

DF2168VT33V Information


For Reference Only

Part Number [DF2168VT33V](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 256KB FLASH 144TQFP
Package 144-TQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


DF2168VT33V Specifications

Manufacturer Part Number	DF2168VT33V
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-TQFP
Series	H8? H8S/2100
Core Processor	H8S/2000
Core Size	16-Bit
Speed	33MHz
Connectivity	I2C, IrDA, LPC, SCI, SmartCard
Peripherals	POR, PWM, WDT
Number of I/O	106
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	40K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Data Converters	A/D 8x10b; D/A 2x8b
Oscillator Type	Internal
Operating Temperature	-20°C ~ 75°C (TA)
Mounting Type	-
Package / Case	144-TQFP
Supplier Device Package	144-TQFP (16x16)

[Report errors?](#)

DF2168VT33V 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.

DF2168VT33V Payment Methods



DF2168VT33V Shipping Methods



If you have any question about DF2168VT33V, please do not hesitate to contact us!

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