



Image may be representation. See specifications for product details.

R5F212E4NFP#U0

Part Number:	R5F212E4NFP#U0
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 16BIT 16KB FLASH 32LQFP
Datasheets:	1.R5F212E4NFP#U0.pdf
	2.R5F212E4NFP#U0.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	3844 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of R5F212E4NFP#U0

PART NUMBER	R5F212E4NFP#U0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 16KB FLASH 32LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3844 pcs
DATA SHEET	1.R5F212E4NFP#U0.pdf
	2.R5F212E4NFP#U0.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	32-LQFP (7x7)
SPEED	20MHz
SERIES	R8C/2x/2E
RAM SIZE	1K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	POR, PWM, Voltage Detect, WDT
PACKAGING	Tray
PACKAGE / CASE	32-LQFP
OTHER NAMES	R5F212E4NFP#V0 R5F212E4NFP#V0-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-20°C ~ 85°C (TA)
NUMBER OF I/O	25
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	R8C R8C/2x/2E Microcontroller IC 16-Bit 20MHz 16KB (16K x 8) FLASH 32-LQFP (7x7)
DATA CONVERTERS	A/D 12x10b; D/A 2x8b
CORE SIZE	16-Bit
CORE PROCESSOR	R8C
CONNECTIVITY	LINbus, SIO, UART/USART
BASE PART NUMBER	R5F212E

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