

R5F56318DDBG#U0



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Part Number: [R5F56318DDBG#U0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 512KB FLASH 176BGA

Data sheet:  [RX63N, RX631 Group Datasheet](#)
 [RX63N, RX631 Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

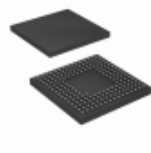
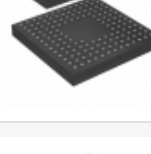
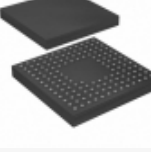
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PRODUCT PARAMETER			
Part Number	R5F56318DDBG#U0	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 512KB FLASH 176BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11367 pcs	Data sheet	RX63N, RX631 Group Datasheet RX63N, RX631 Hrdw Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	176-LFBGA (13x13)	Speed	100MHz
Series	RX600	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	176-LFBGA	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	133
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	32K x 8	Detailed Description	RX RX600 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 176-LFBGA (13x13)
Data Converters	A/D 8x10b, 21x12b, D/A 2x10b	Core Size	32-Bit
Core Processor	RX	Connectivity	CANbus, EBI/EMI, I ² C, LINbus, SCI, SPI, USB

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