




Renesas Electronics America

**R5F211B2SP#U0**

Part Number:	R5F211B2SP#U0
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 16BIT 8KB FLASH 20LSSOP
Datasheets:	<a href="#">1.R5F211B2SP#U0.pdf</a> <a href="#">2.R5F211B2SP#U0.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.











## Specifications of R5F211B2SP#U0

PART NUMBER	R5F211B2SP#U0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 8KB FLASH 20LSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.R5F211B2SP#U0.pdf</a> <a href="#">2.R5F211B2SP#U0.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	20-LSSOP
SPEED	20MHz
SERIES	R8C/1x/1B
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 (0.240", 6.10mm Width)
OTHER NAMES	R5F211B2SP#V0 R5F211B2SP#V0-ND R5F211B2SPU0
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/1B 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	I <sup>2</sup> C, SIO, SSU, UART/USART
BASE PART NUMBER	R5F211B

## Related Tags

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 <p><b>R5F211B2NP#U0</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 8KB FLASH 28HWQFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F211B3DSP#U0</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 12KB FLASH 20LSSOP In stock: 84 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>R5F211B4DSP#W4</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 16KB FLASH 20LSSOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F211B2SP#W4</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 8KB FLASH 20LSSOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>R5F211B4DSP#U0</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 16KB FLASH 20LSSOP In stock: 45 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F211B1DSP#U0</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 4KB FLASH 20LSSOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>R5F211B1SP#W4</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 4KB FLASH 20LSSOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F211B3SP#U0</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 12KB FLASH 20LSSOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>R5F211B1DD#U0</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 4KB FLASH 20SDIP In stock: 166 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F211B2DSP#U0</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 8KB FLASH 20LSSOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>R5F211B1SP#U0</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 4KB FLASH 20LSSOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F211B3NP#U0</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 12KB FLASH 28HWQFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>