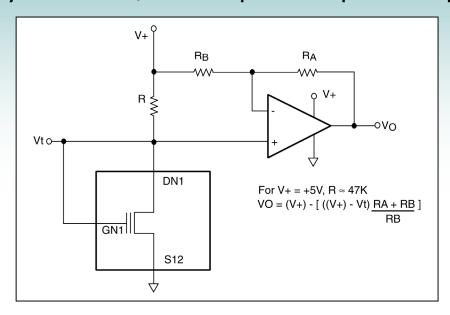


Category: MOSFET CIRCUIT IDEAS FOR DESIGNERS

Schematic no. fet\_11111.0

## Amplify and Shift EPAD® MOSFET Output with an Operational Amplifier



## **Description**

This circuit shows an EPAD MOSFET and resistor network with an output that can scaled to any desired voltage Vo. By careful selection of the EPAD MOSFET and resistor values as well as resistor characteristics, it is possible to have an output designed to provide a specific value and have a set of specific characteristics, such as linear or non-linear temperature dependence.

## **Recommended Components**

¼ ALD1108E, ½ ALD110908, or any of the EPAD MOSFETs ALD1712, ALD1721, ALD1722, ALD1726

## **Other Related Circuit Ideas**

Schematic no. fet\_11110.0 Select Vo by Using EPAD Transistor and Resistor Ratios

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