

D12363VF33V

D12363VF33V Information

	Part Number	D12363VF33V	
www.heisensr.com	Manufacturer	Renesas Electronics America	
	Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
	Description	IC MCU 16BIT ROMLESS 128QFP	- 53112350
	Package	128-BFQFP	
		For the pricing/inventory/lead time, please contact	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

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D12363VF33V Specifications

Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 128-BFQFP Series H87/185/2300 Core Processor H85/2000 Core Size 16-Bit Speed 33MHz Connectivity 12C, IrDA, SCI, SmartCard Peripherals DMA, POR, PWM, WDT Number of I/O 84 Program Memory Size - Program Memory Type ROMless EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 10x10b, D/A 2x8b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Package / Case 128-BFQFP		
CategoryIntegrated Circuits (ICs)RackageEmbedded - MicrocontrollersPackage128-BFQFPSeriesH87/185/2300Core ProcessorH85/2000Core Size16-BitSpeed33MHzConnectivityI2C, IrDA, SCI, SmartCardPeripheralsDMA, POR, PWM, WDTNumber of I/O84Program Memory Size-Program Memory TypeROMlessEEPROM Size-Nutage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersArD 10x10b, D/A 2x8bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Package / Case128-BFQFPSupplier Device Package128-BFQFPSupplier Device Package128-BFQFP (1420)	Manufacturer Part Number	D12363VF33V
Embedded - Microcontrollers Package 128-BFQFP Series H87 H8S/2300 Core Processor H8S/2000 Core Size 16-Bit Speed 33MHz Connectivity I2C, IrDA, SCI, SmartCard Peripherals DMA, POR, PWM, WDT Number of I/O 84 Program Memory Size - Program Memory Type ROMless EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 10x10b, D/A 2x8b Oscillator Type Internal Operating Temperature -20°C ~ 75°C (TA) Package / Case 128-BFQFP Supplier Device Package 128-OFP (14x20)	Manufacturer	Renesas Electronics America
Package128-BFQFPSeriesH8?18S/2300Core ProcessorH8S/2000Core Size16-BitSpeed33MHzConnetivityI2C, IrDA, SCI, SmartCardPeripheralsDMA, POR, PWM, WDTNumber of I/O84Program Memory Size-Program Memory TypeROMlessEEPROM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b, D/A 2x8bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Package / Case128-BFQFPSupplier Device Package128-GFP (14x20)	Category	Integrated Circuits (ICs)
SeriesH8? H8S/2300Core ProcessorH8S/2000Core Size16-BitSpeed33MHzConnectivityI2C, IrDA, SCI, SmartCardPeripheralsDMA, POR, PWM, WDTNumber of I/O84Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b, D/A 2x8bOscillator Type-Package / Case-Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)		Embedded - Microcontrollers
Core ProcessorH8S/2000Core Size16-BitSpeed33MHzConnectivity12C, IrDA, SCI, SmartCardPeripheralsDMA, POR, PWM, WDTNumber of I/O84Program Memory Size-Program Memory TypeROMIessEEPROM Size-RAM Size16K x 8Voltag - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersADI 0x10b, D/A 2x8bOperating Temperature-20°C ~ 75°C (TA)Program Grage128-BFQFPSupplier Device Package128-QFP (14x20)	Package	128-BFQFP
Core Size16-BitSpeed33MHzConnectivityI2C, IrDA, SCI, SmartCardPeripheralsDMA, POR, PWM, WDTNumber of I/O84Program Memory Size-Program Memory TypeROMIessEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b, D/A 2x8bOscillator Type-Operating Temperature-20°C ~ 75°C (TA)Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Series	H8? H8S/2300
Speed33MHzConnectivityI2C, IrDA, SCI, SmartCardPeripheralsDMA, POR, PWM, WDTNumber of I/O84Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b, D/A 2x8bOscillator Type-20°C ~ 75°C (TA)Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Core Processor	H8S/2000
Connectivity I2C, IrDA, SCI, SmartCard Peripherals DMA, POR, PWM, WDT Number of I/O 84 Program Memory Size - Program Memory Type ROMless EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 10x10b, D/A 2x8b Oscillator Type -20°C ~ 75°C (TA) Package / Case 128-BFQFP Supplier Device Package 128-QFP (14x20)	Core Size	16-Bit
PeripheralsDMA, POR, PWM, WDTNumber of I/O84Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b, D/A 2x8bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Speed	33MHz
Number of I/O 84 Program Memory Size - Program Memory Type ROMless EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 10x10b, D/A 2x8b Oscillator Type - Operating Temperature -20°C ~ 75°C (TA) Package / Case 128-BFQFP Supplier Device Package 128-QFP (14x20)	Connectivity	I2C, IrDA, SCI, SmartCard
Program Memory Size-Program Memory TypeROMlessEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b, D/A 2x8bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Mounting Type-Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Peripherals	DMA, POR, PWM, WDT
Program Memory TypeROMlessEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b, D/A 2x8bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Mounting Type-Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Number of I/O	84
EEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b, D/A 2x8bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Mounting Type-Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Program Memory Size	-
RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b, D/A 2x8bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Mounting Type-Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Program Memory Type	ROMless
Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b, D/A 2x8bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Mounting Type-Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	EEPROM Size	-
Data ConvertersA/D 10x10b, D/A 2x8bOscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Mounting Type-Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	RAM Size	16K x 8
Oscillator TypeInternalOperating Temperature-20°C ~ 75°C (TA)Mounting Type-Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Operating Temperature-20°C ~ 75°C (TA)Mounting Type-Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Data Converters	A/D 10x10b, D/A 2x8b
Mounting Type-Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Oscillator Type	Internal
Package / Case128-BFQFPSupplier Device Package128-QFP (14x20)	Operating Temperature	-20°C ~ 75°C (TA)
Supplier Device Package128-QFP (14x20)	Mounting Type	-
	Package / Case	128-BFQFP
Report errors?	Supplier Device Package	128-QFP (14x20)
		Report errors?

D12363VF33V 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.

D12363VF33V Payment Methods



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