




Renesas Electronics America

R5F212D8SDFP#V2

Part Number:	R5F212D8SDFP#V2
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 16BIT 64KB FLASH 80LQFP
Datasheets:	1.R5F212D8SDFP#V2.pdf 2.R5F212D8SDFP#V2.pdf
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.


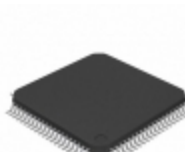


Specifications of R5F212D8SDFP#V2

PART NUMBER	R5F212D8SDFP#V2
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 64KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.R5F212D8SDFP#V2.pdf 2.R5F212D8SDFP#V2.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	20MHz
SERIES	R8C/2x/2D
RAM SIZE	3K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	POR, PWM, Voltage Detect, WDT
PACKAGING	Tray
PACKAGE / CASE	80-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	71
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	R8C R8C/2x/2D Microcontroller IC 16-Bit 20MHz 64KB (64K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 20x10b; D/A 2x8b
CORE SIZE	16-Bit
CORE PROCESSOR	R8C
CONNECTIVITY	I ² C, LINbus, SIO, SSU, UART/USART

Related Tags

Renesas Electronics America R5F212D8SDFP#V2	R5F212D8SDFP#V2 Distributor	R5F212D8SDFP#V2 Supplier
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 <p>R5F212CCSNFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 80LQFP In stock: Out stock</p> <p>RFQ</p>	 <p>R5F212DASNFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: 357 pcs</p> <p>RFQ</p>
 <p>R5F212DASDFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: Out stock</p> <p>RFQ</p>	 <p>R5F212E2DFP#U0 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 8KB FLASH 32LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>R5F212CCSDFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 80LQFP In stock: Out stock</p> <p>RFQ</p>	 <p>R5F212D7SNFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 48KB FLASH 80LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>R5F212CASNFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: Out stock</p> <p>RFQ</p>	 <p>R5F212D8SNFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 64KB FLASH 80LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>R5F212DCSDFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 80LQFP In stock: Out stock</p> <p>RFQ</p>	 <p>R5F212D7SDFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 48KB FLASH 80LQFP In stock: Out stock</p> <p>RFQ</p>
 <p>R5F212DCSNFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 80LQFP In stock: Out stock</p> <p>RFQ</p>	 <p>R5F212CASDFP#V2 Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 96KB FLASH 80LQFP In stock: Out stock</p> <p>RFQ</p>