

R5F72165BDFA#V1 Information


For Reference Only

Part Number [R5F72165BDFA#V1](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 176LQFP
Package 176-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


R5F72165BDFA#V1 Specifications

Manufacturer Part Number	R5F72165BDFA#V1
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	176-LQFP
Series	SuperH? SH7216
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-LQFP
Supplier Device Package	176-LQFP (20x20)

[Report errors?](#)

R5F72165BDFA#V1 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.

R5F72165BDFA#V1 Payment Methods



R5F72165BDFA#V1 Shipping Methods



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