

PRODUCT OUTLINE

SGC213d00

## DC/CD ULTRA FAST PRODUCT

### Features

- BandGap low power voltage reference
- Very low IQ: 15  $\mu$ A +/- 0.5% Accuracy
- Excellent line regulation (< 20  $\mu$ V/V)
- Ultra-high PSRR: 90 dB
- @ 20kHz; 80 dB @ 100 kHz; 60 dB @ 1MHz
- Very Low Noise: 10  $\mu$ Vrms
- typical (10 Hz to 10
- 0 kHz)
- Fixed output voltage from

### General Description

**BandGap:** The SGC21300 is a very high PSRR, very low noise band gap voltage reference that provides a fixed voltage outputs from inputs between 1.8 V and 5.5 V. The architecture of the SGC21300 enables the reference to be operated at a very low quiescent current while still realizing excellent DC and PSRR characteristics. The core includes a bias current generator with multiple outputs and a reference lock detector. Trimming is available for increased initial accuracy and

### Applications

- SAFd
- asdgas

### Quick Reference

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### Applications Diagram