

R5F100LFDFOB#X0



Part Number: [R5F100LFDFOB#X0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT

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

RoHs Status: Lead free / RoHS Compliant

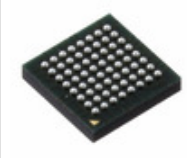
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy R5F100LFDFOB#X0 with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | R5F100LFDFOB#X0                           | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 16BIT                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 4670 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                                                                                                                                                                                                                                                                                                                                                                                                             | 64-LQFP (10x10)                           | Speed                          | 32MHz                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                              | RL78/G13                                  | RAM Size                       | 8K x 8                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                     | Program Memory Size            | 96KB (96K x 8)                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                         | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tape & Reel (TR)                                                                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description           | RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 96KB (96K x 8) FLASH 64-LQFP (10x10) |
| 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                                    |                                |                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 4670 pieces of Renesas Electronics America R5F100LFDFOB#X0 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: info@Components-World.com |                                           |                                |                                                                                    |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                            |     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------|-----|
|  | Part#: <a href="#">R5F100LGDFB#V0</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LGDFB#X0</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LEGFB#X0</a><br>Description: IC MCU 16BIT 64LQFP              | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LFBAG#U0</a><br>Description: IC MCU 16BIT 96KB FLASH 64VFBGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LFAFA#V0</a><br>Description: IC MCU 16BIT 96KB FLASH 64LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LFAFB#50</a><br>Description: IC MCU 16BIT 96KB FLASH 64LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LGAFA#V0</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LGAFB#X0</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LGDFB#30</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LGAFB#V0</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LFDFOB#50</a><br>Description: IC MCU 16BIT 64LQFP             | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LFDFOB#V0</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LFAFB#X0</a><br>Description: IC MCU 16BIT                     | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LFAFB#V0</a><br>Description: IC MCU 16BIT 96KB FLASH 64LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LGAFB#50</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LGDFB#50</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LFAFB#30</a><br>Description: IC MCU 16BIT 96KB FLASH 64LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LFDFOB#30</a><br>Description: IC MCU 16BIT 64LQFP             | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LGABG#U0</a><br>Description: IC MCU 16BIT 128KB FLASH 64VFBGA | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F100LGAFB#30</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |

|                                             |                                         |                          |                       |
|---------------------------------------------|-----------------------------------------|--------------------------|-----------------------|
| Related keywords for <b>R5F100LFDFOB#X0</b> |                                         |                          |                       |
| Renesas Electronics America R5F100LFDFOB#X0 | R5F100LFDFOB#X0 distributor             | R5F100LFDFOB#X0 supplier | R5F100LFDFOB#X0 price |
| R5F100LFDFOB#X0 download datasheet          | R5F100LFDFOB#X0 datasheet               | R5F100LFDFOB#X0 stock    | buy R5F100LFDFOB#X0   |
| Renesas Electronics America R5F100LFDFOB#X0 | Renesas Technology Corp R5F100LFDFOB#X0 | Renesas R5F100LFDFOB#X0  |                       |