

R5F21356CNFP#X6



Part Number: [R5F21356CNFP#X6](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 32KB FLASH 52LQFP

Data sheet:  [R8C/35C Hardware Manual](#)
 [R8C/35C Group Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	R5F21356CNFP#X6	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 32KB FLASH 52LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5116 pcs	Data sheet	R8C/35C Hardware Manual R8C/35C Group Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	52-LQFP (10x10)	Speed	20MHz
Series	R8C/3x/35C	RAM Size	2.5K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	POR, PWM, Voltage Detect, WDT	Packaging	Tape & Reel (TR)
Package / Case	52-LQFP	Oscillator Type	Internal
Operating Temperature	-20°C ~ 85°C (TA)	Number of I/O	47
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	4K x 8	Detailed Description	R8C R8C/3x/35C Microcontroller IC 16-Bit 20MHz 32KB (32K x 8) FLASH 52-LQFP (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	R5F21356		
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