



DF38524HV Information



For Reference Only

Part Number DF38524HV

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 32KB FLASH 80QFP

Package 80-BQFP

For the pricing/inventory/lead time, please contact

us

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



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DF38524HV Specifications

Manufacturer Part Number DF38524HV Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 80-BQFP Series H87 H8/300H SLP Core Processor H8/300H Core Size 8-Bit Speed 10MHz Connectivity SCI Peripherals LCD, LVD, 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) 2.7 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Mounting Type - Package / Case 80-BQFP Supplier Device Package 80-GPF (14x14)	*		
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Speed 10MHz Connectivity SCI Peripherals LCD, LVD, 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) 2.7 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Mounting Type - Package / Case 80-BQFP Supplier Device Package 80-QFP (14x14)	Core Processor	H8/300H	
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Peripherals LCD, LVD, 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) 2.7 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Mounting Type - Package / Case 80-BQFP Supplier Device Package	Speed	10MHz	
Number of I/O50Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Mounting Type-Package / Case80-BQFPSupplier Device Package80-QFP (14x14)	Connectivity	SCI	
Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Mounting Type - Package / Case 80-BQFP Supplier Device Package	Peripherals	LCD, LVD, POR, PWM, WDT	
Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Mounting Type - Package / Case 80-BQFP Supplier Device Package 80-QFP (14x14)	Number of I/O	50	
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Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Mounting Type-Package / Case80-BQFPSupplier Device Package80-QFP (14x14)	EEPROM Size	-	
Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Mounting Type - Package / Case 80-BQFP Supplier Device Package 80-QFP (14x14)	RAM Size	1K x 8	
Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Mounting Type - Package / Case 80-BQFP Supplier Device Package 80-QFP (14x14)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V	
Operating Temperature -20°C ~ 75°C (TA) Mounting Type - Package / Case 80-BQFP Supplier Device Package 80-QFP (14x14)	Data Converters	A/D 8x10b	
Mounting Type - Package / Case 80-BQFP Supplier Device Package 80-QFP (14x14)	Oscillator Type	Internal	
Package / Case 80-BQFP Supplier Device Package 80-QFP (14x14)	Operating Temperature	-20°C ~ 75°C (TA)	
Supplier Device Package 80-QFP (14x14)	Mounting Type	-	
	Package / Case	80-BQFP	
Report errors?	Supplier Device Package	80-QFP (14x14)	
		Repor	t errors?

DF38524HV 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

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Our experienced sales team and tech support team back our services to satisfy all our customers.

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DF38524HV Shipping Methods













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