



R5F100LFDFB#30 Information

Heisener.com

Part Number R5F100LFDFB#30

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 16BIT 64LQFP

Package 64-LQFP

For the pricing/inventory/lead time, please contact

us

For Reference Only

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R5F100LFDFB#30 Specifications

Manufacturer Part Number R\$F100LFDFB#30 Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-LQFP Series RL78/G13 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 48 Program Memory Size 96KB (96K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 8K 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 ~ 85°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package 64-LQFP (10x10)	•	
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Speed 32MHz Connectivity CSI, IPC, 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 - RAM Size 8K 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 ~ 85°C (TA) Mounting Type Package / Case 64-LQFP Supplier Device Package 64-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 - 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 ~ 85°C (TA) Mounting Type Package / Case Supplier Device Package 64-LQFP Supplier Device Package	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 - RAM Size 8K 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 ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 64-LQFP (10x10)	Speed	32MHz
Number of I/O Program Memory Size 96KB (96K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 8K 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 ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 64-LQFP (10x10)	Connectivity	CSI, I ² C, LINbus, UART/USART
Program Memory Size Program Memory Type FLASH EEPROM Size - RAM Size 8K 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 ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 64-LQFP (10x10)	Peripherals	DMA, LVD, POR, PWM, WDT
Program Memory Type EEPROM Size RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 12x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package	Number of I/O	48
EEPROM Size - RAM Size 8K 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 ~ 85°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package 64-LQFP (10x10)	Program Memory Size	96KB (96K x 8)
RAM Size $8K \times 8$ Voltage - Supply (Vcc/Vdd) $1.6 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 12x8/10b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package 64-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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 64-LQFP Supplier Device Package 64-LQFP ($10x10$)	EEPROM Size	-
Data Converters A/D 12x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package 64-LQFP (10x10)	RAM Size	8K x 8
Oscillator Type Internal -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package 64-LQFP (10x10)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package 64-LQFP (10x10)	Data Converters	A/D 12x8/10b
Mounting Type - Package / Case 64-LQFP Supplier Device Package 64-LQFP (10x10)	Oscillator Type	Internal
Package / Case 64-LQFP Supplier Device Package 64-LQFP (10x10)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 64-LQFP (10x10)	Mounting Type	-
	Package / Case	64-LQFP
Report errors?	Supplier Device Package	64-LQFP (10x10)
		Report errors?

R5F100LFDFB#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 Guarantees

We guarantee 100% customer satisfaction.

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

R5F100LFDFB#30 Payment Methods









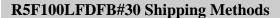
























If you have any question about R5F100LFDFB#30, please do not hesitate to contact us!

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