

R5F100FDDFP#50



Part Number: [R5F100FDDFP#50](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 48KB FLASH 44LQFP

Data sheet:  [RL78/G13 Datasheet](#)
 [RL78/G13 Hardware Manual](#)
 [RL78 Brochure](#)

RoHs Status: Lead free / RoHS Compliant

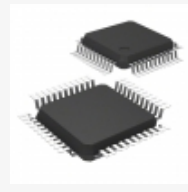
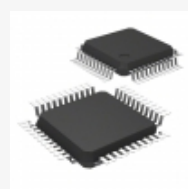
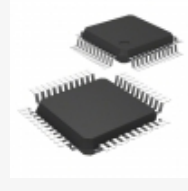
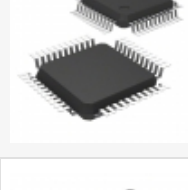
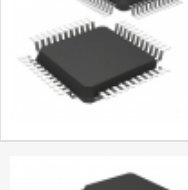
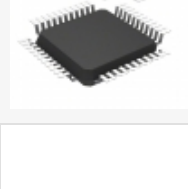
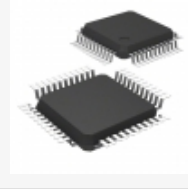
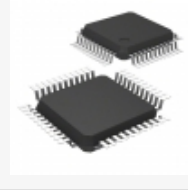
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	R5F100FDDFP#50	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 48KB FLASH 44LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5034 pcs	Data sheet	RL78/G13 Datasheet RL78/G13 Hardware Manual RL78 Brochure
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Supplier Device Package	44-LQFP (10x10)	Speed	32MHz
Series	RL78/G13	RAM Size	3K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (48K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	44-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	31
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 48KB (48K x 8) FLASH 44-LQFP (10x10)
Data Converters	A/D 10x8/10b	Core Size	16-Bit
Core Processor	RL78	Connectivity	CSI, I ² C, LINbus, UART/USART
Base Part Number	R5F100		
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	Part#: R5F100FCAFP#X0 Description: IC MCU 16BIT 32KB FLASH 44LQFP	Manufacturers: Renesas Electronics America	RFQ
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