

R5F2LA88ADFP#V0

R5F2LA88ADFP#V0 Information

www.helsener.com	 R5F2LA88ADFP#V0 Renesas Electronics America Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 16BIT 64KB FLASH 80LQFP 80-LQFP For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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R5F2LA88ADFP#V0 Specifications

Manufacturer Part Number RSF2LA88ADFP#V0 Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 80-LQFP Series R8C/Lx/A8A Core Processor R8C Core Size 16-Bit Speed 20MHz Concencivity PC, LINbus, SIO, SSU, UART/USART Peripherals LCD, POR, PWM, Voltage Detect, WDT Number of I/O 72 Program Memory Size 64KB (64K x 8) RAM Size 35K x 8 Voltage - Supply (Vcc/Vdd) 18 V ~ 5.5 V Data Converters AD12x10b Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage80-LQFPSeriesR8C/LX/A8ACore ProcessorR8CCore Size16-BitSpeed20MHzConnectivityPC, LINbus, SIO, SSU, UART/USARTNumber of I/O72Program Memory Size64KB (64K x 8)FPROM Size3.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VNuther of Type1.8 V ~ 5.5 VPorting Type1.4 CurcuitsOrder type1.8 V ~ 5.5 VData ConvertersA/D 12x10bOperating Type-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP (12x12)	Manufacturer Part Number	R5F2LA88ADFP#V0
Indeded-MicrocontrollersPackage80-LQFPSeriesR8C/Lx/A8ACore ProcessorR8CCore Size16-BitSpeed20MHzConnectivityPC, LINbus, SIO, SSU, UART/USARTPeripheralsCCD, POR, PWM, Voltage Detect, WDTNumber of I/O72Program Memory Size64KB (64K x 8)PEPROM Size5KX 8Voltage - Supply (Vcc/Vdd)18 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)18 V ~ 5.5 VData ConvertersADD 12x10bOperating Temperature4.0°C ~ 85°C (TA)Mouting Type5.1 LEPROAdving Type6.1 LEPROSize (Case)8.0 LEPROMouting Type.Program Size (Case)8.0 LEPROMouting Type.Mouting Type.Size (Case)8.0 LEPROMouting Type.Mouting Type.Mouting Type.Mouting Type.Mouting Type.Mouting Type.Mouting Type.Mouting Type.Mouting Type.Mouting Type </td <td>Manufacturer</td> <td>Renesas Electronics America</td>	Manufacturer	Renesas Electronics America
Package80-LQFPSeriesR8C/Lx/A8ACore ProcessorR8CCore Size16-BitSpeed20MHzConectivityPC, LINbus, SIO, SSU, UART/USARTPoripheralsLCD, POR, PWM, Voltage Detect, WDTNumber of I/O72Porgram Memory Size64KB (64K x 8)FEPROM Size2K x 8RAM Size3.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 12x10bOperating Temperature4.0°C ~ 85°C (TA)Mounting Type5.1 LEPRAuge / Case80-LQFP (12x12)	Category	Integrated Circuits (ICs)
SeriesRSC/Lx/A8ACore ProcessorR8CCore Size16-BitSpeed20MHzConnectivityPC, LINbus, SIO, SSU, UART/USARTPeripheralsLCD, POR, PWM, Voltage Detect, WDTNumber of I/O72Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size3.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 12x10bOperating Temperature4.0°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP (12x12)		Embedded - Microcontrollers
Core ProcessorR8CCore Size16-BitSpeed20MHzConnectivityPC, LINbus, SIO, SSU, UART/USARTConnectivityCD, POR, PWM, Voltage Detect, WDTPreipheralsLD, POR, PWM, Voltage Detect, WDTNumber of I/O7Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size35K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersJob 12x10bOscillator Type-Operating Temperature-Mounting Type-Package / Case80-LQFP (12x12)	Package	80-LQFP
Core Size16-BitSpeed20MHzConnectivityFC, LINbus, SIO, SSU, UART/USARTPeripheralsLCD, POR, PWM, Voltage Detect, WDTNumber of I/O72Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size35K x 8RAM Size3.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersAID 12x10bOperating Temperature4.0°C ~ 85°C (TA)Mounting Type6.1 LEPROMAppler Davice Package80-LQFP (12x12)	Series	R8C/Lx/A8A
Speed20MHzConnectivityPC, LINbus, SIO, SSU, UART/USARTPeripheralsLCD, POR, PWM, Voltage Detect, WDTNumber of I/O72Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size2K x 8RAM Size3.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersAD1 2x10bOscillator Type-40°C ~ 85°C (TA)Mounting Type6.Package / Case80-LQFP (12x12)	Core Processor	R8C
Connectivity PC, LINbus, SIO, SSU, UART/USART Peripherals LCD, POR, PWM, Voltage Detect, WDT Number of I/O 72 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 12x10b Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP (12x12)	Core Size	16-Bit
PeripheralsLCD, POR, PWM, Voltage Detect, WDTNumber of I/O72Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size2K x 8RAM Size3.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 12x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP (12x12)	Speed	20MHz
Number of I/O72Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size2K x 8RAM Size3.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP (12x12)	Connectivity	I ² C, LINbus, SIO, SSU, UART/USART
Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size2K x 8RAM Size3.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP (12x12)	Peripherals	LCD, POR, PWM, Voltage Detect, WDT
Program Memory TypeFLASHEEPROM Size2K x 8RAM Size3.5K x 8Voltage - Supply (Vcc/Vd)1.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (12x12)	Number of I/O	72
EEPROM Size2K x 8RAM Size3.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (12x12)	Program Memory Size	64KB (64K x 8)
RAM Size3.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (12x12)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (12x12)	EEPROM Size	2K x 8
Data ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (12x12)	RAM Size	3.5K x 8
Oscillator TypeInternalOperating Temperature $40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (12x12)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (12x12)	Data Converters	A/D 12x10b
Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (12x12)	Oscillator Type	Internal
Package / Case80-LQFPSupplier Device Package80-LQFP (12x12)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package80-LQFP (12x12)	Mounting Type	-
	Package / Case	80-LQFP
Dependence of the second se	Supplier Device Package	80-LQFP (12x12)
Report errors?		Report errors

R5F2LA88ADFP#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.

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Service Guarantees

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

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