



### **R5F104JEGFA#V0 Information**

Heisener.com

Part Number R5F104JEGFA#V0

Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Embedded Wherocon

**Description** IC MCU 16BIT **Package** 52-LQFP

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
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# **R5F104JEGFA#V0 Specifications**

Manufacturer Part Number         R\$F104JEGFA#V0           Manufacturer         Renesas Electronics America           Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         \$2-LQFP           Series         RL78/G14           Core Processor         RL78           Core Size         16-Bit           Speed         32MHz           Connectivity         CSI, PC, LINbus, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         38           Program Memory Size         64KB (64K x 8)           Program Memory Type         FLASH           EEPROM Size         4K x 8           RAM Size         5.5K x 8           Voltage - Supply (Vcc/Vdd)         1.6 V ~ 5.5 V           Data Converters         A/D 12x8/10b           Oscillator Type         Internal           Operating Temperature         440°C ~ 105°C (TA)           Mounting Type         -           Package / Case         52-LQFP           Supplier Device Package         52-LQFP (10x10)	*	
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         52-LQFP           Scries         RL78/G14           Core Processor         RL78           Core Size         16-Bit           Speed         32MHz           Connectivity         CSI, PC, LINbus, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         38           Program Memory Size         64KB (64K x 8)           Program Memory Type         FLASH           EEPROM Size         4K x 8           RAM Size         5.5K x 8           Voltage - Supply (Vcc/Vdd)         1.6 V ~ 5.5 V           Data Converters         A/D 12x8/10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 105°C (TA)           Mounting Type         -           Package / Case         52-LQFP           Supplier Device Package         52-LQFP (10x10)	Manufacturer Part Number	R5F104JEGFA#V0
Package         52-LQFP           Series         RL78/G14           Core Processor         RL78           Core Size         16-Bit           Speed         32MHz           Connectivity         CSI, PC, LINbus, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         38           Program Memory Size         64KB (64K x 8)           Program Memory Type         FLASH           EEPROM Size         4K x 8           RAM Size         5.5K x 8           Voltage - Supply (Vcc/Vdd)         1.6 V ~ 5.5 V           Data Converters         A/D 12x8/10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 105°C (TA)           Mounting Type         -           Package / Case         52-LQFP           Supplier Device Package         52-LQFP (10x10)	Manufacturer	Renesas Electronics America
Package         52-LQFP           Series         RL78/G14           Core Processor         RL78           Core Size         16-Bit           Speed         32MHz           Connectivity         CSI, PC, LINbus, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         38           Program Memory Size         64KB (64K x 8)           Program Memory Type         FLASH           EEPROM Size         4K x 8           RAM Size         5.5K x 8           Voltage - Supply (Vcc/Vdd)         1.6 V ~ 5.5 V           Data Converters         A/D 12x8/10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 105°C (TA)           Mounting Type         -           Package / Case         52-LQFP           Supplier Device Package         52-LQFP (10x10)	Category	Integrated Circuits (ICs)
Series         RL78/G14           Core Processor         RL78           Core Size         16-Bit           Speed         32MHz           Connectivity         CSI, PC, LINbus, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         38           Program Memory Size         64KB (64K x 8)           Program Memory Type         FLASH           EEPROM Size         4K x 8           RAM Size         5.5K x 8           Voltage - Supply (Vcc/Vdd)         1.6 V ~ 5.5 V           Data Converters         A/D 12x8/10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 105°C (TA)           Mounting Type         -           Package / Case         52-LQFP           Supplier Device Package         52-LQFP (10x10)		Embedded - Microcontrollers
Core Processor         RL78           Core Size         16-Bit           Speed         32MHz           Connectivity         CSI, PC, LINbus, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         38           Program Memory Size         64KB (64K x 8)           Program Memory Type         FLASH           EEPROM Size         4K x 8           RAM Size         5.5K x 8           Voltage - Supply (Vcc/Vdd)         1.6 V ~ 5.5 V           Data Converters         A/D 12x8/10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 105°C (TA)           Mounting Type         -           Package / Case         52-LQFP           Supplier Device Package         52-LQFP (10x10)	Package	52-LQFP
