

SGC21913_01_GF_22FDSOI

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Features

- Power-Switch with enable
- Power good detector
- Low quiescent
- Low resistance
- Soft start
- Output pull-down option (in power down mode)

General Description

SGC21913_01_GF_22FDSOI is a low quiescent power switch solution for integration on SoC. Offering soft start, output pull-down option (in power down mode) and power good visibility, it is specified from $T_J = -40^{\circ}\text{C}$ to 125°C , being designed to achieve 4% overall accuracy (over Load / Line / Temp).

Applications

- SoC
- IoT
- Wearables

Quick Reference

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNIT
V_{IN}	Input Sup.	0.70	-	0.90	V
V_{DVDD}	Digital Sup.	0.50	-	1.20	V
R_{SW}	S W Resistance	50	-	200	m Ω
V_O	Out Voltage	0.70	-	0.90	V
I_O	Out Current	0	-	75	mA