

Renesas Electronics America

## R5F2L387ANFP#U1

Part Number:	R5F2L387ANFP#U1
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 16BIT 48KB FLASH 80LQFP
Datasheets:	<a href="#">R5F2L387ANFP#U1.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	12183 pcs stock
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 R5F2L387ANFP#U1

PART NUMBER	R5F2L387ANFP#U1
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 48KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12183 pcs
DATA SHEET	<a href="#">R5F2L387ANFP#U1.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	20MHz
SERIES	R8C/Lx/38A
RAM SIZE	6K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	48KB (48K x 8)
PERIPHERALS	LCD, POR, PWM, Voltage Detect, WDT
PACKAGING	Tray
PACKAGE / CASE	80-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-20°C ~ 85°C (TA)
NUMBER OF I/O	68
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	R8C R8C/Lx/38A Microcontroller IC 16-Bit 20MHz 48KB (48K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 16x10b; D/A 2x8b
CORE SIZE	16-Bit
CORE PROCESSOR	R8C
CONNECTIVITY	I <sup>2</sup> C, LINbus, SIO, SSU, UART/USART
BASE PART NUMBER	R5F2L387

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<p><b>R5F2L368CDFP#V2</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 64KB FLASH 64LQFP In stock: 12781 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>R5F2L368CDFP#30</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 64KB FLASH 64LQFP In stock: 18154 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>R5F2L387CNFA#V1</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 48KB FLASH 80LQFP In stock: 4955 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>R5F2L387CDFA#V0</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 48KB FLASH 80LQFP In stock: 17553 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>R5F2L368CNFP#31</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 64KB FLASH 64LQFP In stock: 4483 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>R5F2L368CNFA#31</b> Manufacturers: Renesas Electronics America Description: IC MCU 16BIT 128KB FLASH 64LQFP In stock: 2705 pcs</p> <p><a href="#">RFQ</a></p>
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