

**R5F72145ADBG#U1 Information**


For Reference Only

**Part Number** [R5F72145ADBG#U1](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 512KB FLASH 176BGA  
**Package** 176-LFBGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**R5F72145ADBG#U1 Specifications**

Manufacturer Part Number	<a href="#">R5F72145ADBG#U1</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	176-LFBGA
Series	SuperH? SH7214
Core Processor	SH2A-FPU
Core Size	32-Bit
Speed	200MHz
Connectivity	CAN, Ethernet, I2C, SCI, SPI, USB
Peripherals	DMA, PWM, WDT
Number of I/O	112
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	64K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Data Converters	A/D 8x12b
Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	176-LFBGA
Supplier Device Package	176-LFBGA (13x13)

[Report errors?](#)

## R5F72145ADBG#U1 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## R5F72145ADBG#U1 Payment Methods



## R5F72145ADBG#U1 Shipping Methods



If you have any question about R5F72145ADBG#U1, please do not hesitate to contact us!

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