

Features

- BandGap nano power voltage reference
- Ultra low current consumption: 400 nA
- Good accuracy: $\pm 2\%$
- Fixed output voltage: 750 mV
- Input range, from 1.0 V to 1.98 V
- Indicative core area: 0.01 mm²

Applications

Applications Diagram

General Description

BandGap: The SGC21303 is a voltage reference optimized for ultra compact ultra low power applications. The voltage reference has been optimized for area and power. It provides a temperature compensated 750 mV fixed voltage output from inputs between 1.0 V and 1.98 V. The architecture of the SGC21303 enables the reference to be operated at a ultra low quiescent current while still realizing good DC characteristics. Trimming is available for increased initial accuracy. It is specified from $T_J = -40\text{ }^\circ\text{C}$ to $+125\text{ }^\circ\text{C}$ and is designed to achieve $\pm 2\%$ overall accuracy (over Load/Line/Temp).

Quick Reference

wrt	ee	fefef	f	fff	ff
vb	bn	dc	f	f	ff
cc	x	nn	v	m	
cc	c	c	w	b	n