

R5F56514BDFB#30



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Part Number: [R5F56514BDFB#30](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 512KB FLASH 144QFP

Data sheet: [PDF RX65N, RX651 Group Hrdw Interface Manual~](#)
[PDF RX65N, RX651 Group Flash Memory Manual](#)
[PDF RX65N, RX651 Group Datasheet](#)
[PDF RX65N, RX651 Group Hrdw Manual](#)

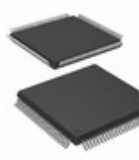
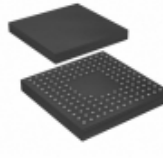
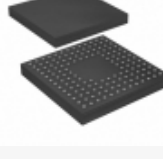
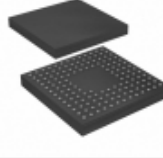
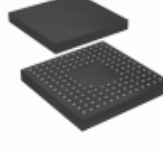
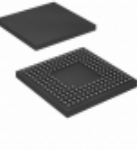
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	R5F56514BDFB#30	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 512KB FLASH 144QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13809 pcs	Data sheet	RX65N, RX651 Group Hrdw Interface Manual RX65N, RX651 Group Flash Memory Manual 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	144-LFQFP (20x20)	Speed	120MHz
Series	RX651	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	111
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	RXv2 RX651 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 144-LFQFP (20x20)	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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	Part#: R5F564MLHDFC#31 Description: IC MCU 32BIT 4MB FLASH 176LFQFP	Manufacturers: Renesas Electronics America	RFQ
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	Part#: R5F56514ADFB#30 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Renesas Electronics America	RFQ
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