


**RENESAS**

Renesas Electronics America

## R5F100LHAFB#50

Part Number: R5F100LHAFB#50  
 Manufacturer/Brand: Renesas Electronics America  
 Product description: IC MCU 16BIT 192KB FLASH 64LQFP  
 Datasheets: [1.R5F100LHAFB#50.pdf](#)  
[2.R5F100LHAFB#50.pdf](#)  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

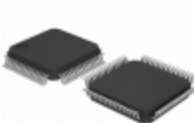


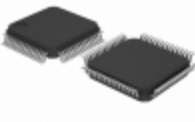




### Specifications of R5F100LHAFB#50

PART NUMBER	R5F100LHAFB#50
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 192KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.R5F100LHAFB#50.pdf</a> <a href="#">2.R5F100LHAFB#50.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.6 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	32MHz
SERIES	RL78/G13
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	192KB (192K 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 192KB (192K 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

### Related Tags

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 <p><b>R5F100LHAFB#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 192KB FLASH 64LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>R5F100LHAFB#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 192KB FLASH 64LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>R5F100LHABG#U0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 192KB FLASH 64VFBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>R5F100LHDAFA#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 192KB FLASH 64LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>R5F100LHDFB#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>R5F100LHAFB#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 192KB FLASH 64LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>R5F100LHDFB#50</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>R5F100LHABG#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 192KB FLASH 64VFBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>R5F100LGGFB#X0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>R5F100LGGFB#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 128KB FLASH 64LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>R5F100LHAFB#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 192KB FLASH 64LQFP                  In stock: 320 pcs  <a href="#">RFQ</a></p>	 <p><b>R5F100LHDFB#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 16BIT 64LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>