

R5F102A8DSP#X0



Part Number: [R5F102A8DSP#X0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 8KB FLASH 30LSSOP

Data sheet:  [RL78/G12 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

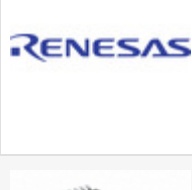
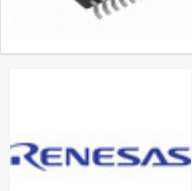
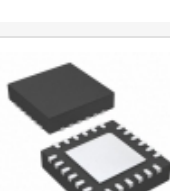
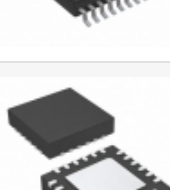
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PRODUCT PARAMETER			
Part Number	R5F102A8DSP#X0	Manufacturer	Renesas Electronics America
Description	IC MCU 16BIT 8KB FLASH 30LSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	79193 pcs	Data sheet	RL78/G12 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	30-LSSOP	Speed	24MHz
Series	RL78/G12	RAM Size	768 x 8
Program Memory Type	FLASH	Program Memory Size	8KB (8K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	30-LSSOP (0.240", 6.10mm Width)	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	2K x 8	Detailed Description	RL78 RL78/G12 Microcontroller IC 16-Bit 24MHz 8KB (8K x 8) FLASH 30-LSSOP
Data Converters	A/D 8x8/10b	Core Size	16-Bit
Core Processor	RL78	Connectivity	CSI, I ² C, UART/USART
Base Part Number	R5F102A		
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	Part#: R5F102A8DSP#V0 Description: IC MCU 16BIT 8KB FLASH 30LSSOP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F102A9DSP#X0 Description: IC MCU 16BIT 12KB FLASH 30LSSOP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F102A7GSP#V0 Description: RL78/G12 4K+2K 30SSP -40 TO +105	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F102A8ASP#V0 Description: IC MCU 16BIT 8KB FLASH 30LSSOP	Manufacturers: Renesas Electronics America	RFQ
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	Part#: R5F102AADSP#X0 Description: IC MCU 16BIT 16KB FLASH 30LSSOP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F102A7DSP#X0 Description: IC MCU 16BIT 4KB FLASH 30LSSOP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F102A9GSP#V0 Description: RL78/G12 12KB/1KB+2KB 30SSOP -40	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F1027AGNA#U5 Description: IC MCU 16BIT 16KB FLASH 24HWQFN	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F102AAASP#X0 Description: IC MCU 16BIT 16KB FLASH 30LSSOP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F102A7ASP#X0 Description: IC MCU 16BIT 4KB FLASH 30LSSOP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R5F1027AGNA#W5 Description: IC MCU 16BIT 16KB FLASH 24HWQFN	Manufacturers: Renesas Electronics America	RFQ
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