

DF2238ATE13V Information


For Reference Only

Part Number [DF2238ATE13V](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 256KB FLASH 100TQFP
Package 100-TQFP
 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.


DF2238ATE13V Specifications

Manufacturer Part Number	DF2238ATE13V
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	100-TQFP
Series	H8? H8S/2200
Core Processor	H8S/2000
Core Size	16-Bit
Speed	13MHz
Connectivity	I2C, SCI, SmartCard
Peripherals	POR, PWM, WDT
Number of I/O	72
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	16K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Data Converters	A/D 8x10b; D/A 2x8b
Oscillator Type	Internal
Operating Temperature	-20°C ~ 75°C (TA)
Mounting Type	-
Package / Case	100-TQFP
Supplier Device Package	-

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DF2238ATE13V 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.

DF2238ATE13V Payment Methods



DF2238ATE13V Shipping Methods



If you have any question about DF2238ATE13V, please do not hesitate to contact us!

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