

R5F21163SP#U0



Part Number: [R5F21163SP#U0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 12KB FLASH 20LSSOP

Data sheet:  [R8C/16,17 Group Hardware Manual](#)
 [R8C/16, R8C/17 Group Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

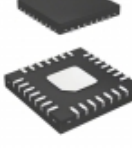
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PRODUCT PARAMETER			
Part Number	R5F21163SP#U0	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 12KB FLASH 20LSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	44074 pcs	Data sheet	R8C/16,17 Group Hardware Manual R8C/16, R8C/17 Group Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	20-LSSOP	Speed	20MHz
Series	R8C/1x/16	RAM Size	768 x 8
Program Memory Type	FLASH	Program Memory Size	12KB (12K x 8)
Peripherals	LED, POR, Voltage Detect, WDT	Packaging	Tube
Package / Case	20-LSSOP (0.173", 4.40mm Width)	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/16 Microcontroller IC 16-Bit 20MHz 12KB (12K x 8) FLASH 20-LSSOP
Data Converters	A/D 4x10b	Core Size	16-Bit
Core Processor	R8C	Connectivity	I ² C, SIO, UART/USART
Base Part Number	R5F21163		
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