

R5F21181SP#U0



Part Number: [R5F21181SP#U0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 4KB FLASH 20LSSOP

Data sheet:  [R8C/18, R8C/19 Group Datasheet](#)
 [R8C/18, R8C/19 Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

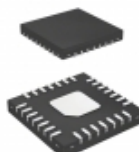
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PRODUCT PARAMETER			
Part Number	R5F21181SP#U0	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 4KB FLASH 20LSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	56360 pcs	Data sheet	R8C/18, R8C/19 Group Datasheet R8C/18, R8C/19 Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	20-LSSOP	Speed	20MHz
Series	R8C/1x/18	RAM Size	384 x 8
Program Memory Type	FLASH	Program Memory Size	4KB (4K x 8)
Peripherals	LED, POR, Voltage Detect, WDT	Packaging	Tube
Package / Case	20-LSSOP (0.173", 4.40mm Width)	Other Names	R5F21181SP#V0 R5F21181SP#V0-ND R5F21181SPU0
Oscillator Type	Internal	Operating Temperature	-20°C ~ 85°C (TA)
Number of I/O	13	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	R8C R8C/1x/18 Microcontroller IC 16-Bit 20MHz 4KB (4K x 8) FLASH 20-LSSOP	Data Converters	A/D 4x1b
Core Size	16-Bit	Core Processor	R8C
Connectivity	SIO, UART/USART	Base Part Number	R5F21181
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