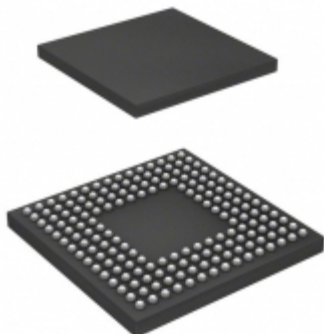


R5F565NCDDBG#20



Part Number: [R5F565NCDDBG#20](#)

Manufacturer: [Renesas Electronics America](#)

Description: 32BIT MCU RX65N 1.5MB BGA176 -40

Data sheet:  [RX65N, RX651 Group Datasheet](#)
 [RX65N, RX651 Group Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

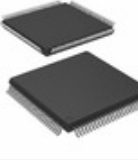
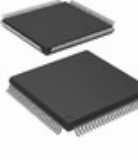
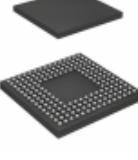
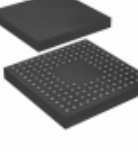
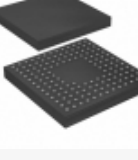
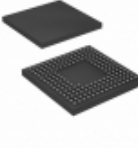
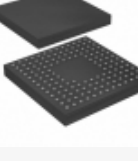
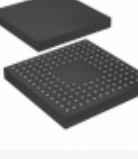
Ship From: Hong Kong

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	R5F565NCDDBG#20	Manufacturer	Renesas Electronics America
Description	32BIT MCU RX65N 1.5MB BGA176 -40	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9574 pcs	Data sheet	RX65N, RX651 Group Datasheet RX65N, RX651 Group Hrdw Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	176-LFBGA (13x13)	Speed	120MHz
Series	RX65N	RAM Size	640K x 8
Program Memory Type	FLASH	Program Memory Size	1.5MB (1.5M 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	136
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	24 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	32K x 8
Detailed Description	RXv2 RX65N Microcontroller IC 32-Bit 120MHz 1.5MB (1.5M x 8) FLASH 176-LFBGA (13x13)	Data Converters	A/D 29x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	RXv2
Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, LINbus, MMC/SD, QSPI, SCI, SPI, UART/USART, USB		
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