

## GLF71431 VariRise™ Programmable Slew Rate

### DESCRIPTION

The evaluation board EV004 features the GLF71431 fully integrated power switch with VariRise™ programmable slew rate technology capable of providing the programmable slew rate of variable output voltage rising times.

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

### FEATURES

- Wide Input Range 1.5 V to 5.5 V
- Low  $R_{ON}$ : 10 m $\Omega$  Typ. at 5.5 V<sub>IN</sub>
- VariRise™ Programmable Slew Rate
- Maximum Continuous Current: 7 A
- Ultra-Low  $I_Q$ : 10 nA Typ. at 5.5 V<sub>IN</sub>
- Ultra-Low  $I_{SD}$ : 55 nA Typ. at 5.5V<sub>IN</sub>
- 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

### PRODUCT TABLE

Eval Board Ordering Info	Part Number	$R_{ON}$ (Typ.) @ 5.5V <sub>in</sub>	Output Discharge	EN Activity
EV004-GLF71431	GLF71431	10 m $\Omega$	83 $\Omega$	High