



Renesas Electronics America



R5F2L387CDFA#V1

Part Number:R5F2L387CDFA#V1

Manufacturer/Brand:Renesas Electronics America

Product descriptionIC MCU 16BIT 48KB FLASH 80LQFP

Datasheets:

1.R5F2L387CDFA#V1.pdf

2.R5F2L387CDFA#V1.pdf

RoHs Status

Lead free / RoHS Compliant

Stock Condition4711 pcs stock

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of R5F2L387CDFA#V1

PART NUMBER	R5F2L387CDFA#V1
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 16BIT 48KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4711 pcs
DATA SHEET	1.R5F2L387CDFA#V1.pdf 2.R5F2L387CDFA#V1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-LQFP (14x14)
SPEED	20MHz
SERIES	R8C/Lx/38C
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	-40°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/38C Microcontroller IC 16-Bit 20MHz 48KB (48K x 8) FLASH 80-LQFP (14x14)
DATA CONVERTERS	A/D 16x10b; D/A 2x8b
CORE SIZE	16-Bit
CORE PROCESSOR	R8C
CONNECTIVITY	I²C, LINbus, SIO, SSU, UART/USART
BASE PART NUMBER	R5F2L387

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