

R5F562T7ADFF#V1

R5F562T7ADFF#V1 Information

www.helsener.com	 R5F562T7ADFF#V1 Renesas Electronics America Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 128KB 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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R5F562T7ADFF#V1 Specifications

Manufacturer Renesas Electronics America Manufacturer Renesas Electronics America Manufacturer Embedded - Microontrollers Package 80-LQFP Package 80-LQFP Series RX600 Core Processor RX Core Size 32-Bit Speed 100MHz Connectivity CAN, 12C, LIN, SCI, SPI Program Memory Size DMA, LVD, POR, PWM, WDT Number of I/O 44 Program Memory Type FLASH EEPROM Size - RAM Size SK x 8 Voltage - Supply (Vcc/Vdd) 4V ~ 5.5 V Data Converters A/D 4x10b, 8x12b Operating Temperature 40°C ~ 85°C (TA) Operating Temperature - Package / Case S0-LQFP		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage80-LQFPSeriesRX600Core ProcessorRXCore Size32-BitSpeed100MHzConnectivityCAN, 12C, LIN, SCI, SPIPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O44Program Memory Size128KB (128K x 8)PEPROM Size-RAM SizeSK x 8Voltage - Supply (Vcc/Vdd)4V ~ 5.5 VData ConvertersAD 4x10b, 8x12bOperating Temperature40°C ~ 85°C (TA)Munting Type-Package / CaseS0-LQFFSupplier Device PackageS0-LQFF (14x14)	Manufacturer Part Number	R5F562T7ADFF#V1
Embedded - Microcontrollers Package 80-LQFP Series RX600 Core Processor RX Core Size 32-Bit Speed 100MHz Connectivity CAN, 12C, LIN, SCI, SPI Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 44 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 4V ~ 5.5 V Data Converters A/D 4x10b, 8x12b Oscillator Type Internal Operating Temperature - Package / Case 80-LQFP Supplier Device Package 80-LQFP	Manufacturer	Renesas Electronics America
Package80-LQFPSeriesRX600Core ProcessorRXCore Size32-BitSpeed100MHzConnecivityCAN, 12C, LIN, SCI, SPIPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O44Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size3K x 8Voltage - Supply (Vcc/Vdd)4V ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOscillator Type-Package / Case80-LQFPSupplier Device Package80-LQFPSupplier Device Package80-LQFP (14x14)	Category	Integrated Circuits (ICs)
SerieRX600Core ProcessorRXCore Size32-BitSpeed100MHzConnectivityCAN, I2C, LIN, SCI, SPIPoripheralsDMA, LVD, POR, PWM, WDTNumber of I/O44Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)4V ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOperating Temperature-Prokage / Case80-LQFPSupplier Device Package80-LQFP (14x14)		Embedded - Microcontrollers
Core ProcessorRXCore Size32-BitSpeed100MHzConnectivityCAN, 12C, LIN, SCI, SPIPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O44Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)4V ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOperating Temperature-Ador C ~ 85°C (TA)-Package / Case80-LQFP (14x14)	Package	80-LQFP
Core Size32-BitSpeed100MHzConnectivityCAN, I2C, LIN, SCI, SPIPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O44Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)4V ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Series	RX600
Speed100MHzConnectivityCAN, 12C, LIN, SCI, SPIPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O44Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)4/ v ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP (14x14)	Core Processor	RX
Connectivity CAN, I2C, LIN, SCI, SPI Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 44 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 4V ~ 5.5 V Data Converters A/D 4x10b, 8x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP (14x14)	Core Size	32-Bit
PeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O44Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Speed	100MHz
Number of I/O 44 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 4 V ~ 5.5 V Data Converters A/D 4x10b, 8x12b Oscillator Type - Operating Temperature -40°C ~ 85°C (TA) Package / Case 80-LQFP (14x14)	Connectivity	CAN, I2C, LIN, SCI, SPI
Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP (14x14)	Peripherals	DMA, LVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP (14x14)	Number of I/O	44
EEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFP (14x14)	Program Memory Size	128KB (128K x 8)
RAM Size8K x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 4x10b, 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	EEPROM Size	-
Data ConvertersA/D 4x10b, 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	RAM Size	8K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Voltage - Supply (Vcc/Vdd)	4 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Data Converters	A/D 4x10b, 8x12b
Mounting Type-Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Oscillator Type	Internal
Package / Case80-LQFPSupplier Device Package80-LQFP (14x14)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package80-LQFP (14x14)	Mounting Type	-
	Package / Case	80-LQFP
Report errors?	Supplier Device Package	80-LQFP (14x14)
		Report errors?

R5F562T7ADFF#V1 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 EUARANTEE

Service Guarantees

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