

R5F212B8SDFP#X6



Part Number: [R5F212B8SDFP#X6](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 64KB FLASH 64LQFP

Data sheet:  [R8C/2A/2B Datasheet](#)
 [R8C/2A/2B Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

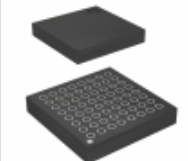
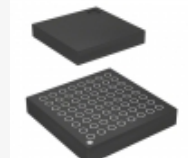
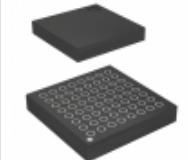
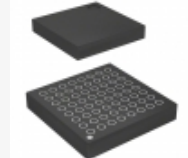
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PRODUCT PARAMETER			
Part Number	R5F212B8SDFP#X6	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 64KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16922 pcs	Data sheet	R8C/2A/2B Datasheet R8C/2A/2B Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	Speed	20MHz
Series	R8C/2x/2B	RAM Size	3K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	POR, PWM, Voltage Detect, WDT	Packaging	Cut Tape (CT)
Package / Case	64-LQFP	Other Names	R5F212B8SDFP#X6CT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	55	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	R8C R8C/2x/2B Microcontroller IC 16-Bit 20MHz 64KB (64K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 12x10b; D/A 2x8b
Core Size	16-Bit	Core Processor	R8C
Connectivity	I ² C, LINbus, SIO, SSU, UART/USART	Base Part Number	R5F212B8
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