

R5F100GCAFB#X0



Part Number: [R5F100GCAFB#X0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 32KB FLASH 48LFQFP

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

RoHs Status: Lead free / RoHS Compliant

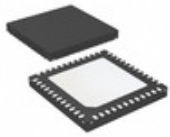
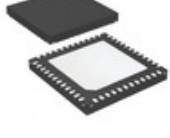
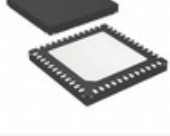
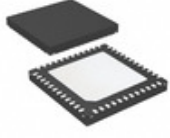
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PRODUCT PARAMETER			
Part Number	R5F100GCAFB#X0	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 32KB FLASH 48LFQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	78499 pcs	Data sheet	RL78/G13 Datasheet RL78/G13 Hardware Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Supplier Device Package	48-LFQFP (7x7)	Speed	32MHz
Series	RL78/G13	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-LQFP	Other Names	R5F100GCAFB#X0-ND R5F100GCAFB#X0TR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	34	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 32KB (32K x 8) FLASH 48-LFQFP (7x7)	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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