

GLF71431

VariRise™ Programmable Slew Rate

DESCRIPTION

The evaluation board EV004A features the GLF71431 fully integrated power switch with VariRise™ programmable slew rate technology capable of providing VOUT rise time from 100 us to 34 ms.

The GLF71431 operate at the wide input range from 1.5V to 5.5V and the rise time of the output voltage is programmed by an external resistor to meet different output capacitance conditions.

- Wide Input Range 1.5 V to 5.5 V
- Low R_{ON} : 10 mΩ Typ. at 5.5 V_{IN}
- VariRise™ Programmable Slew Rate : 100 us to 34 ms
- Maximum Continuous Current: 7 A
- Ultra-Low IQ : 5 nA Typ. at 5.5 V_{IN}
- Ultra-Low I_{SD} : 55 nA Typ. at 5.5V_{IN}
- Output Discharge Switch
- Wide Operating Temperature Range :
- 40 ° C ~ 105 ° C
- 1.27 mm x 1.67 mm x 0.55mm
0.4mm pitch 12 Bumps WLCSP

FEATURES

PRODUCT TABLE

| Eval Board Ordering Info | Part Number | R _{ON} (Typ.) @ 5.5V _{in} | Output Discharge | EN Activity |
|--------------------------|-------------|---|------------------|-------------|
| EV004-GLF71431 | GLF71431 | 10 mΩ | 85Ω | High |

EVALUATION BOARD & DEVICE PACKAGE

