



DF36022GFTV Information



For Reference Only

Part Number DF36022GFTV

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 16BIT 16KB FLASH 48VQFN

Package 48-VFQFN

For the pricing/inventory/lead time, please contact

us

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



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DF36022GFTV Specifications

Manufacturer Part Number DF36022GFTV Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 48-VFQFN Series H8? H8/300H Tiny Core Processor H8/300H Core Size 16-Bit Speed 20MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 30 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Mounting Type - Package / Case 48-VFOFN	*	
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Core Size Speed 20MHz Connectivity SCI Peripherals LVD, POR, PWM, WDT Number of I/O 30 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 4x10b Oscillator Type Operating Temperature -20°C ~ 75°C (TA) Mounting Type	Series	H8? H8/300H Tiny
Speed20MHzConnectivitySCIPeripheralsLVD, POR, PWM, WDTNumber of I/O30Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size512 x 8Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Mounting Type-	Core Processor	H8/300H
Connectivity Peripherals LVD, POR, PWM, WDT Number of I/O 30 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature Aounting Type - Converters Aounting Type - Converters - Converters Aounting Type - Converters - Converter	Core Size	16-Bit
Peripherals LVD, POR, PWM, WDT 30 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature Operating Temperature Mounting Type - LVD, POR, PWM, WDT 30 RAM, WDT 30 FLASH FLASH FLASH FLASH - - - - - - - - - - - - -	Speed	20MHz
Number of I/O Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature Mounting Type - 30 16KB (16K x 8) FLASH FLASH FLASH FLASH - - - - - - - - - - - - -	Connectivity	SCI
Program Memory Size Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Mounting Type -	Peripherals	LVD, POR, PWM, WDT
Program Memory Type EEPROM Size RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Mounting Type -	Number of I/O	30
EEPROM Size-RAM Size 512×8 Voltage - Supply (Vcc/Vdd) $3 \times 5.5 $	Program Memory Size	16KB (16K x 8)
RAM Size 512×8 Voltage - Supply (Vcc/Vdd) $3 \times 5.5 \times 5$	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $3 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $4x10b$ Oscillator TypeInternalOperating Temperature $-20^{\circ}\text{C} \sim 75^{\circ}\text{C}$ (TA)Mounting Type-	EEPROM Size	-
Data ConvertersA/D $4x10b$ Oscillator TypeInternalOperating Temperature $-20^{\circ}\text{C} \sim 75^{\circ}\text{C}$ (TA)Mounting Type $-$	RAM Size	512 x 8
Oscillator Type Internal $ -20^{\circ}\text{C} \sim 75^{\circ}\text{C (TA)} $ Mounting Type $ -$	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Operating Temperature $-20^{\circ}\text{C} \sim 75^{\circ}\text{C} \text{ (TA)}$ Mounting Type $-20^{\circ}\text{C} \sim 75^{\circ}\text{C} \text{ (TA)}$	Data Converters	A/D 4x10b
Mounting Type -	Oscillator Type	Internal
	Operating Temperature	-20°C ~ 75°C (TA)
Package / Case 48-VFOFN	Mounting Type	-
30 10 (20)	Package / Case	48-VFQFN
Supplier Device Package 48-VQFN (7x7)	Supplier Device Package	48-VQFN (7x7)
Report errors?		Report errors?

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

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