



Renesas Electronics America



R5F212B8SDFP#X6

Part Number:	R5F212B8SDFP#X6
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 16BIT 64KB FLASH 64LFQFP
Datasheets:	 1.R5F212B8SDFP#X6.pdf
	 2.R5F212B8SDFP#X6.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	12097 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

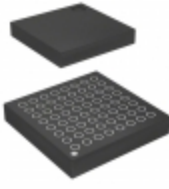
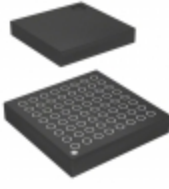
Specifications of R5F212B8SDFP#X6

PART NUMBER	R5F212B8SDFP#X6
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 64KB FLASH 64LFQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12097 pcs
DATA SHEET	 1.R5F212B8SDFP#X6.pdf
	 2.R5F212B8SDFP#X6.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	64-LFQFP (10x10)
SPEED	20MHz
SERIES	R8C/2x/2B
RAM SIZE	3K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	POR, PWM, Voltage Detect, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	64-LQFP
OTHER NAMES	R5F212B8SDFP#X6CT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	55
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	R8C R8C/2x/2B Microcontroller IC 16-Bit 20MHz 64KB (64K x 8) FLASH 64-LFQFP (10x10)
DATA CONVERTERS	A/D 12x10b; D/A 2x8b
CORE SIZE	16-Bit
CORE PROCESSOR	R8C
CONNECTIVITY	I ² C, LINbus, SIO, SSU, UART/USART
BASE PART NUMBER	R5F212B8

Related Tags

Renesas Electronics America R5F212B8SDFP#X6	R5F212B8SDFP#X6 Distributor	R5F212B8SDFP#X6 Supplier
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Renesas Electronics America R5F212B8SDFP#X6	Renesas Technology Corp R5F212B8SDFP#X6	Renesas R5F212B8SDFP#X6

Related Products

 R5F212BASDFA#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 96KB FLASH 64LQFP In stock: 5477 pcs RFQ	 R5F212B7SNFA#X6 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 48KB FLASH 64LQFP In stock: 24245 pcs RFQ
 R5F212B7SNLG#U0 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 48KB FLASH 64TFLGA In stock: 5551 pcs RFQ	 R5F212BASNFA#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 96KB FLASH 64LQFP In stock: 14230 pcs RFQ
 R5F212B8SDFA#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 64KB FLASH 64LQFP In stock: 10815 pcs RFQ	 R5F212BASDFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 96KB FLASH 64LQFP In stock: 12548 pcs RFQ
 R5F212B8SDFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 64KB FLASH 64LFQFP In stock: 19855 pcs RFQ	 R5F212B8SNFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 64KB FLASH 64LFQFP In stock: 6963 pcs RFQ
 R5F212B7SNLG#W4 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 48KB FLASH 64TFLGA In stock: 4442 pcs RFQ	 R5F212B7SNFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 48KB FLASH 64LFQFP In stock: 14128 pcs RFQ
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