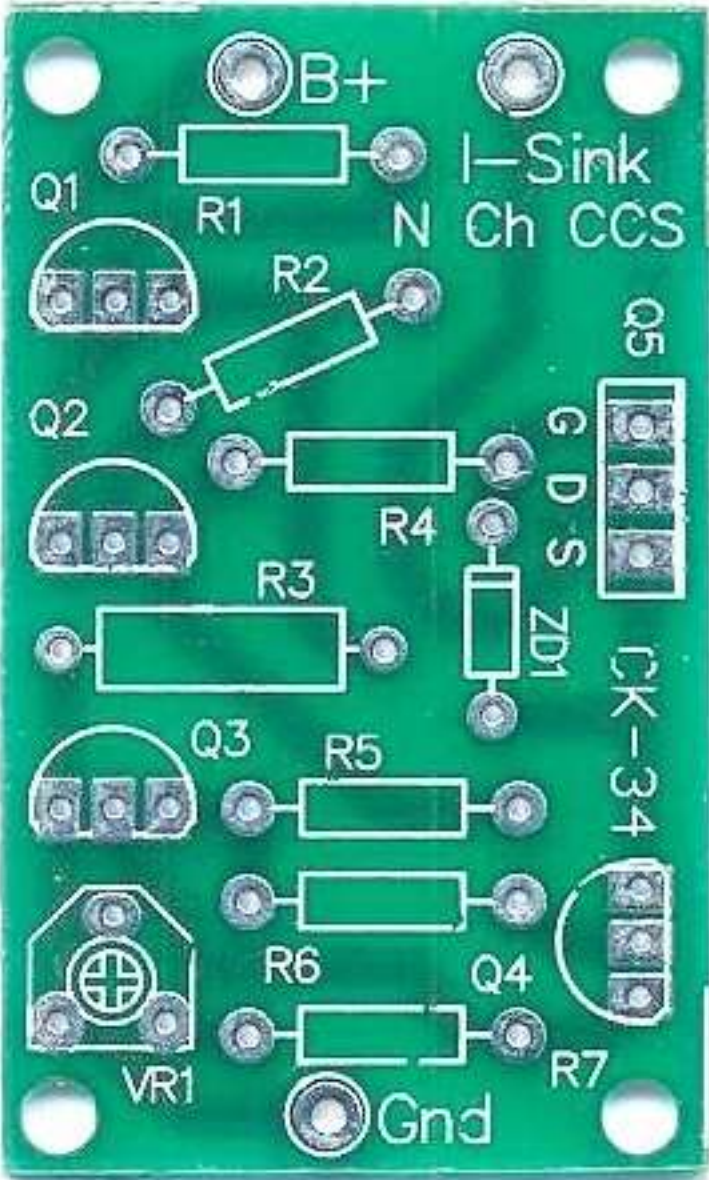


Constant Current Source and Sink PCB's

from

Classic Valve Design



This document contains preliminary information on these boards. The information contained herein assumes a moderate to advanced level of electronics and high voltage competence of the end user.

Classic Valve Design in no way assumes responsibility for circuit or user damage or injury from the use/misuse of these boards or any other product. We simply provide these on an AS-IS basis with workmanship guaranteed at this time.

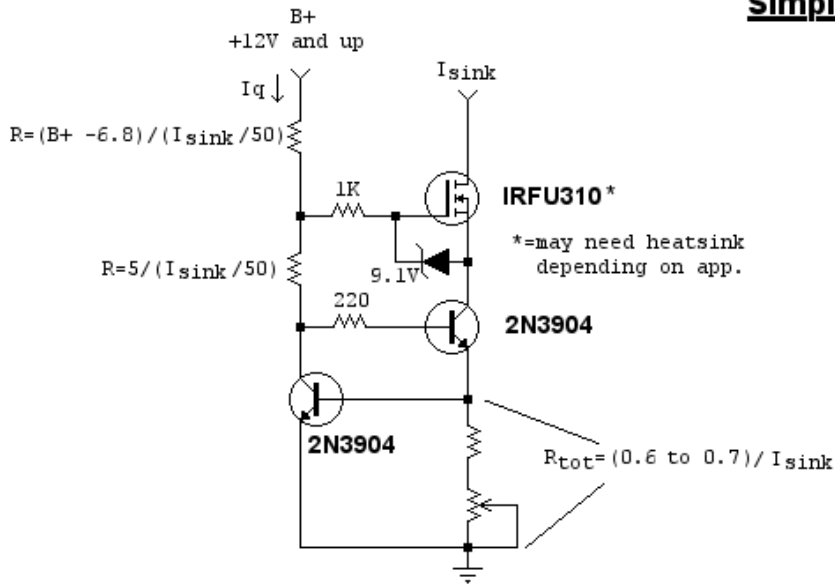
Transistors used in this circuit are ones we have tested ourselves and have shown to provide good performance with typical CCS designs and current levels. Feel free to change for your particular specifications.

