

RENESAS

Renesas Electronics America

R5F565NCDDBG#20

Part Number: R5F565NCDDBG#20
 Manufacturer/Brand: Renesas Electronics America
 Product description: 32BIT MCU RX65N 1.5MB BGA176 -40
 Datasheets: [1.R5F565NCDDBG#20.pdf](#)
[2.R5F565NCDDBG#20.pdf](#)
 RoHS Status: Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of R5F565NCDDBG#20

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
DATA SHEET	1.R5F565NCDDBG#20.pdf 2.R5F565NCDDBG#20.pdf
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

Related Tags

Renesas Electronics America R5F565NCDDBG#20	R5F565NCDDBG#20 Distributor	R5F565NCDDBG#20 Supplier
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Related Products

<p>R5F565NCDDFC#30 Manufacturers: Renesas Electronics America Description: 32BIT MCU RX65N 1.5MB QFP176 -40 In stock: Out stock RFQ</p>	<p>R5F565N9BDFB#30 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 25 pcs RFQ</p>
<p>R5F565NCDDLK#20 Manufacturers: Renesas Electronics America Description: 32BIT MCU RX65N 1.5MB LGA145 -40 In stock: Out stock RFQ</p>	<p>R5F565N9BDLK#20 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 145LGA In stock: Out stock RFQ</p>
<p>R5F565NCDDLK#20 Manufacturers: Renesas Electronics America Description: 32BIT MCU RX65N 1.5MB LGA177 -40 In stock: Out stock RFQ</p>	<p>R5F565N9BDLJ#20 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 100LGA In stock: Out stock RFQ</p>
<p>R5F565NCDDFB#30 Manufacturers: Renesas Electronics America Description: 32BIT MCU RX65N 1.5MB QFP144 -40 In stock: 25 pcs RFQ</p>	<p>R5F565N9ADLJ#20 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 100LGA In stock: 20 pcs RFQ</p>
<p>R5F565N9BDFP#30 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 23 pcs RFQ</p>	<p>R5F565NCDDLJ#20 Manufacturers: Renesas Electronics America Description: 32BIT MCU RX65N 1.5MB LGA100 -40 In stock: Out stock RFQ</p>
<p>R5F565NCDDFP#30 Manufacturers: Renesas Electronics America Description: 32BIT MCU RX65N 1.5MB QFP100 -40 In stock: Out stock RFQ</p>	<p>R5F565N9ADLK#20 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1MB FLASH 145LGA In stock: 20 pcs RFQ</p>