

**VRE104CA-5 Information**


For Reference Only

**Part Number** VRE104CA-5  
**Manufacturer** Apex Microtechnology  
**Category** Integrated Circuits (ICs)  
**PMIC - Voltage Reference**  
**Description** IC VREF SERIES 4.5V 14CDIP  
**Package** 14-CDIP (0.300", 7.62mm)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**VRE104CA-5 Specifications**

|                              |  |
|------------------------------|--|
| Manufacturer Part Number     | VRE104CA-5   |
| Manufacturer                 | Apex Microtechnology   |
| Category                     | Integrated Circuits (ICs)<br><b>PMIC - Voltage Reference</b> |
| Package                      | 14-CDIP (0.300", 7.62mm)                                     |
| Series                       | -  |
| Reference Type               | Series   |
| Output Type                  | Fixed  |
| Voltage - Output (Min/Fixed) | 4.5V   |
| Voltage - Output (Max)       | -  |
| Current - Output             | 10mA   |
| Tolerance                    | ±0.02%   |
| Temperature Coefficient      | 1ppm/°C Typical  |
| Noise - 0.1Hz to 10Hz        | 3μVp-p   |
| Noise - 10Hz to 10kHz        | -  |
| Voltage - Input              | 13.5 V ~ 22 V  |
| Current - Supply             | 7mA  |
| Current - Cathode            | -  |
| Operating Temperature        | -25°C ~ 85°C (TA)  |
| Mounting Type                | Through Hole   |
| Package / Case               | 14-CDIP (0.300", 7.62mm)                                     |
| Supplier Device Package      | 14-CDIP  |

[Report errors?](#)

## VRE104CA-5 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.

## VRE104CA-5 Payment Methods



## VRE104CA-5 Shipping Methods



If you have any question about VRE104CA-5, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)