

GLF72120

4A Slew Rate Controlled I_QSmart™ Load Switch With True Reverse Current Blocking

DESCRIPTION

The evaluation board EV009 features the GLF72120 ultra-small and fully integrated I_QSmart™ load switch with a True Reverse Current Blocking (TRCB) technology and the slew rate control of the output voltage. The GLF72120 utilizes a chip scale package with 6 bumps in a 0.97 mm x 1.47 mm x 0.55 mm die size and a 0.5 mm pitch.

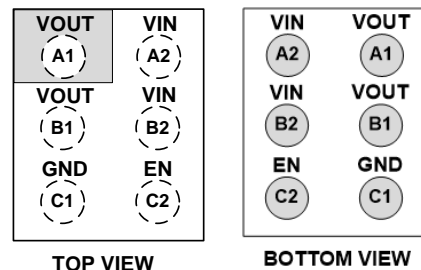
FEATURES

- True Reverse Current Blocking
- Low R_{ON} : 14 mΩ Typ @ 5.5 V_{IN}
- Ultra-Low I_Q : 1.3 uA Typ @ 5.5 V_{IN}
- Ultra-Low I_{SD} : 40 nA @ 5.5 V_{IN}
- I_{OUT} Max : 4 A
- Voltage Range : 1.5 V_{IN} to 5.5 V_{IN}
6 Vabs max
- Controlled Rise Time : 730 us at 3.3V_{IN}
- Internal EN Pull-Down Resistor
- 0.97 mm x 1.47 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}	EN Activity
EV009-GLF72120	GLF72120	RA	14 mΩ	High

EVALUATION BOARD & DEVICE PACKAGE



Pin #	Name	Description
A1, B1	V _{OUT}	Switch Output
A2, B2	V _{IN}	Switch Input. Supply Voltage for IC
C1	GND	Ground
C2	EN	Enable to control the switch