

R5F104LFAFB#30

Quote

R5F104LFAFB#30 Information

Containance com	Part Number	R5F104LFAFB#30	
	Manufacturer	Renesas Electronics America	Call Block
	Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
	Description	IC MCU 16BIT 64LQFP	- 128÷6
	Package	64-LQFP	10.00
		For the pricing/inventory/lead time, please contact	E1726
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



R5F104LFAFB#30 Specifications

Manufacturer Renesas Electronics America Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 64-LQFP Series RL78/G14 Core Processor RL78 Core Size 16-Bit Speed 32MHz Connectivity CSI, PC, LINbus, UART/USART Porpara Memory Size 96KB (96K x 8) Program Memory Size 96KB (96K x 8) Program Memory Type FLASH EEPROM Size 8K x 8 Nubar Converters A/D 12x8/10b, D/A 2x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-LQFP		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-LQFPSeriesRL78/G14Core ProcessorRL78Core Size16-BitSpeed32MHzConnectivityCSI, PC, LINbus, UART/USARTPoripheralsDMA, LVD, POR, PWM, WDTNumber of I/O48Program Memory Size96KB (96K x 8)Program Memory TypeFLASHEEPROM Size3K x 8Nutage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersJO12x8/10b, D/A 2x8bOperating Temperature4.0°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (10x10)	Manufacturer Part Number	R5F104LFAFB#30
Embedded - MicrocontrollersPackage64-LQFPSeriesRL78/G14Core ProcessorRL78Core Size16-BitSpeed32MHzConnectivityCSI, PC, LINbus, UART/USARTPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O48Program Memory Size96KB (96K x 8)Program Memory TypeFLASHEEPROM Size8K x 8Nufsize12K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10b, D/A 2x8bOscillator Type-Porating Temperature-40°C ~ 85°C (TA)Mounting Type64-LQFPSupplier Device Package64-LQFP (10x10)	Manufacturer	Renesas Electronics America
Package64-LQFPSeriesRL78/G14Core ProcessorRL78Core Size16-BitSpeed32MHzConceitvityCSI, PC, LINbus, UART/USARTPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O48Program Memory Size96KB (96K x 8)PERPOM Size12K x 8RAM Size12K x 8Voltage - Supply (Vcc/Vdd)16 V - 5.5 VData ConvertersA/D 12x8/10b, D/A 2x8bOscillator Type-Package / Case44-QFPPackage / Case64-LQFPSupplier Device Package64-LQFPSupplier Device Package64-LQFP (10x10)	Category	Integrated Circuits (ICs)
SeriesRL78/G14Core ProcessorRL78Core Size16-BitSpeed32MHzConnectivityCSI, PC, LINbus, UART/USARTPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O48Program Memory Size96KB (96K x 8)Program Memory TypeFLASHEEPROM Size3K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10b, D/A 2x8bOscillator Type-Pretaring Temperature-Prokage / Case64-LQFPSupplier Device Package64-LQFP (10x10)		Embedded - Microcontrollers
Core ProcessorRL78Core Size16-BitSpeed32MHzConnectivityCSI, PC, LINbus, UART/USARTPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O48Program Memory Size96KB (96K x 8)Program Memory TypeFLASHEEPROM Size3K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10b, D/A 2x8bOscillator Type-Porating Temperature-Prokage / Case64-LQFPSupplier Device Package64-LQFP (10x10)	Package	64-LQFP
Core Size16-BitSpeed32MHzConnectivityCSI, PC, LINbus, UART/USARTPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O48Program Memory Size96KB (96K x 8)Program Memory TypeFLASHEEPROM Size8K x 8RAM Size12K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersAD 12x8/10b, D/A 2x8bOscillator Type-Querting Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFP (10x10)	Series	RL78/G14
Speed32MHzConnectivityCSI, PC, LINbus, UART/USARTPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O48Program Memory Size96KB (96K x 8)Program Memory TypeFLASHEEPROM Size8K x 8RAM Size12K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10b, D/A 2x8bOscillator Type-Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFP (10x10)	Core Processor	RL78
Connectivity CSI, PC, LINbus, UART/USART Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 48 Program Memory Size 96KB (96K x 8) Program Memory Type FLASH EEPROM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 12x8/10b, D/A 2x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 64-LQFP (10x10)	Core Size	16-Bit
Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 48 Program Memory Size 96KB (96K x 8) Program Memory Type FLASH EEPROM Size 8K x 8 RAM Size 12K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 12x8/10b, D/A 2x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-LQFP (10x10)	Speed	32MHz
Number of I/O 48 Program Memory Size 96KB (96K x 8) Program Memory Type FLASH EEPROM Size 8K x 8 RAM Size 12K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 12x8/10b, D/A 2x8b Oscillator Type -40°C ~ 85°C (TA) Package / Case 64-LQFP Supplier Device Package 64-LQFP (10x10)	Connectivity	CSI, I ² C, LINbus, UART/USART
Program Memory Size96KB (96K x 8)Program Memory TypeFLASHEEPROM Size8K x 8RAM Size12K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10b, D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFP (10x10)	Peripherals	DMA, LVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size8K x 8RAM Size12K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10b, D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFP (10x10)	Number of I/O	48
EEPROM Size8K x 8RAM Size12K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10b, D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (10x10)	Program Memory Size	96KB (96K x 8)
RAM Size12K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10b, D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (10x10)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10b, D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (10x10)	EEPROM Size	8K x 8
Data ConvertersA/D 12x8/10b, D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (10x10)	RAM Size	12K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (10x10)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (10x10)	Data Converters	A/D 12x8/10b, D/A 2x8b
Mounting Type-Package / Case64-LQFPSupplier Device Package64-LQFP (10x10)	Oscillator Type	Internal
Package / Case64-LQFPSupplier Device Package64-LQFP (10x10)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package64-LQFP (10x10)	Mounting Type	-
	Package / Case	64-LQFP
Report errors?	Supplier Device Package	64-LQFP (10x10)
		Report errors?

R5F104LFAFB#30 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 ELARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

R5F104LFAFB#30 Payment Methods



R5F104LFAFB#30 Shipping Methods



If you have any question about R5F104LFAFB#30, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com