

R5F564MGDDFP#31



Part Number: [R5F564MGDDFP#31](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 2.5MB FLASH 100QFP

Data sheet:  [RX64M Datasheet](#)
 [RX64M Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

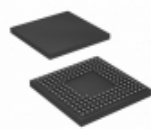
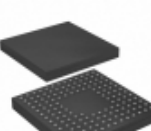
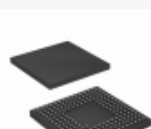
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PRODUCT PARAMETER			
Part Number	R5F564MGDDFP#31	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 2.5MB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8517 pcs	Data sheet	RX64M Datasheet RX64M Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	100-LFQFP (14x14)	Speed	120MHz
Series	RX600	RAM Size	552K x 8
Program Memory Type	FLASH	Program Memory Size	2.5MB (2.5M x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	78
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	24 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	64K x 8
Detailed Description	RXv2 RX600 Microcontroller IC 32-Bit 120MHz 2.5MB (2.5M x 8) FLASH 100-LFQFP (14x14)	Data Converters	A/D 22x12b, D/A 1x12b
Core Size	32-Bit	Core Processor	RXv2
Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, LINbus, MMC/SD, SCI, SPI, SSI, UART/USART, USB		
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