

R5F212E4NFP#U0



Part Number: [R5F212E4NFP#U0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 16KB FLASH 32LQFP

Data sheet:  [R8C/2E/2F Hardware Manual](#)
 [R8C/2E/2F Datasheet](#)

RoHS Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	R5F212E4NFP#U0	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 16KB FLASH 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5795 pcs	Data sheet	R8C/2E/2F Hardware Manual R8C/2E/2F Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	32-LQFP (7x7)	Speed	20MHz
Series	R8C/2x/2E	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	POR, PWM, Voltage Detect, WDT	Packaging	Tray
Package / Case	32-LQFP	Other Names	R5F212E4NFP#V0 R5F212E4NFP#V0-ND
Oscillator Type	Internal	Operating Temperature	-20°C ~ 85°C (TA)
Number of I/O	25	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	R8C R8C/2x/2E Microcontroller IC 16-Bit 20MHz 16KB (16K x 8) FLASH 32-LQFP (7x7)	Data Converters	A/D 12x10b; D/A 2x8b
Core Size	16-Bit	Core Processor	R8C
Connectivity	LINbus, SIO, UART/USART	Base Part Number	R5F212E
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