

## GLF71307

### Ultra-Small, I<sub>Q</sub>Smart™ Load Switch with Slew Rate Control

#### DESCRIPTION

The evaluation board EV010 features the GLF71307 ultra-small slew rate controlled I<sub>Q</sub>Smart™ Load Switch suitable for applications that control current power rails in wearables, IoT, and mobile electronic devices.

The GLF71307 features ultra-efficient I<sub>Q</sub>Smart™ technology support some of the lowest quiescent current (I<sub>Q</sub>) and shutdown current (I<sub>SD</sub>) in the industry.

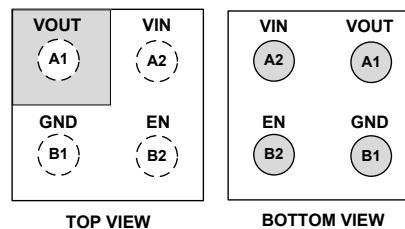
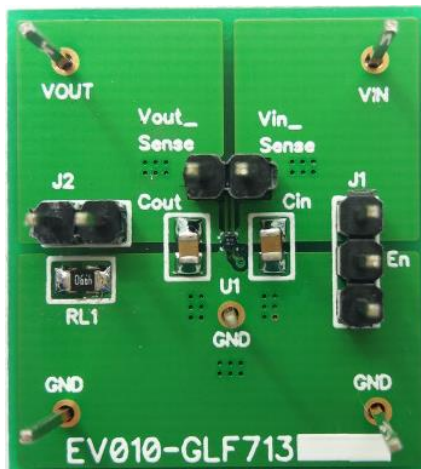
#### GLF71307 FEATURES

- Wide Input Range 1.1V to 5.5V
- Low R<sub>ON</sub> = 34mΩ Typ. @ 5.5V<sub>IN</sub>
- 1.5A Maximum Continuous Current
- Ultra-Low I<sub>Q</sub>: 1nA Typ.
- Ultra-Low I<sub>SD</sub>: 19nA Typ @5.5V<sub>IN</sub>
- Controlled Rise Time : 9us @ 3.3V<sub>IN</sub>
- Internal EN Pull-Down Resistor
- Integrated Output Discharge Switch
- 0.77mm x 0.77mm x 0.5mm, 0.4mm pitch, Wafer Level Chip Scale Package

#### PRODUCT TABLE

Eval Board Ordering Info	Part Number	Top Mark	R <sub>ON</sub> (Typ.) @ 5.5V <sub>in</sub>	Output Discharge	EN Activity
EV010-GLF71307	GLF71307	S	34 mΩ	85Ω	High

#### EVALUATION BOARD & DEVICE PACKAGE



Pin #	Name	Description
A1	V <sub>OUT</sub>	Switch Output
A2	V <sub>IN</sub>	Switch Input. Supply Voltage for IC
C1	GND	Ground
C2	EN	Enable to control the switch