

SGC24300_01_GF_22FDSOI

TEMPERATURE MEASUREMENT DIODE

Features

- Diode for temperature measurement

General Description

SGC24300_01_GF_22FDSOI is a silicon diode macro, for temperature measurement, designed for direct usage with *SGC24212_01_GF_22FDSOI* compact temperature measurement ADC IP. It is specified from $T_J = -40^{\circ}\text{C}$ to $+125^{\circ}\text{C}$.

Applications

- In chip temperature measurement

Quick Reference

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNIT
V_{AVDD}	Analog Sup.	1.50	—	1.98	V
T_{SET}	Settling time	—	—	1	μs
Temp	Temp Range	-40	—	125	$^{\circ}\text{C}$

Applications Diagram