

R5F2121AKFP#U0



Part Number: [R5F2121AKFP#U0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 96KB FLASH 48LFQFP

Data sheet:  [R8C/20,21 Hardware Manual](#)
 [R8C/20,21 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	R5F2121AKFP#U0	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 96KB FLASH 48LFQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5314 pcs	Data sheet	R8C/20,21 Hardware Manual R8C/20,21 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	48-LFQFP (7x7)	Speed	16MHz
Series	R8C/2x/21	RAM Size	5K x 8
Program Memory Type	FLASH	Program Memory Size	96KB (96K x 8)
Peripherals	POR, Voltage Detect, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	R5F2121AKFP#V0 R5F2121AKFP#V0-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	41	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	2K x 8
Detailed Description	R8C R8C/2x/21 Microcontroller IC 16-Bit 16MHz 96KB (96K x 8) FLASH 48-LFQFP (7x7)	Data Converters	A/D 12x10b
Core Size	16-Bit	Core Processor	R8C
Connectivity	I ² C, LINbus, SIO, SSU, UART/USART	Base Part Number	R5F2121
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