



Renesas Electronics America



R5F1007CGNA#W0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F1007CGNA#W0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | RL78/G13 32KB/2KB 24QFN -40_+105                                                                             |
| Datasheets:         |  1.R5F1007CGNA#W0.pdf       |
|                     |  2.R5F1007CGNA#W0.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 66068 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F1007CGNA#W0

|                                |                                                                                                                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | R5F1007CGNA#W0                                                                                                                                                                                                       |
| MANUFACTURER                   | Renesas Electronics America                                                                                                                                                                                          |
| DESCRIPTION                    | RL78/G13 32KB/2KB 24QFN -40_+105                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                                                                                                                                           |
| QUANTITY AVAILABLE             | 66068 pcs                                                                                                                                                                                                            |
| DATA SHEET                     |  1.R5F1007CGNA#W0.pdf<br> 2.R5F1007CGNA#W0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)     | 1.6 V ~ 5.5 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE        | 24-HWQFN (4x4)                                                                                                                                                                                                       |
| SPEED                          | 32MHz                                                                                                                                                                                                                |
| SERIES                         | RL78/G13                                                                                                                                                                                                             |
| RAM SIZE                       | 2K x 8                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE            | FLASH                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE            | 32KB (32K x 8)                                                                                                                                                                                                       |
| PERIPHERALS                    | DMA, LVD, POR, PWM, WDT                                                                                                                                                                                              |
| PACKAGING                      | Tape & Reel (TR)                                                                                                                                                                                                     |
| PACKAGE / CASE                 | 24-WFQFN Exposed Pad                                                                                                                                                                                                 |
| OSCILLATOR TYPE                | Internal                                                                                                                                                                                                             |
| OPERATING TEMPERATURE          | -40°C ~ 105°C (TA)                                                                                                                                                                                                   |
| NUMBER OF I/O                  | 15                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                                                                                                                                           |
| EEPROM SIZE                    | -                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION           | RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 32KB (32K x 8) FLASH 24-HWQFN (4x4)                                                                                                                                    |
| DATA CONVERTERS                | A/D 6x8/10b                                                                                                                                                                                                          |
| CORE SIZE                      | 16-Bit                                                                                                                                                                                                               |
| CORE PROCESSOR                 | RL78                                                                                                                                                                                                                 |
| CONNECTIVITY                   | CSI, I²C, LINbus, UART/USART                                                                                                                                                                                         |
| BASE PART NUMBER               | R5F1007                                                                                                                                                                                                              |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F1007CGNA#W0 | R5F1007CGNA#W0 Distributor             | R5F1007CGNA#W0 Supplier                        |
| R5F1007CGNA#W0 Price                       | R5F1007CGNA#W0 Pictures                | R5F1007CGNA#W0 Image                           |
| R5F1007CGNA#W0 PDF Datasheet               | R5F1007CGNA#W0 Download Datasheet      | R5F1007CGNA#W0 Datasheet                       |
| R5F1007CGNA#W0 Stock                       | Buy R5F1007CGNA#W0                     | Buy Renesas Electronics America R5F1007CGNA#W0 |
| Renesas Electronics America R5F1007CGNA#W0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F1007CGNA#W0 | Renesas Technology Corp R5F1007CGNA#W0 | Renesas R5F1007CGNA#W0                         |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>R5F1007CDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 24HWQFN<br/>In stock: 45943 pcs</div> <div>RFQ</div>  |  <div><b>R5F1007DDNA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 24HWQFN<br/>In stock: 62315 pcs</div> <div>RFQ</div>  |
|  <div><b>R5F1007DGNA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: 16BIT MCU RL78/G13 48K ROM 3K RA<br/>In stock: 56087 pcs</div> <div>RFQ</div> |  <div><b>R5F1007CDNA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 24HWQFN<br/>In stock: 55253 pcs</div> <div>RFQ</div>  |
|  <div><b>R5F1007DANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 24HWQFN<br/>In stock: 27035 pcs</div> <div>RFQ</div>  |  <div><b>R5F1007DGNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 48KB 3KB HWQFN24 -40 TO<br/>In stock: 40842 pcs</div> <div>RFQ</div> |
|  <div><b>R5F1007CGNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: RL78/G13 32K+2 -40TO85 24QFN<br/>In stock: 37427 pcs</div> <div>RFQ</div>     |  <div><b>R5F1007CANA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 24HWQFN<br/>In stock: 27615 pcs</div> <div>RFQ</div>  |
|  <div><b>R5F1007ADNA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 16KB FLASH 24HWQFN<br/>In stock: 5808 pcs</div> <div>RFQ</div>   |  <div><b>R5F1007CANA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 24HWQFN<br/>In stock: 57162 pcs</div> <div>RFQ</div>  |
|  <div><b>R5F1007DANA#W0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 24HWQFN<br/>In stock: 55921 pcs</div> <div>RFQ</div>  |  <div><b>R5F1007DDNA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 48KB FLASH 24HWQFN<br/>In stock: 41115 pcs</div> <div>RFQ</div>  |