



R5F2L3A7CNFP#V0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F2L3A7CNFP#V0                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 48KB FLASH 100LFQFP                                                                             |
|                     |  1.R5F2L3A7CNFP#V0.pdf      |
|                     |  2.R5F2L3A7CNFP#V0.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 12701 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

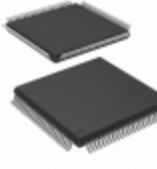
Specifications of R5F2L3A7CNFP#V0

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F2L3A7CNFP#V0                                                                                                                                                                                                        |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 48KB FLASH 100LFQFP                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 12701 pcs                                                                                                                                                                                                              |
| DATA SHEET                       |  1.R5F2L3A7CNFP#V0.pdf<br> 2.R5F2L3A7CNFP#V0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 100-LFQFP (14x14)                                                                                                                                                                                                      |
| SPEED                            | 20MHz                                                                                                                                                                                                                  |
| SERIES                           | R8C/Lx/3AC                                                                                                                                                                                                             |
| 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                   | 100-LQFP                                                                                                                                                                                                               |
| OTHER NAMES                      | R5F2L3A7CNFPV0                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 88                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| EEPROM SIZE                      | -                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | R8C R8C/Lx/3AC Microcontroller IC 16-Bit 20MHz 48KB (48K x 8) FLASH 100-LFQFP (14x14)                                                                                                                                  |
| DATA CONVERTERS                  | A/D 20x10b; D/A 2x8b                                                                                                                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | R8C                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I <sup>2</sup> C, LINbus, SIO, SSU, UART/USART                                                                                                                                                                         |
| BASE PART NUMBER                 | R5F2L3A7                                                                                                                                                                                                               |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F2L3A7CNFP#V0 | R5F2L3A7CNFP#V0 Distributor             | R5F2L3A7CNFP#V0 Supplier                        |
| R5F2L3A7CNFP#V0 Price                       | R5F2L3A7CNFP#V0 Pictures                | R5F2L3A7CNFP#V0 Image                           |
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| Renesas Electronics America R5F2L3A7CNFP#V0 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F2L3A7CNFP#V0 | Renesas Technology Corp R5F2L3A7CNFP#V0 | Renesas R5F2L3A7CNFP#V0                         |

Related Products

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| <div></div> <div><b>R5F2L3A8CDFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 100QFP<br/>In stock: 17827 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F2L3A7CNFA#U1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 100QFP<br/>In stock: 4797 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>R5F2L3A7MDFA#U1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 100QFP<br/>In stock: 6440 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F2L3A8CDFA#U1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 100QFP<br/>In stock: 3128 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>R5F2L3A7MDFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 100QFP<br/>In stock: 16146 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F2L3A7CNFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 100LFQFP<br/>In stock: 18883 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F2L3A7MNFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 100QFP<br/>In stock: 15753 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F2L3A7CDFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 100QFP<br/>In stock: 14399 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>R5F2L3A7CDFA#U1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 100QFP<br/>In stock: 5270 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F2L3A7MNFA#U1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 100QFP<br/>In stock: 6136 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>R5F2L3A7CNFA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 100QFP<br/>In stock: 14671 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F2L38CMNFA#V1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 80LQFP<br/>In stock: 5023 pcs<br/><div>RFQ</div></div>   |