

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 Ω Typ. at 5.5 V_{IN}
- VariRise™ Programmable Slew Rate
- Maximum Continuous Current: 7 A
- Ultra-Low I_Q : 10 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

PRODUCT TABLE

Eval Board Ordering Info	Part Number	R_{ON} (Typ.) @ 5.5V _{in}	Output Discharge	EN Activity
EV004-GLF71431	GLF71431	10 m Ω	83 Ω	High