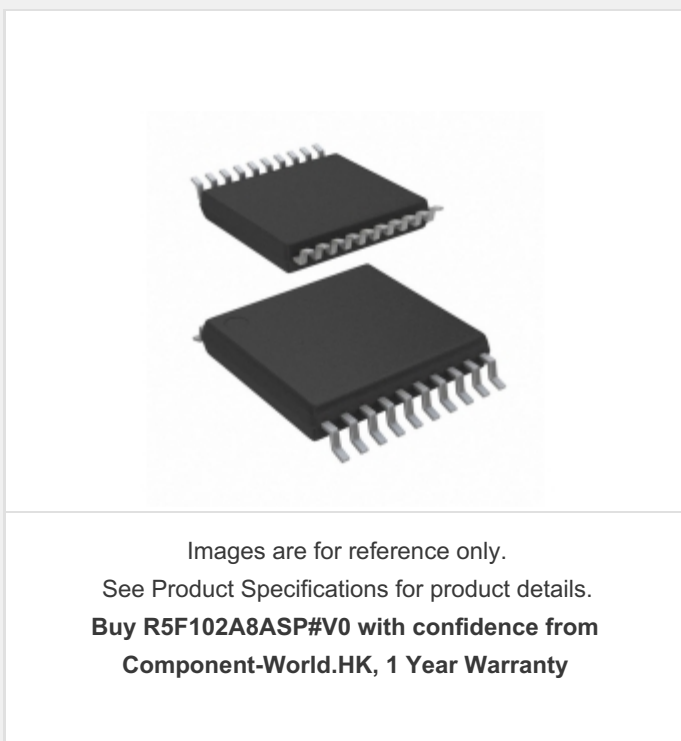


## R5F102A8ASP#V0



**Part Number:** [R5F102A8ASP#V0](#)  
**Manufacturer:** [Renesas Electronics America](#)  
**Description:** IC MCU 16BIT 8KB FLASH 30LSSOP  
**Data sheet:** [RL78/G12 Hardware Manual](#)  
[RL78/G12 Datasheet](#)  
[RL78 Brochure](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	R5F102A8ASP#V0	Manufacturer	<a href="#">Renesas Electronics America</a>
Description	IC MCU 16BIT 8KB FLASH 30LSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	79603 pcs	Data sheet	<a href="#">RL78/G12 Hardware Manual</a> <a href="#">RL78/G12 Datasheet</a> <a href="#">RL78 Brochure</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	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	Tray
Package / Case	30-LSSOP (0.240", 6.10mm Width)	Other Names	R5F102A8ASPV0
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	26	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	24 Weeks	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 <sup>2</sup> C, UART/USART
Base Part Number	R5F102A		

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	Part#: <a href="#">R5F102A7ASP#V0</a> Description: IC MCU 16BIT 4KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F1027ADNA#W0</a> Description: IC MCU 16BIT 16KB FLASH 24HWQFN	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A7DSP#X0</a> Description: IC MCU 16BIT 4KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A9ASP#X0</a> Description: IC MCU 16BIT 12KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F1027ADNA#U0</a> Description: IC MCU 16BIT 16KB FLASH 24HWQFN	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A8DSP#V0</a> Description: IC MCU 16BIT 8KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A9GSP#V0</a> Description: RL78/G12 12KB/1KB+2KB 30SSOP -40	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A9ASP#V0</a> Description: IC MCU 16BIT 12KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A7DSP#V0</a> Description: IC MCU 16BIT 4KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A7GSP#V0</a> Description: RL78/G12 4K+2K 30SSP -40 TO +105	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A9DSP#X0</a> Description: IC MCU 16BIT 12KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A9DSP#V0</a> Description: IC MCU 16BIT 12KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F1027AGNA#W5</a> Description: IC MCU 16BIT 16KB FLASH 24HWQFN	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A8DSP#X0</a> Description: IC MCU 16BIT 8KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A8ASP#X0</a> Description: IC MCU 16BIT 8KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">R5F102AAASP#V0</a> Description: IC MCU 16BIT 16KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F1027AANA#W5</a> Description: IC MCU 16BIT 16KB FLASH 24HWQFN	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F102A8GSP#V0</a> Description: IC MCU 16BIT 8KB FLASH 30LSSOP	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>
	Part#: <a href="#">R5F1027AGNA#U5</a> Description: IC MCU 16BIT 16KB FLASH 24HWQFN	Manufacturers: <a href="#">Renesas Electronics America</a>	<a href="#">RFQ</a>

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