Detailed Description           | R8C R8C/2x/26 Microcontroller IC 16-Bit 20MHz 24KB (24K x 8) FLASH 32-LQFP (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A/D 12x10b                                | Core Size                      | 16-Bit                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | R8C                                       | Connectivity                   | I <sup>2</sup> C, LINbus, SIO, SSU, UART/USART                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | R5F2126                                   |                                |                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 4678 pieces of Renesas Electronics America R5F21265SNFP#X6 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> |                                           |                                |                                                                                  |

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