



### R5F104LEAFA#V0

Part Number: **R5F104LEAFA#V0**  
 Product Description: IC MCU 16BIT 64KB FLASH 64LQFP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [1.R5F104LEAFA#V0.pdf](#)  
[2.R5F104LEAFA#V0.pdf](#)  
[3.R5F104LEAFA#V0.pdf](#)

Manufacturer/Brand: Renesas Electronics America  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	R5F104LEAFA#V0	<b>Manufacturer</b>	Renesas Electronics America
<b>Description</b>	IC MCU 16BIT 64KB FLASH 64LQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	1.R5F104LEAFA#V0.pdf2.R5F104LEAFA#V0.pdf3.R5F104LEAFA#V0.pdf		
<b>Voltage - Supply (Vcc/Vdd)</b>	1.6 V ~ 5.5 V	<b>Supplier Device Package</b>	64-LQFP (12x12)
<b>Speed</b>	32MHz	<b>Series</b>	RL78/G14
<b>RAM Size</b>	5.5K x 8	<b>Program Memory Type</b>	FLASH
<b>Program Memory Size</b>	64KB (64K x 8)	<b>Peripherals</b>	DMA, LVD, POR, PWM, WDT
<b>Packaging</b>	Tray	<b>Package / Case</b>	64-LQFP
<b>Other Names</b>	R5F104LEAFV0	<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)	<b>Number of I/O</b>	48
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Manufacturer Standard Lead Time</b>	24 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>EEPROM Size</b>	4K x 8
<b>Detailed Description</b>	RL78 RL78/G14 Microcontroller IC 16-Bit 32MHz 64KB (64K x 8) FLASH 64-LQFP (12x12)	<b>Data Converters</b>	A/D 12x8/10b
<b>Core Size</b>	16-Bit	<b>Core Processor</b>	RL78
<b>Connectivity</b>	CSI, I <sup>2</sup> C, LINbus, UART/USART	<b>Base Part Number</b>	R5F104

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