



DF36057GHV Information



For Reference Only

Part Number DF36057GHV

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 16BIT 56KB FLASH 64QFP

Package 64-BQFP

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.









DF36057GHV Specifications

Manufacturer Part Number DF36057GHV Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-BQFP Series H87 H8/300H Tiny Core Processor H8/300H Core Size 16-Bit Speed 20MHz Connectivity CAN, SCI, SSU Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal		
CategoryIntegrated Circuits (ICs)Package64-BQFPSeriesH8? H8/300H TinyCore ProcessorH8/300HCore Size16-BitSpeed20MHzConnectivityCAN, SCI, SSUPeripheralsLVD, POR, PWM, WDTNumber of I/O45Program Memory Size56KB (56K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size3K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 8x10bOscillator TypeInternal	Manufacturer Part Number	DF36057GHV
Package 64-BQFP Series H8? H8/300H Tiny Core Processor H8/300H Core Size 16-Bit Speed 20MHz Connectivity CAN, SCI, SSU Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal	Manufacturer	Renesas Electronics America
Package 64-BQFP Series H8? H8/300H Tiny Core Processor H8/300H Core Size 16-Bit Speed 20MHz Connectivity CAN, SCI, SSU Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal	Category	Integrated Circuits (ICs)
Series H8? H8/300H Tiny Core Processor H8/300H Core Size 16-Bit Speed 20MHz Connectivity CAN, SCI, SSU Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal		Embedded - Microcontrollers
Core Processor H8/300H Core Size 16-Bit Speed 20MHz Connectivity CAN, SCI, SSU Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal	Package	64-BQFP
Core Size 16-Bit 20MHz Connectivity CAN, SCI, SSU Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal	Series	H8? H8/300H Tiny
Speed 20MHz Connectivity CAN, SCI, SSU Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal	Core Processor	H8/300H
Connectivity CAN, SCI, SSU Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 8x10b Oscillator Type Internal	Core Size	16-Bit
Peripherals LVD, POR, PWM, WDT Number of I/O 45 Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal	Speed	20MHz
Number of I/O Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal	Connectivity	CAN, SCI, SSU
Program Memory Size 56KB (56K x 8) Program Memory Type FLASH EEPROM Size - 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal	Peripherals	LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal	Number of I/O	45
EEPROM Size - Supply (Vcc/Vdd) 3K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 8x10b Oscillator Type Internal	Program Memory Size	56KB (56K x 8)
RAM Size $3K \times 8$ Voltage - Supply (Vcc/Vdd) $3 \times 5.5 \times 5.5 \times 5$ Data Converters $3 \times 5.5 \times 5$ Oscillator Type Internal	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 8x10bOscillator TypeInternal	EEPROM Size	-
Data Converters A/D 8x10b Oscillator Type Internal	RAM Size	3K x 8
Oscillator Type Internal	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
	Data Converters	A/D 8x10b
	Oscillator Type	Internal
Operating Temperature $-20^{\circ}\text{C} \sim 75^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	$-20^{\circ}\text{C} \sim 75^{\circ}\text{C} \text{ (TA)}$
Mounting Type -	Mounting Type	-
Package / Case 64-BQFP	Package / Case	64-BQFP
Supplier Device Package 64-QFP (14x14)	Supplier Device Package	64-QFP (14x14)
Report errors?		Report errors?

DF36057GHV 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.

DF36057GHV Payment Methods



















DF36057GHV Shipping Methods













If you have any question about DF36057GHV, please do not hesitate to contact us!

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