

DF2148BTE20V Information


For Reference Only

Part Number [DF2148BTE20V](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 128KB 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.


DF2148BTE20V Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | DF2148BTE20V |
| Manufacturer | Renesas Electronics America |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 100-TQFP |
| Series | H8? H8S/2100 |
| Core Processor | H8S/2000 |
| Core Size | 16-Bit |
| Speed | 20MHz |
| Connectivity | I2C, IrDA, SCI, X-Bus |
| Peripherals | PWM, WDT |
| Number of I/O | 74 |
| Program Memory Size | 128KB (128K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 4K x 8 |
| Voltage - Supply (Vcc/Vdd) | 4.5 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 | 100-TQFP (14x14) |

[Report errors?](#)

DF2148BTE20V 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.

DF2148BTE20V Payment Methods



DF2148BTE20V Shipping Methods



If you have any question about DF2148BTE20V, please do not hesitate to contact us!

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