Core Size         16-Bit           Speed         32MHz           Connectivity         CSI, PC, LINbus, UART/USART           Peripherals         DMA, LVD, POR, PWM, WDT           Number of I/O         38           Program Memory Size         64KB (64K x 8)           Program Memory Type         FLASH           EEPROM Size         4K x 8           RAM Size         5.5K x 8           Voltage - Supply (Vcc/Vdd)         1.6 V ~ 5.5 V           Data Converters         A/D 12x8/10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 105°C (TA)           Mounting Type         -           Package / Case         52-LQFP           Supplier Device Package         52-LQFP (10x10)	Series	RL78/G14
Speed32MHzConnectivityCSI, I°C, LINbus, UART/USARTPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O38Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size4K x 8RAM Size5.5K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Core Processor	RL78
Connectivity  CSI, PC, LINbus, UART/USART  Peripherals  DMA, LVD, POR, PWM, WDT  Number of I/O  38  Program Memory Size  64KB (64K x 8)  Program Memory Type  FLASH  EEPROM Size  4K x 8  RAM Size  Voltage - Supply (Vcc/Vdd)  1.6 V ~ 5.5 V  Data Converters  A/D 12x8/10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 105°C (TA)  Mounting Type  Package / Case  S2-LQFP  Supplier Device Package  52-LQFP (10x10)	Core Size	16-Bit
Peripherals  DMA, LVD, POR, PWM, WDT  Number of I/O  38  Program Memory Size  64KB (64K x 8)  Program Memory Type  FLASH  EEPROM Size  4K x 8  RAM Size  5.5K x 8  Voltage - Supply (Vcc/Vdd)  Data Converters  A/D 12x8/10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 105°C (TA)  Mounting Type  - Package / Case  Supplier Device Package  52-LQFP (10x10)	Speed	32MHz
Number of I/O Program Memory Size 64KB (64K x 8)  Program Memory Type FLASH EEPROM Size 4K x 8  RAM Size 5.5K x 8  Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V  Data Converters A/D 12x8/10b  Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA)  Mounting Type - Package / Case Supplier Device Package 52-LQFP (10x10)	Connectivity	CSI, I <sup>2</sup> C, LINbus, UART/USART
Program Memory Size  FLASH  EEPROM Size  KAM Size  Voltage - Supply (Vcc/Vdd)  Data Converters  Operating Temperature  Poperature  Package / Case  Supplier Device Package  64KB (64K x 8)  FLASH  FLASH  4K x 8  4K x 8  4K x 8  4K x 8  A/D 12x8/10b  1.6 V ~ 5.5 V  A/D 12x8/10b  1.6 V ~ 105°C (TA)  Functional  -40°C ~ 105°C (TA)  52-LQFP  52-LQFP (10x10)	Peripherals	DMA, LVD, POR, PWM, WDT
Program Memory Type  EEPROM Size  4K x 8  RAM Size  5.5K x 8  Voltage - Supply (Vcc/Vdd)  1.6 V ~ 5.5 V  Data Converters  A/D 12x8/10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 105°C (TA)  Mounting Type  - Package / Case  52-LQFP  Supplier Device Package	Number of I/O	38
EEPROM Size 4K x 8  RAM Size 5.5K x 8  Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V  Data Converters A/D 12x8/10b  Oscillator Type Internal  Operating Temperature -40°C ~ 105°C (TA)  Mounting Type -  Package / Case 52-LQFP  Supplier Device Package 52-LQFP (10x10)	Program Memory Size	64KB (64K x 8)
RAM Size $5.5 \text{K} \times 8$ Voltage - Supply (Vcc/Vdd) $1.6 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $12x8/10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)Mounting Type-Package / Case $52\text{-LQFP}$ Supplier Device Package $52\text{-LQFP}$ ( $10x10$ )	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $1.6 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $12x8/10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)Mounting Type-Package / Case $52\text{-LQFP}$ Supplier Device Package $52\text{-LQFP}$ ( $10x10$ )	EEPROM Size	4K x 8
Data Converters  A/D 12x8/10b  Oscillator Type Internal  Operating Temperature  -40°C ~ 105°C (TA)  Mounting Type  - Package / Case  52-LQFP  Supplier Device Package  52-LQFP (10x10)	RAM Size	5.5K x 8
Oscillator Type  Internal  -40°C ~ 105°C (TA)  Mounting Type  - Package / Case  Supplier Device Package  Internal  -40°C ~ 105°C (TA)  - Supplier Device Package	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Operating Temperature -40°C ~ 105°C (TA)  Mounting Type - Package / Case 52-LQFP  Supplier Device Package 52-LQFP (10x10)	Data Converters	A/D 12x8/10b
Mounting Type - Package / Case 52-LQFP Supplier Device Package 52-LQFP (10x10)	Oscillator Type	Internal
Package / Case 52-LQFP Supplier Device Package 52-LQFP (10x10)	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package 52-LQFP (10x10)	Mounting Type	-
	Package / Case	52-LQFP
Report errors?	Supplier Device Package	52-LQFP (10x10)
		Report errors?

#### R5F104JEGFA#V0 Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## R5F104JEGFA#V0 Payment Methods



















### R5F104JEGFA#V0 Shipping Methods













If you have any question about R5F104JEGFA#V0, please do not hesitate to contact us!

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