

R5F52107CDFM#30



Part Number: [R5F52107CDFM#30](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 384KB FLASH 64LFQFP

Data sheet:  [RX210 Group](#)  
 [RX210 Group Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

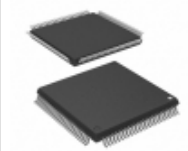
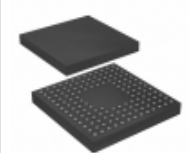
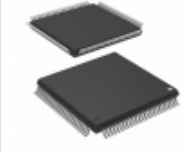
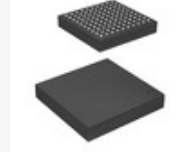
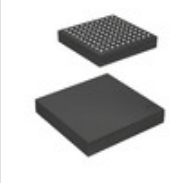
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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                           |                                |                                                                                  |
|----------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                      | R5F52107CDFM#30                           | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                      |
| Description                      | IC MCU 32BIT 384KB FLASH 64LFQFP          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| Quantity Available               | 22043 pcs                                 | Data sheet                     | <a href="#">RX210 Group</a><br><a href="#">RX210 Group Hrdw Manual</a>           |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.62 V ~ 5.5 V                                                                   |
| Supplier Device Package          | 64-LFQFP (10x10)                          | Speed                          | 50MHz                                                                            |
| Series                           | RX200                                     | RAM Size                       | 64K x 8                                                                          |
| Program Memory Type              | FLASH                                     | Program Memory Size            | 384KB (384K x 8)                                                                 |
| Peripherals                      | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                             |
| Package / Case                   | 64-LQFP                                   | Oscillator Type                | Internal                                                                         |
| Operating Temperature            | -40°C ~ 85°C (TA)                         | Number of I/O                  | 48                                                                               |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| EEPROM Size                      | 8K x 8                                    | Detailed Description           | RX RX200 Microcontroller IC 32-Bit 50MHz 384KB (384K x 8) FLASH 64-LFQFP (10x10) |
| Data Converters                  | A/D 12x12b; D/A 2x10b                     | Core Size                      | 32-Bit                                                                           |
| Core Processor                   | RX                                        | Connectivity                   | I²C, SCI, SPI                                                                    |

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