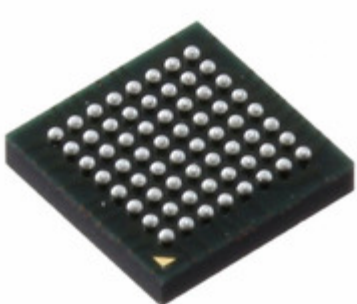


R5F100LEABG#W0



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See Product Specifications for product details.  
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Part Number: **R5F100LEABG#W0**

Manufacturer: **Renesas Electronics America**

Description: IC MCU 16BIT 64KB FLASH 64VFBGA

Data sheet:  **RL78/G13 Datasheet**

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | R5F100LEABG#W0                            | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 16BIT 64KB FLASH 64VFBGA           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 44420 pcs                                 | Data sheet                     | <a href="#">RL78/G13 Datasheet</a>                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.6 V ~ 5.5 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                             | 64-VFBGA (4x4)                            | Speed                          | 32MHz                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                              | RL78/G13                                  | RAM Size                       | 4K x 8                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                     | Program Memory Size            | 64KB (64K x 8)                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                         | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tape & Reel (TR)                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                      | 64-VFBGA                                  | 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                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description           | RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 64KB (64K x 8) FLASH 64-VFBGA (4x4) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                     | A/D 12x8/10b                              | Core Size                      | 16-Bit                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                      | RL78                                      | Connectivity                   | CSI, I <sup>2</sup> C, LINbus, UART/USART                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | R5F100                                    |                                |                                                                                   |
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|  | Part#: <a href="#">R5F100LDAFB#50</a><br>Description: IC MCU 16BIT 48LFQFP            | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEAFB#50</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LDDFB#X0</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LDDFB#V0</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEDFB#X0</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEAFB#X0</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEDFB#50</a><br>Description: IC MCU 16BIT 64LQFP             | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEAFA#V0</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LDDFB#30</a><br>Description: IC MCU 16BIT 48LFQFP            | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEABG#V0</a><br>Description: IC MCU 16BIT 64KB FLASH 64VFBGA | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEDFB#30</a><br>Description: IC MCU 16BIT 64LQFP             | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LDAFB#30</a><br>Description: IC MCU 16BIT 48KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEDFB#V0</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEAFB#30</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LDAFB#X0</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEABG#U0</a><br>Description: IC MCU 16BIT 64KB FLASH 64VFBGA | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LEAFB#V0</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LDDFB#50</a><br>Description: IC MCU 16BIT 48LFQFP            | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F100LDAFB#V0</a><br>Description: IC MCU 16BIT 48KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |

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