



R5F100PJAFB#50 Information

Heisener.com

Part Number R5F100PJAFB#50

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 16BIT 256KB FLASH 100LQFP

Package 100-LQFP

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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R5F100PJAFB#50 Specifications

Manufacturer Part Number R\$F100PJAFB#50 Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 100-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 82 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 20K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 20x8/10b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	•	
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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 82 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 20K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 20x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	Package	100-LQFP
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Speed32MHzConnectivityCSI, PC, LINbus, UART/USARTPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O82Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size20K x 8Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 20x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14)	Core Processor	RL78
Connectivity Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 82 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) Data Converters A/D 20x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Supplier Device Package CSI, PC, LINbus, UART/USART DMA, LVD, POR, PWM, WDT 82 LACH CONDENS COND	Core Size	16-Bit
Peripherals Number of I/O 82 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 20K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 20x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 100-LQFP (14x14)	Speed	32MHz
Number of I/O Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 20K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 20x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 100-LQFP (14x14)	Connectivity	CSI, I ² C, LINbus, UART/USART
Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - 20K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 20x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	Peripherals	DMA, LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 20K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 20x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	Number of I/O	82
EEPROM Size - 20K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 20x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	Program Memory Size	256KB (256K x 8)
RAM Size 20K x 8 Voltage - Supply (Vcc/Vdd) 1.6 V ~ 5.5 V Data Converters A/D 20x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.6 V ~ 5.5 VData ConvertersA/D 20x8/10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-LQFPSupplier Device Package100-LQFP (14x14)	EEPROM Size	-
Data Converters A/D 20x8/10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	RAM Size	20K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	Data Converters	A/D 20x8/10b
Mounting Type - Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	Oscillator Type	Internal
Package / Case 100-LQFP Supplier Device Package 100-LQFP (14x14)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 100-LQFP (14x14)	Mounting Type	-
	Package / Case	100-LQFP
Report errors?	Supplier Device Package	100-LQFP (14x14)
		Report errors?

R5F100PJAFB#50 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.

R5F100PJAFB#50 Payment Methods





















R5F100PJAFB#50 Shipping Methods













If you have any question about R5F100PJAFB#50, please do not hesitate to contact us!

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