



#### R5F56316CDBG#U0 Information



For Reference Only

Part Number R5F56316CDBG#U0

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 32BIT 256KB FLASH 176BGA

Package 176-LFBGA

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.









# R5F56316CDBG#U0 Specifications

Manufacturer Part Number	R5F56316CDBG#U0
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	176-LFBGA
Series	RX600
Core Processor	RX
Core Size	32-Bit
Speed	100MHz
Connectivity	CAN, EBI/EMI, I2C, LIN, SCI, SPI, USB
Peripherals	DMA, LVD, POR, PWM, WDT
Number of I/O	133
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	32K x 8
RAM Size	128K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Data Converters	A/D 8x10b, 21x12b, D/A 2x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	176-LFBGA
Supplier Device Package	176-LFBGA (13x13)
	Report errors?

### R5F56316CDBG#U0 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.

### R5F56316CDBG#U0 Payment Methods









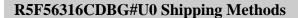
























If you have any question about R5F56316CDBG#U0, please do not hesitate to contact us!

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