



### **DF38347WWV Information**



For Reference Only

Part Number DF38347WWV

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 8BIT 60KB FLASH 100TQFP

Package 100-TQFF

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **DF38347WWV Specifications**

Manufacturer Part Number         DF38347WWV           Manufacturer         Renesas Electronics America           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         60KB (60K 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)	*	
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         60KB (60K 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	Manufacturer Part Number	DF38347WWV
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         60KB (60K 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	Manufacturer	Renesas Electronics America
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         60KB (60K 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	Category	Integrated Circuits (ICs)
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         60KB (60K 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		Embedded - Microcontrollers
Core Processor         H8/300L           Core Size         8-Bit           Speed         8MHz           Connectivity         SCI           Peripherals         LCD, PWM, WDT           Number of I/O         71           Program Memory Size         60KB (60K 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	Package	100-TQFP
Core Size  Speed  8MHz  Connectivity  SCI  Peripherals  LCD, PWM, WDT  Number of I/O  71  Program Memory Size  60KB (60K 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  8 MHz  8 MHz  8 MHz  8 MHz  8 ALE  100-TQFP	Series	H8? H8/300L SLP
Speed         8MHz           Connectivity         SCI           Peripherals         LCD, PWM, WDT           Number of I/O         71           Program Memory Size         60KB (60K 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	Core Processor	H8/300L
Connectivity  Peripherals  LCD, PWM, WDT  Number of I/O  71  Program Memory Size  60KB (60K 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	Core Size	8-Bit
Peripherals  LCD, PWM, WDT  Number of I/O  71  Program Memory Size  60KB (60K 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	Speed	8MHz
Number of I/O       71         Program Memory Size       60KB (60K 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	Connectivity	SCI
Program Memory Size 60KB (60K x 8)  Program Memory Type FLASH  EEPROM Size - CRAM 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	Peripherals	LCD, PWM, WDT
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	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	Program Memory Size	60KB (60K x 8)
RAM Size $2K \times 8$ 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 $100\text{-TQFP}$	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFP	EEPROM Size	-
Data ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case100-TQFP	RAM Size	2K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 100-TQFP	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$ Mounting Type $-$ Package / Case $100\text{-TQFP}$	Data Converters	A/D 12x10b
Mounting Type - Package / Case 100-TQFP	Oscillator Type	Internal
Package / Case 100-TQFP	Operating Temperature	-40°C ~ 85°C (TA)
-	Mounting Type	-
Supplier Device Package 100-TQFP (12x12)	Package / Case	100-TQFP
	Supplier Device Package	100-TQFP (12x12)
Report errors?		Report errors?

### **DF38347WWV 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.

### **DF38347WWV Payment Methods**



















## **DF38347WWV Shipping Methods**













If you have any question about DF38347WWV, please do not hesitate to contact us!

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