



DF38124WWV Information



For Reference Only

Part Number DF38124WWV

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 32KB FLASH 80TQFP

Package 80-TQFP

For the pricing/inventory/lead time, please contact

us

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



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DF38124WWV Specifications

Manufacturer Part Number DF38124WWV Manufacturer Reneasa Electronics America Category Integrated Circuits (ICs) Berbedded - Microcontrollers Embedded - Microcontrollers Package 80-TQFP Series H87 H8/300L SLP Core Processor H8/300L Core Size 8-Bit Speed 10MHz Connectivity SCI Peripherals LCD, POR, PWM, WDT Number of I/O 50 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-TQFP Supplier Device Package 80-TQFP (12x12)	*	
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Speed10MHzConnectivitySCIPeripheralsLCD, POR, PWM, WDTNumber of I/O50Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Core Processor	H8/300L
Connectivity Peripherals LCD, POR, PWM, WDT Number of I/O 50 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case Supplier Device Package 80-TQFP Supplier Device Package	Core Size	8-Bit
Peripherals Number of I/O 50 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 80-TQFP Supplier Jevice Package	Speed	10MHz
Number of I/O50Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Connectivity	SCI
Program Memory Size Program Memory Type FLASH EEPROM Size RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case Supplier Device Package 80-TQFP (12x12)	Peripherals	LCD, POR, PWM, WDT
Program Memory Type EEPROM Size RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-TQFP Supplier Device Package	Number of I/O	50
EEPROM Size - IK x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-TQFP Supplier Device Package 80-TQFP (12x12)	Program Memory Size	32KB (32K x 8)
RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-TQFP Supplier Device Package 80-TQFP (12x12)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	EEPROM Size	-
Data ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	RAM Size	1K x 8
Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Data Converters	A/D 8x10b
Mounting Type Package / Case 80-TQFP Supplier Device Package 80-TQFP (12x12)	Oscillator Type	Internal
Package / Case 80-TQFP Supplier Device Package 80-TQFP (12x12)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 80-TQFP (12x12)	Mounting Type	-
	Package / Case	80-TQFP
	Supplier Device Package	80-TQFP (12x12)
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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.

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DF38124WWV Shipping Methods













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