



R5F100JCDFA#V0 Information

Heisener.com

Part Number R5F100JCDFA#V0

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

IC MCU 16BIT

Package 52-LQFP

Description

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com



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R5F100JCDFA#V0 Specifications

Manufacturer Part Number R5F100/CDFA#V0 Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 52-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 38 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 4K x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 12x8/10b Oscillator Type Internal Operating Temperature 4.0°C ~ 85°C (TA) Mounting Type - Package / Case 52-LQFP Supplier Device Package 52-LQFP (10x10)	*		
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Core Processor RL78 Core Size 16-Bit Speed 32MHz Connectivity CSI, IºC, LINbus, UART/USART Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 38 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 4K x 8 RAM Size 2K 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 52-LQFP Supplier Device Package 52-LQFP (10x10)	Package	52-LQFP	
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Speed32MHzConnectivityCSI, PC, LINbus, UART/USARTPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O38Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size4K x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 12x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Core Processor	RL78	
Connectivity Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 38 Program Memory Size 32KB (32K 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 ~ 85°C (TA) Mounting Type Supplier Device Package 52-LQFP (10x10)	Core Size	16-Bit	
Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 38 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 4K x 8 RAM Size 2K 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 52-LQFP (10x10)	Speed	32MHz	
Number of I/O Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 4K x 8 RAM Size Voltage - Supply (Vcc/Vdd) Data Converters A/D 12x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case Supplier Device Package 52-LQFP (10x10)	Connectivity	CSI, I ² C, LINbus, UART/USART	
Program Memory Size 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 ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 52-LQFP (10x10)	Peripherals	DMA, LVD, POR, PWM, WDT	
Program Memory Type EEPROM Size 4K x 8 RAM Size 2K 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 52-LQFP Supplier Device Package	Number of I/O	38	
EEPROM Size 4K x 8 RAM Size 2K 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 52-LQFP Supplier Device Package 52-LQFP (10x10)	Program Memory Size	32KB (32K x 8)	
RAM Size $2K \times 8$ Voltage - Supply (Vcc/Vdd) $1.6 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 12x8/10b$ Oscillator Type Internal $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$ Mounting Type $-$ Package / Case 52-LQFP Supplier Device Package	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 52-LQFP Supplier Device Package 52-LQFP ($10x10$)	EEPROM Size	4K x 8	
Data Converters A/D 12x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 52-LQFP Supplier Device Package 52-LQFP (10x10)	RAM Size	2K x 8	
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 52-LQFP Supplier Device Package 52-LQFP (10x10)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V	
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 52-LQFP Supplier Device Package 52-LQFP (10x10)	Data Converters	A/D 12x8/10b	
Mounting Type-Package / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Oscillator Type	Internal	
Package / Case 52-LQFP Supplier Device Package 52-LQFP (10x10)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package 52-LQFP (10x10)	Mounting Type	-	
	Package / Case	52-LQFP	
Report errors?	Supplier Device Package	52-LQFP (10x10)	
		Report error	ors?

R5F100JCDFA#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.

R5F100JCDFA#V0 Payment Methods





















R5F100JCDFA#V0 Shipping Methods













If you have any question about R5F100JCDFA#V0, please do not hesitate to contact us!

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