



Product Overview

CAT8900: Precision Analog Voltage Reference

For complete documentation, see the [data sheet](#)

Product Description

The CAT8900 is a high precision voltage reference providing very accurate voltage regulation with low supply current consumption.

CAT8900 is ideal for use in battery powered systems where operating current needs to be minimized and there can be a great variation in supply voltages. It will source or sink up to 10 mA of load current, and can for most applications, forgo the use of an output bypass capacitor. The device is supplied in a space saving three terminal SOT-23 package.

Features

- Reference Voltages:
1.024 V, 1.200 V, 1.250 V, 1.800 V,
2.048 V, 2.500 V, 2.600 V,
3.000 V, 3.300 V
- Low Supply Current: 450 nA (Typical)
- Initial Accuracy:
Class B: 1.0 mV
Class C: 2.5 mV
Class D: 5.0 mV
- Drift Performance: 20 ppm/°C
- SOT23 3-Lead Package
- This Device is Pb Free, Halogen Free/BFR Free, and RoHS Compliant

Applications

- Battery Powered Systems
- Power Supplies
- A/D and D/A Converters
- Precision Regulator Systems
- Portable Medical Equipment

For more information please contact your local sales support at www.onsemi.com

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