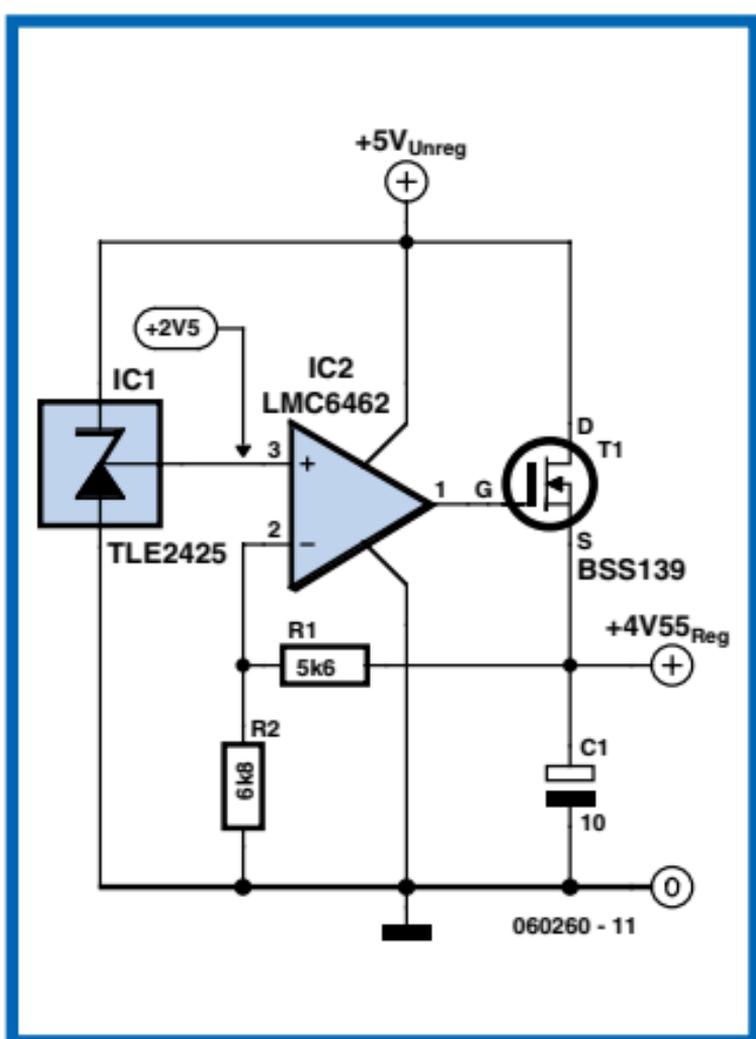


Wrong circuit symbol

Dear Jan — may I just point out that in your article 'LDO Regulator' (Design Tips, February 2007) you used an incorrect circuit symbol for the FET. The BSS139 is a 'depletion-mode' MOSFET; your symbol is for an enhancement-mode device.

Dave Moffat (UK)

You are right Dave. The correct device symbol is printed here. Note the solid line between drain (D) and source (S) terminals, indicating the self-conducting FET, which starts to work at $U_{GS}=0\text{ V}$.



(3) will depend on the exact type used by Barend Hendriksen and used in the tests. Suggested methods of obtaining CSB455 devices may be found

6-1

should be marked ULN2803, not ULN2805, not 1kΩ.

18-1

should read 'R9'. Capacitor C8 is marked as 10µF/350V in the schematic. The current is drawn from the high-voltage source. A 80V capacitor will work in this circuit.