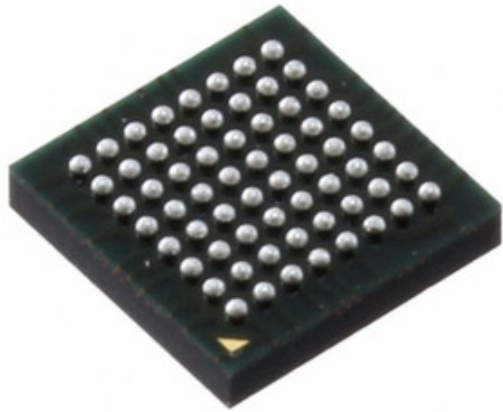


**RENESAS**

Renesas Electronics America

**R5F101LEABG#U0**

Part Number: R5F101LEABG#U0  
 Manufacturer/Brand: Renesas Electronics America  
 Product description: IC MCU 16BIT 64KB FLASH 64VFBGA  
 Datasheets: [1.R5F101LEABG#U0.pdf](#)  
[2.R5F101LEABG#U0.pdf](#)  
 RoHS Status: Lead free / RoHS Compliant  
 Stock Condition: 33013 pcs stock  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

**Specifications of R5F101LEABG#U0**

PART NUMBER	R5F101LEABG#U0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 64KB FLASH 64VFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	33013 pcs
DATA SHEET	<a href="#">1.R5F101LEABG#U0.pdf</a> <a href="#">2.R5F101LEABG#U0.pdf</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	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 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	R5F101

**Related Tags**

Renesas Electronics America R5F101LEABG#U0	R5F101LEABG#U0 Distributor	R5F101LEABG#U0 Supplier
R5F101LEABG#U0 Price	R5F101LEABG#U0 Pictures	R5F101LEABG#U0 Image
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Renesas Electronics America R5F101LEABG#U0	Renesas Technology Corp R5F101LEABG#U0	Renesas R5F101LEABG#U0

**Related Products**

<p><b>R5F101LEAFB#50</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64LQFP                  In stock: 4375 pcs  <a href="#">RFQ</a></p>	<p><b>R5F101LEDFB#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64LQFP                  In stock: 4406 pcs  <a href="#">RFQ</a></p>
<p><b>R5F101LDAFB#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT                  In stock: 3066 pcs  <a href="#">RFQ</a></p>	<p><b>R5F101LEAFA#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64KB FLASH 64LQFP                  In stock: 41639 pcs  <a href="#">RFQ</a></p>
<p><b>R5F101LDDFB#50</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64LQFP                  In stock: 5982 pcs  <a href="#">RFQ</a></p>	<p><b>R5F101LDAFB#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 48KB FLASH 64LQFP                  In stock: 55015 pcs  <a href="#">RFQ</a></p>
<p><b>R5F101LEAFB#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT                  In stock: 3183 pcs  <a href="#">RFQ</a></p>	<p><b>R5F101LDDFB#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT                  In stock: 4073 pcs  <a href="#">RFQ</a></p>
<p><b>R5F101LDDFB#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT                  In stock: 4417 pcs  <a href="#">RFQ</a></p>	<p><b>R5F101LDDFB#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64LQFP                  In stock: 4297 pcs  <a href="#">RFQ</a></p>
<p><b>R5F101LEAFB#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64LQFP                  In stock: 3324 pcs  <a href="#">RFQ</a></p>	<p><b>R5F101LEAFB#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64KB FLASH 64LQFP                  In stock: 58546 pcs  <a href="#">RFQ</a></p>