



R5F2M122ADSP#W4 Information



For Reference Only

Part NumberR5F2M122ADSP#W4ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Embedded - Microcontrollers

DescriptionIC MCU 16BIT 8KB FLASH 20LSSOP**Package**20-LSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



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R5F2M122ADSP#W4 Specifications

Manufacturer Part Number R5F2M122ADSP#W4 Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 20-LSSOP (0.173", 4.40mm Width) Series R8C/Mx/12A Core Processor R8C Core Size 16-Bit Speed 20MHz Connectivity UART/USART Peripherals POR, PWM, Voltage Detect, WDT Number of I/O 17 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package 20-LSSOP		
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Core Processor R8C Core Size 16-Bit Speed 20MHz Connectivity UART/USART Peripherals POR, PWM, Voltage Detect, WDT Number of I/O 17 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package 20-LSSOP	Package	20-LSSOP (0.173", 4.40mm Width)
Core Size Speed 20MHz Connectivity UART/USART Peripherals POR, PWM, Voltage Detect, WDT Number of I/O 17 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package	Series	R8C/Mx/12A
Speed Connectivity UART/USART Peripherals POR, PWM, Voltage Detect, WDT Number of I/O 17 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package	Core Processor	R8C
Connectivity Peripherals POR, PWM, Voltage Detect, WDT Number of I/O 17 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-LSSOP UART/USART POR, PWM, Voltage Detect, WDT IT IT IT IT IT IT IT IT IT	Core Size	16-Bit
Peripherals POR, PWM, Voltage Detect, WDT Number of I/O 17 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package	Speed	20MHz
Number of I/O 17 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package 20-LSSOP	Connectivity	UART/USART
Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package	Peripherals	POR, PWM, Voltage Detect, WDT
Program Memory Type EEPROM Size RAM Size Voltage - Supply (Vcc/Vdd) Data Converters Oscillator Type Internal Operating Temperature Package / Case Package / Case Supplier Device Package FLASH FLASH FLASH FLASH FLASH FLASH FLASH FLASH FLASH Internal A/D 6x 10b Internal -40°C ~ 85°C (TA) -40°C ~ 85°C (TA) -20-LSSOP (0.173", 4.40mm Width)	Number of I/O	17
EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V \sim 5.5 V Data Converters A/D 6 x10b Oscillator Type Internal Operating Temperature -40°C \sim 85°C (TA) Mounting Type - Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package	Program Memory Size	8KB (8K x 8)
RAM Size Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-LSSOP (0.173", 4.40mm Width)Supplier Device Package20-LSSOP	EEPROM Size	-
Data ConvertersA/D $6x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 20-LSSOP (0.173", 4.40mm Width)Supplier Device Package 20-LSSOP	RAM Size	512 x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package 20-LSSOP	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package 20-LSSOP	Data Converters	A/D 6x10b
Mounting Type - Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package 20-LSSOP	Oscillator Type	Internal
Package / Case 20-LSSOP (0.173", 4.40mm Width) Supplier Device Package 20-LSSOP	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package 20-LSSOP	Mounting Type	-
	Package / Case	20-LSSOP (0.173", 4.40mm Width)
	Supplier Device Package	20-LSSOP
Report errors?		Report errors?

R5F2M122ADSP#W4 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.

R5F2M122ADSP#W4 Payment Methods





















R5F2M122ADSP#W4 Shipping Methods













If you have any question about R5F2M122ADSP#W4, please do not hesitate to contact us!

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