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5 A Regulator

LM338 parameters:
Maximum input/output difference = 35 V
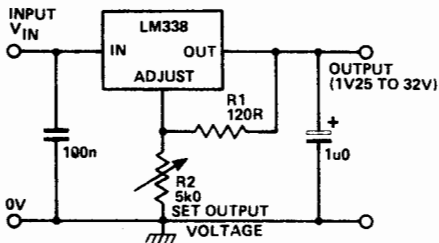Maximum output current = 5 A
Ripple rejection = 85 dB
Thermal resistance, junction to case = 1°C/W

V_{OUT} = 1.25 (R1 + R2)/R1
P_{DISS} = I_{OUT}(V_{IN} − V_{OUT}). Use a heatsink.