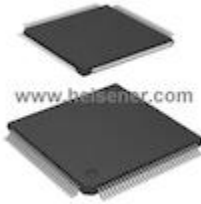


D12320VTE20V Information


For Reference Only

Part Number [D12320VTE20V](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT ROMLESS 120TQFP
Package 120-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.


D12320VTE20V Specifications

Manufacturer Part Number	D12320VTE20V
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	120-TQFP
Series	H8? H8S/2300
Core Processor	H8S/2000
Core Size	16-Bit
Speed	20MHz
Connectivity	SCI, SmartCard
Peripherals	DMA, POR, PWM, WDT
Number of I/O	86
Program Memory Size	-
Program Memory Type	ROMless
EEPROM Size	-
RAM Size	4K x 8
Voltage - Supply (Vcc/Vdd)	2.7 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	120-TQFP
Supplier Device Package	120-TQFP (14x14)

[Report errors?](#)

D12320VTE20V 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.

D12320VTE20V Payment Methods



D12320VTE20V Shipping Methods



If you have any question about D12320VTE20V, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com