



Renesas Electronics America

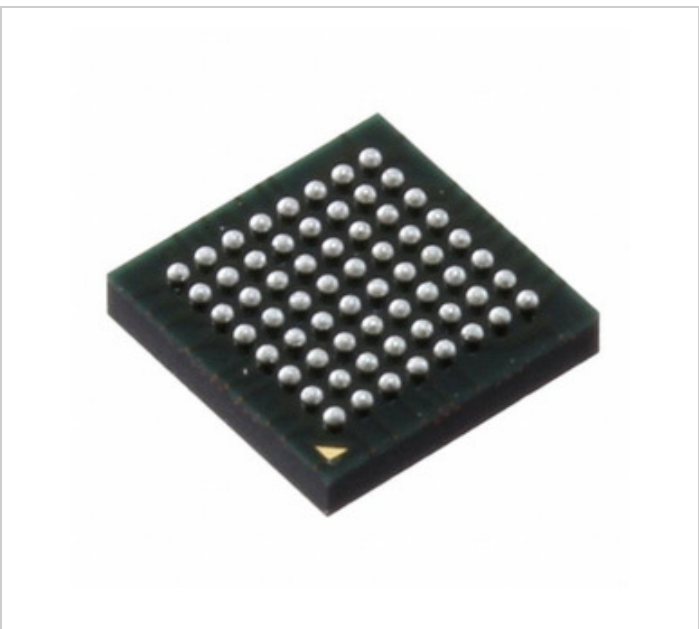


Image may be representation. See specifications for product details.

R5F101LFABG#U0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F101LFABG#U0                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 96KB FLASH 64VFBGA                                                                              |
| Datasheets:         |  1.R5F101LFABG#U0.pdf       |
|                     |  2.R5F101LFABG#U0.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 23943 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of R5F101LFABG#U0

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F101LFABG#U0                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 64VFBGA                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 23943 pcs                                                                                                |
| DATA SHEET                       |  1.R5F101LFABG#U0.pdf |
|                                  |  2.R5F101LFABG#U0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-VFBGA (4x4)                                                                                           |
| 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                        | Tray                                                                                                     |
| 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 96KB (96K x 8) FLASH 64-VFBGA (4x4)                        |
| DATA CONVERTERS                  | A/D 12x8/10b                                                                                             |
| CORE SIZE                        | 16-Bit                                                                                                   |
| CORE PROCESSOR                   | RL78                                                                                                     |
| CONNECTIVITY                     | CSI, I²C, LINbus, UART/USART                                                                             |
| BASE PART NUMBER                 | R5F101                                                                                                   |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America R5F101LFABG#U0 | R5F101LFABG#U0 Distributor             | R5F101LFABG#U0 Supplier                        |
| R5F101LFABG#U0 Price                       | R5F101LFABG#U0 Pictures                | R5F101LFABG#U0 Image                           |
| R5F101LFABG#U0 PDF Datasheet               | R5F101LFABG#U0 Download Datasheet      | R5F101LFABG#U0 Datasheet                       |
| R5F101LFABG#U0 Stock                       | Buy R5F101LFABG#U0                     | Buy Renesas Electronics America R5F101LFABG#U0 |
| Renesas Electronics America R5F101LFABG#U0 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America R5F101LFABG#U0 | Renesas Technology Corp R5F101LFABG#U0 | Renesas R5F101LFABG#U0                         |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>R5F101LEDFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64LQFP<br/>In stock: 4406 pcs</div> <div>RFQ</div>             | <div></div> <div><b>R5F101LFAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: 49625 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>R5F101LEAFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 58546 pcs</div> <div>RFQ</div> | <div></div> <div><b>R5F101LFAFB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64LQFP<br/>In stock: 3356 pcs</div> <div>RFQ</div>             |
| <div></div> <div><b>R5F101LDFDB#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64LQFP<br/>In stock: 3913 pcs</div> <div>RFQ</div>             | <div></div> <div><b>R5F101LEDFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 4749 pcs</div> <div>RFQ</div>                    |
| <div></div> <div><b>R5F101LFAFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64LQFP<br/>In stock: 2969 pcs</div> <div>RFQ</div>             | <div></div> <div><b>R5F101LEAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 3183 pcs</div> <div>RFQ</div>                    |
| <div></div> <div><b>R5F101LFAFB#X0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 4784 pcs</div> <div>RFQ</div>                    | <div></div> <div><b>R5F101LEDFB#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 5280 pcs</div> <div>RFQ</div>                    |
| <div></div> <div><b>R5F101LEDFB#50</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 64LQFP<br/>In stock: 6872 pcs</div> <div>RFQ</div>             | <div></div> <div><b>R5F101LFAFA#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: 32888 pcs</div> <div>RFQ</div> |