



R5F21142SP#U0

Part Number:	R5F21142SP#U0
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 16BIT 8KB FLASH 20LSSOP
Datasheets:	 1.R5F21142SP#U0.pdf
	 2.R5F21142SP#U0.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	21275 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of R5F21142SP#U0

PART NUMBER	R5F21142SP#U0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 8KB FLASH 20LSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21275 pcs
DATA SHEET	 1.R5F21142SP#U0.pdf
	 2.R5F21142SP#U0.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	20-LSSOP
SPEED	20MHz
SERIES	R8C/1x/14
RAM SIZE	512 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	8KB (8K x 8)
PERIPHERALS	LED, POR, Voltage Detect, WDT
PACKAGING	Tube
PACKAGE / CASE	20-LSSOP (0.173", 4.40mm Width)
OTHER NAMES	R5F21142SP#V0
	R5F21142SP#V0-ND
	R5F21142SPU0
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-20°C ~ 85°C (TA)
NUMBER OF I/O	13
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	R8C R8C/1x/14 Microcontroller IC 16-Bit 20MHz 8KB (8K x 8) FLASH 20-LSSOP
DATA CONVERTERS	A/D 4x10b
CORE SIZE	16-Bit
CORE PROCESSOR	R8C
CONNECTIVITY	SIO, SSU, UART/USART
BASE PART NUMBER	R5F21142

Related Tags

Renesas Electronics America R5F21142SP#U0	R5F21142SP#U0 Distributor	R5F21142SP#U0 Supplier
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Related Products

 R5F21134FP#W4 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 16KB FLASH 32LQFP In stock: 31643 pcs RFQ	 R5F21132FP#W4 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT In stock: 6836 pcs RFQ
 R5F21144SP#U0 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 16KB FLASH 20LSSOP In stock: 33417 pcs RFQ	 R5F21134DFP#U0 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 16KB FLASH 32LQFP In stock: 25192 pcs RFQ
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