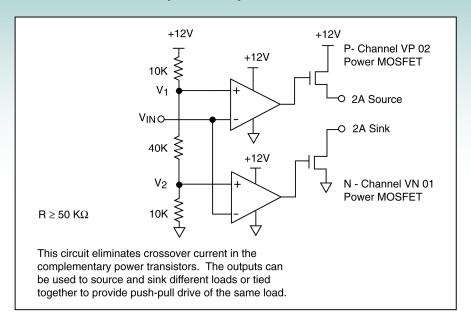
Schematic no. cd_23006.0

Push-Pull Complementary Power MOSFET Driver



Description

This window comparator has 2 limits, a lower limit and an upper limit, which can produce up to 2 separate outputs, each dedicated to a warning and/or an alarm condition. Each of the V_1 and V_2 outputs is a separate independent signal, which is used to drive a power MOSFET. Note that this circuit works well with push-pull types of voltage comparator output. An output resistor may be added from the output of the comparator to V+ to boost the pull-up current necessary to speed up the turning-on or turning-off the power MOSFETs. This output resistor will add power consumption whenever the comparator output is in a low state.

Recommended Components

ALD2302 for push-pull outputs
ALD2321 for high precision applications

Other Related Circuit Ideas

Schematic no. cd_23002.0 Dual Limit Window Comparator

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