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PRODUCT**OUTLINE**

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°C to +125°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}	Setteling time	-		1	µs
Temp	Temp Range	-40	-	125	ºC

2022-09-09 00:00:00 UTC
2020-10-30 00:00:00 UTC