

R5F212K2SDFP#X6



Part Number: [R5F212K2SDFP#X6](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 8KB FLASH 32LQFP

Data sheet:  [R8C/2K,2L Datasheet](#)
 [R8C/2K,2L Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	R5F212K2SDFP#X6	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 8KB FLASH 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5878 pcs	Data sheet	R8C/2K,2L Datasheet R8C/2K,2L Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.2 V ~ 5.5 V
Supplier Device Package	32-LQFP (7x7)	Speed	20MHz
Series	R8C/2x/2K	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	8KB (8K x 8)
Peripherals	POR, PWM, Voltage Detect, WDT	Packaging	Tape & Reel (TR)
Package / Case	32-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	25
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	R8C R8C/2x/2K Microcontroller IC 16-Bit 20MHz 8KB (8K x 8) FLASH 32-LQFP (7x7)
Data Converters	A/D 9x10b	Core Size	16-Bit
Core Processor	R8C	Connectivity	LINbus, SIO, UART/USART
Base Part Number	R5F212K		
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