



### **DF38344WWV Information**



For Reference Only

Part Number DF38344WWV

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 8BIT 32KB FLASH 100TQFP

Package 100-TQFF

For the pricing/inventory/lead time, please contact

us

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



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## **Certified Quality**

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## **DF38344WWV Specifications**

Manufacturer Part Number         DF38344WWV           Manufacturer         Renesas Electronics America           Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         100-TQFP           Series         H87 H8/300L SLP           Core Processor         H8/300L           Core Size         8-Bit           Speed         8MHz           Connectivity         SCI           Peripherals         LCD, PWM, WDT           Number of I/O         71           Program Memory Size         32KB (32K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         2K x 8           Voltage - Supply (Vcc/Vdd)         2.7 V ~ 5.5 V           Data Converters         A/D 12x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         100-TQFP           Supplier Device Package         100-TQFP (12x12)	1	
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         100-TQFP           Series         H8? H8/300L SLP           Core Processor         H8/300L           Core Size         8-Bit           Speed         8MHz           Connectivity         SCI           Peripherals         LCD, PWM, WDT           Number of I/O         71           Program Memory Size         32KB (32K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         2K x 8           Voltage - Supply (Vcc/Vdd)         2.7 V ~ 5.5 V           Data Converters         A/D 12x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         100-TQFP           Supplier Device Package         100-TQFP (12x12)	Manufacturer Part Number	DF38344WWV
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Speed8MHzConnectivitySCIPeripheralsLCD, PWM, WDTNumber of I/O71Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	Core Processor	H8/300L
Connectivity  Peripherals  LCD, PWM, WDT  Number of I/O  71  Program Memory Size  32KB (32K x 8)  Program Memory Type  FLASH  EEPROM Size  -  RAM Size  Voltage - Supply (Vcc/Vdd)  2.7 V ~ 5.5 V  Data Converters  A/D 12x10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Package / Case  100-TQFP  Supplier Device Package	Core Size	8-Bit
Peripherals  Number of I/O  71  Program Memory Size  32KB (32K x 8)  Program Memory Type  FLASH  EEPROM Size  -  RAM Size  Voltage - Supply (Vcc/Vdd)  2.7 V ~ 5.5 V  Data Converters  A/D 12x10b  Oscillator Type  Internal  Operating Temperature  40°C ~ 85°C (TA)  Mounting Type  -  Package / Case  Supplier Device Package  LCD, PWM, WDT  71  100-TQFP (12x12)	Speed	8MHz
Number of I/O71Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	Connectivity	SCI
Program Memory Size  Program Memory Type  FLASH  EEPROM Size  RAM Size  2K x 8  Voltage - Supply (Vcc/Vdd)  Data Converters  A/D 12x10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  100-TQFP  Supplier Device Package	Peripherals	LCD, PWM, WDT
Program Memory Type  EEPROM Size  RAM Size  2K x 8  Voltage - Supply (Vcc/Vdd)  Data Converters  A/D 12x10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  100-TQFP  Supplier Device Package	Number of I/O	71
EEPROM Size - 2K x 8  Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V  Data Converters A/D 12x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 100-TQFP  Supplier Device Package	Program Memory Size	32KB (32K x 8)
RAM Size 2K x 8  Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V  Data Converters A/D 12x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type -  Package / Case 100-TQFP  Supplier Device Package 100-TQFP (12x12)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $12x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case $100\text{-TQFP}$ Supplier Device Package $100\text{-TQFP}$ ( $12x12$ )	EEPROM Size	-
Data ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (12x12)	RAM Size	2K x 8
Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case $100\text{-TQFP}$ Supplier Device Package $100\text{-TQFP}$ (12x12)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type-Package / Case $100\text{-TQFP}$ Supplier Device Package $100\text{-TQFP} (12x12)$	Data Converters	A/D 12x10b
Mounting Type Package / Case 100-TQFP Supplier Device Package 100-TQFP (12x12)	Oscillator Type	Internal
Package / Case 100-TQFP Supplier Device Package 100-TQFP (12x12)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 100-TQFP (12x12)	Mounting Type	-
	Package / Case	100-TQFP
Report errors?	Supplier Device Package	100-TQFP (12x12)
		Report errors?

### **DF38344WWV 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.

# **DF38344WWV Payment Methods**



















## **DF38344WWV Shipping Methods**













If you have any question about DF38344WWV, please do not hesitate to contact us!

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