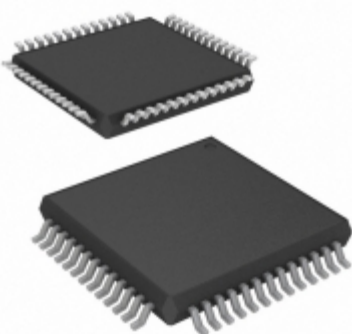


R5F2L357CNFP#30



Part Number: [R5F2L357CNFP#30](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 48KB FLASH 52LQFP

Data sheet:  [R8C/L3\(5,6,8,A\)C Datasheet](#)  
 [R8C/L3\(5,6,8,A\)C Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | R5F2L357CNFP#30                           | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 16BIT 48KB FLASH 52LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30025 pcs                                 | Data sheet                     | <a href="#">R8C/L3(5,6,8,A)C Datasheet</a><br><a href="#">R8C/L3(5,6,8,A)C Hardware Manual</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 5.5 V                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 52-LQFP (10x10)                           | Speed                          | 20MHz                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | R8C/Lx/35C                                | RAM Size                       | 6K x 8                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                     | Program Memory Size            | 48KB (48K x 8)                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LCD, POR, PWM, Voltage Detect, WDT        | Packaging                      | Tray                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 52-LQFP                                   | Oscillator Type                | Internal                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -20°C ~ 85°C (TA)                         | Number of I/O                  | 41                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                     |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description           | R8C R8C/Lx/35C Microcontroller IC 16-Bit 20MHz 48KB (48K x 8) FLASH 52-LQFP (10x10)            |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A/D 10x10b, D/A 2x8b                      | Core Size                      | 16-Bit                                                                                         |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | R8C                                       | Connectivity                   | I <sup>2</sup> C, LINbus, SIO, SSU, UART/USART                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | R5F2L357                                  |                                |                                                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 30025 pieces of Renesas Electronics America R5F2L357CNFP#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                                                                   |                                                                                         |                                                            |                |
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|  | Part#: <a href="#">R5F213MCUNNP#U0</a><br>Description: IC MCU LQFP                      | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2C2BCSNFA#X6</a><br>Description: IC MCU                           | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2L357CNFP#51</a><br>Description: IC MCU 16BIT 48KB FLASH 52LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2L368CDFP#30</a><br>Description: IC MCU 16BIT 64KB FLASH 64LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2L35CCNFP#30</a><br>Description: IC MCU 16BIT 128KB FLASH 52LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2L368C DFA#30</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F213MCQNNP#U0</a><br>Description: IC MCU 16BIT 112KB FLASH 40HWQFN | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2L357CNFP#50</a><br>Description: IC MCU 16BIT 48KB FLASH 52LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2C2B7SNFA#X6</a><br>Description: IC MCU                           | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2C2B7SNFA#V2</a><br>Description: IC MCU                           | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2L357CNFP#31</a><br>Description: IC MCU 16BIT 48KB FLASH 52LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2C3G4MNSP#U0</a><br>Description: IC MCU                           | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2C2BCSNFA#V2</a><br>Description: IC MCU                           | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2C2BASNFA#V2</a><br>Description: IC MCU                           | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2L35CCDFP#30</a><br>Description: IC MCU 16BIT 128KB FLASH 52LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2L35CCNFP#31</a><br>Description: IC MCU 16BIT 128KB FLASH 52LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F2L35CCDFP#31</a><br>Description: IC MCU 16BIT 128KB FLASH 52LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F213MCKNNP#W0</a><br>Description: IC MCU 16BIT 128KB FLASH 40HWQFN | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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