

R5F100GDANA#U0



**Part Number:** [R5F100GDANA#U0](#)

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

**Description:** IC MCU 16BIT 48KB FLASH 48HWQFN

**Data sheet:**  [RL78/G13 Datasheet](#)  
 [RL78/G13 Hardware Manual](#)

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

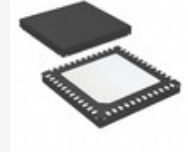
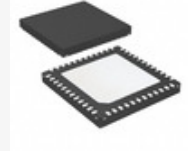
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy R5F100GDANA#U0 with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                |                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | R5F100GDANA#U0                            | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC MCU 16BIT 48KB FLASH 48HWQFN           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 59434 pcs                                 | Data sheet                     | <a href="#">RL78/G13 Datasheet</a><br><a href="#">RL78/G13 Hardware Manual</a>    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.6 V ~ 5.5 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 48-HWQFN (7x7)                            | Speed                          | 32MHz                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | RL78/G13                                  | RAM Size                       | 3K x 8                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLASH                                     | Program Memory Size            | 48KB (48K x 8)                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 48-WFQFN Exposed Pad                      | Oscillator Type                | Internal                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C (TA)                         | Number of I/O                  | 34                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Detailed Description           | RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 48KB (48K x 8) FLASH 48-HWQFN (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A/D 10x8/10b                              | Core Size                      | 16-Bit                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RL78                                      | Connectivity                   | CSI, PC, LINbus, UART/USART                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | R5F100                                    |                                |                                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 59434 pieces of Renesas Electronics America R5F100GDANA#U0 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                                                                   |                                                                                        |                                                            |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">R5F100GCGNA#U0</a><br>Description: RL78/G13 32KB/2KB+4KB 48QFN -40_ | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDDFB#V0</a><br>Description: IC MCU 16BIT 48KB FLASH 48LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDGNA#U0</a><br>Description: RL78/G13 48KB/3KB+4KB 48QFN -40_ | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GEAFB#30</a><br>Description: IC MCU 16BIT 64KB FLASH 48LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDAFB#V0</a><br>Description: IC MCU 16BIT 48KB FLASH 48LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GCGFB#X0</a><br>Description: IC MCU 16BIT 48LQFP              | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GCDFB#X0</a><br>Description: IC MCU 16BIT                     | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GCDNA#U0</a><br>Description: IC MCU 16BIT 32KB FLASH 48HWQFN  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDGFB#V0</a><br>Description: 16BIT MCU RL78/G13 48K/3K QFP48  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GCGNA#W0</a><br>Description: RL78/G13 32KB/2KB+4KB 48QFN -40_ | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GEAFB#V0</a><br>Description: IC MCU 16BIT 64KB FLASH 48LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDDNA#U0</a><br>Description: IC MCU 16BIT 48KB FLASH 48HWQFN  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDAFB#50</a><br>Description: IC MCU 16BIT 48KB FLASH 48LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GEAFB#50</a><br>Description: IC MCU 16BIT 64KB FLASH 48LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDGFB#X0</a><br>Description: 16BIT MCU RL78/G13 48K LQFP48 -  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDAFB#30</a><br>Description: IC MCU 16BIT 48KB FLASH 48LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDDFB#30</a><br>Description: IC MCU 16BIT 48KB FLASH 48LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GCGFB#V0</a><br>Description: IC MCU 16BIT 48LQFP              | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDGNA#W0</a><br>Description: RL78/G13 48KB/3KB+4KB 48QFN -40_ | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F100GDAFB#X0</a><br>Description: IC MCU 16BIT 48KB FLASH 48LFQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |

|                                            |                                        |                         |                      |
|--------------------------------------------|----------------------------------------|-------------------------|----------------------|
| Related keywords for <b>R5F100GDANA#U0</b> |                                        |                         |                      |
| Renesas Electronics America R5F100GDANA#U0 | R5F100GDANA#U0 distributor             | R5F100GDANA#U0 supplier | R5F100GDANA#U0 price |
| R5F100GDANA#U0 download datasheet          | R5F100GDANA#U0 datasheet               | R5F100GDANA#U0 stock    | buy R5F100GDANA#U0   |
| Renesas Electronics America R5F100GDANA#U0 | Renesas Technology Corp R5F100GDANA#U0 | Renesas R5F100GDANA#U0  |                      |