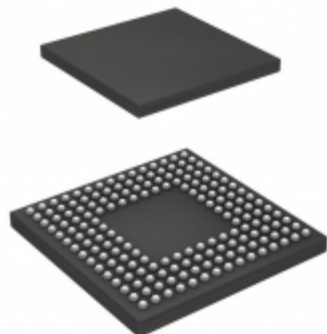


R5F56218BDBG#U0



Part Number: [R5F56218BDBG#U0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 512KB FLASH 176BGA

Data sheet:  [RX62N,621 Group](#)
 [RX62N, RX621 User's Manual](#)

RoHs Status: Lead free / RoHS Compliant

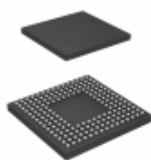
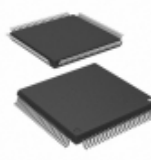
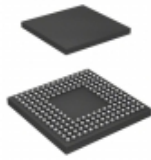
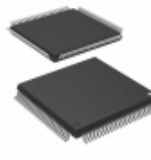
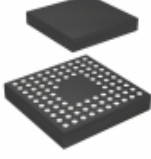
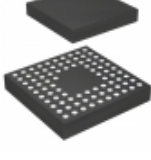
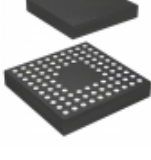
Ship From: Hong Kong

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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	R5F56218BDBG#U0	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 512KB FLASH 176BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14623 pcs	Data sheet	RX62N,621 Group RX62N, RX621 User's 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	96K 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	Other Names	R5F56218BDBGU0
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	126	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	24 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	RX RX600 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 176-LFBGA (13x13)
Data Converters	A/D 8x10/12b, D/A 2x10b	Core Size	32-Bit
Core Processor	RX	Connectivity	CANbus, EBI/EMI, I ² C, SCI, SPI, USB
Base Part Number	R5F5621		
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	Part#: R5F56218BDLE#U0 Description: IC MCU 32BIT 512KB FLASH 145LGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F56218BDFP#V0 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Renesas Electronics America	RFQ
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	Part#: R5F562G7ADFH#V1 Description: IC MCU 32BIT 128KB FLASH 112LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F562G7ADFP#V3 Description: IC MCU 32BIT 128KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F562G7ADFP#V1 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Renesas Electronics America	RFQ

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