

GLF72111

3 A, Ultra-low Power I_QSmart™ Load Switch with True Reverse Current Blocking

DESCRIPTION

The GLF72111 is an advanced technology fully integrated I_QSmart™ load switch device with True Reverse Current Blocking (TRCB) technology and slew rate control of the output voltage.

The GLF72111 offers industry leading True Reverse Current Blocking (TRCB) performance, featuring an ultra-low threshold voltage. It minimizes reverse current flow in the event that the V_{OUT} pin voltage exceeds the V_{IN} voltage

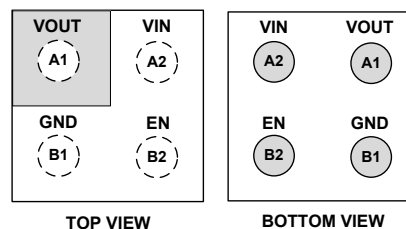
FEATURES

- True Reverse Current Blocking
- I_Q: 1.4 μ A Typ @ 5.5 V_{IN}
- I_{SD}: 24 nA Typ @ 5.5 V_{IN}
- Low R_{ON} : 29 m Ω Typ @ 5.5 V_{IN}
- I_{OUT} Max: 3 A
- Wide Input Range: 1.5 V to 5.5 V
6 Vabs max
- Rise Time: 1.2 ms at 3.3 V_{IN}
- Internal EN Pull-Down Resistor
- Integrated Output Discharge Switch
- 0.97 mm x 0.97 mm x 0.55 mm
Wafer Level Chip Scale Package

PRODUCT TABLE

Eval Board Ordering Info	Part Number	Top Mark	R _{ON} (Typ.) @ 5.5V _{in}	Output Discharge	EN Activity
EV002-GLF72111	GLF72111	BJ	29 m Ω	85 Ω	High

EVALUATION BOARD & DEVICE PACKAGE



Pin #	Name	Description
A1	V _{OUT}	Switch Output
A2	V _{IN}	Switch Input. Supply Voltage for IC
C1	GND	Ground
C2	EN	Enable to control the switch