

R5F100MLAFB#X0



Part Number: [R5F100MLAFB#X0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 512KB FLASH 80LQFP

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

RoHs Status: Lead free / RoHS Compliant

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	R5F100MLAFB#X0	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 512KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	27111 pcs	Data sheet	RL78/G13 Datasheet RL78/G13 Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Supplier Device Package	80-LQFP (12x12)	Speed	32MHz
Series	RL78/G13	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	80-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	64
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	RL78 RL78/G13 Microcontroller IC 16-Bit 32MHz 512KB (512K x 8) FLASH 80-LQFP (12x12)
Data Converters	A/D 17x8/10b	Core Size	16-Bit
Core Processor	RL78	Connectivity	CSI, I ² C, LINbus, UART/USART
Base Part Number	R5F100		
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Description: RL78/G13 384KB/24KB+8KB 80QFP -4			
	Part#: R5F100MJAFB#50	Manufacturers: Renesas Electronics America	RFQ
Description: IC MCU 16BIT 80LQFP			
	Part#: R5F100MKDFA#V0	Manufacturers: Renesas Electronics America	RFQ
Description: RL78/G13 384KB/24KB+8KB 80QFP -4			
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