

R5F100CDALA#U0



Part Number: [R5F100CDALA#U0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 48KB FLASH 36WFLGA

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

RoHs Status: Lead free / RoHS Compliant

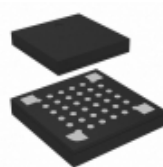
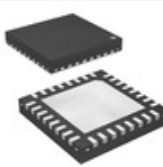
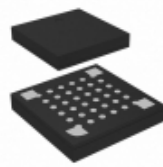
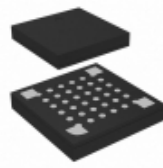
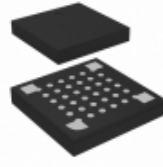
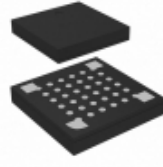
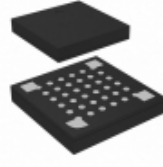
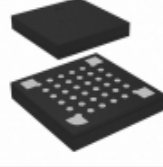
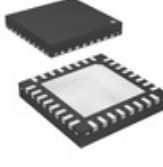
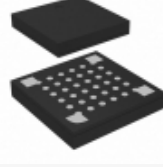
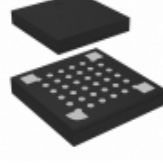
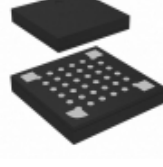
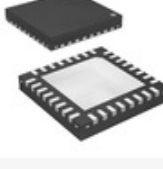
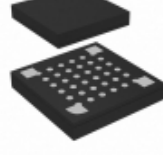
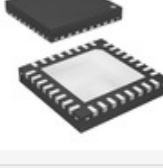
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	R5F100CDALA#U0	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 48KB FLASH 36WFLGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	48852 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	36-WFLGA (4x4)	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	Tray
Package / Case	36-WFLGA	Other Names	R5F100CDALAU0
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	26	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 36-WFLGA (4x4)	Data Converters	A/D 8x8/10b
Core Size	16-Bit	Core Processor	RL78
Connectivity	CSI, I ² C, LINbus, UART/USART	Base Part Number	R5F100
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	Part#: R5F100EAANA#U0 Description: IC MCU 16BIT 16KB FLASH 40HWQFN	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100CEALA#U0 Description: IC MCU 16BIT 64KB FLASH 36WFLGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100CAALA#U0 Description: IC MCU 16BIT 16KB FLASH 36WFLGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100EAANA#W0 Description: IC MCU 16BIT 16KB FLASH 40HWQFN	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100CFALA#U0 Description: IC MCU 16BIT 96KB FLASH 36WFLGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100CEALA#W0 Description: IC MCU 16BIT 64KB FLASH 36LGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100CAALA#W0 Description: IC MCU 16BIT 16KB FLASH 36WFLGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100CGALA#W0 Description: IC MCU 16BIT 128KB FLASH 36LGA	Manufacturers: Renesas Electronics America	RFQ
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	Part#: R5F100CCALA#U0 Description: IC MCU 16BIT 32KB FLASH 36WFLGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100CFALA#W0 Description: IC MCU 16BIT 96KB FLASH 36LGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100BFGNA#U0 Description: RL78/G13 96KB/8KB+8KB 32QFN -40_	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100CDALA#W0 Description: IC MCU 16BIT 48KB FLASH 36LGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100BGANA#U0 Description: IC MCU 16BIT 128KB FLASH 32HWQFN	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100CCALA#W0 Description: IC MCU 16BIT 32KB FLASH 36LGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100EADNA#U0 Description: IC MCU 16BIT 16KB FLASH 40HWQFN	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100BFDNA#U0 Description: IC MCU 16BIT 96KB FLASH 32HWQFN	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F100BGANA#W0 Description: IC MCU 16BIT 128KB FLASH 32HWQFN	Manufacturers: Renesas Electronics America	RFQ

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