Many circuits will be shown with the N-channel CCS. The same applies for the P-channel with respective polarity.

General Purpose CCS Designs

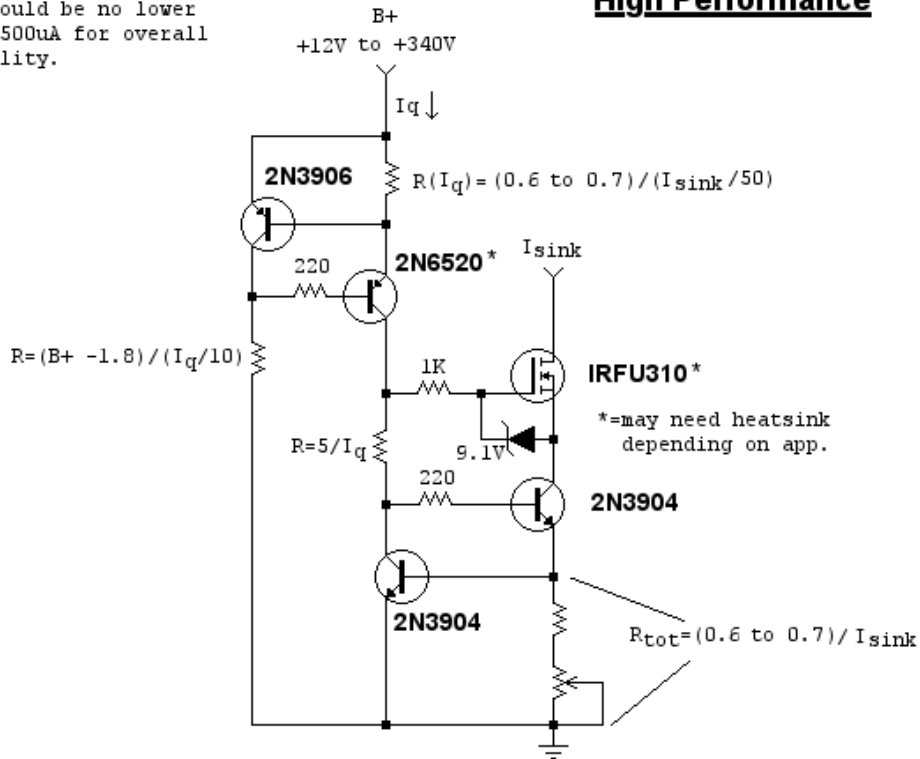
I_q should be no lower than 500uA for overall stability.

Simple

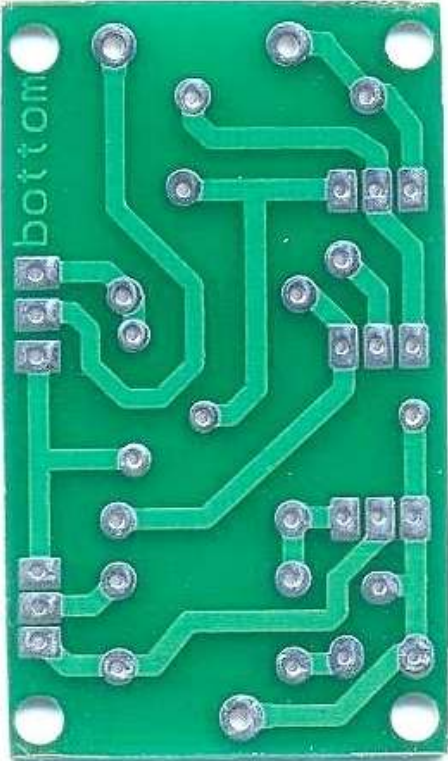
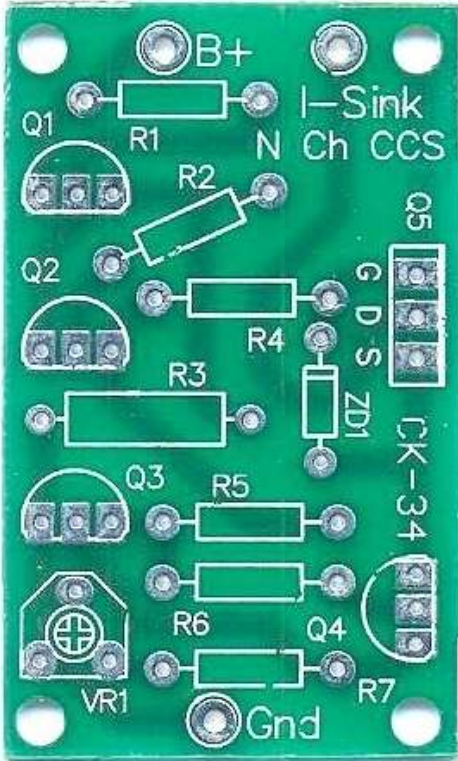
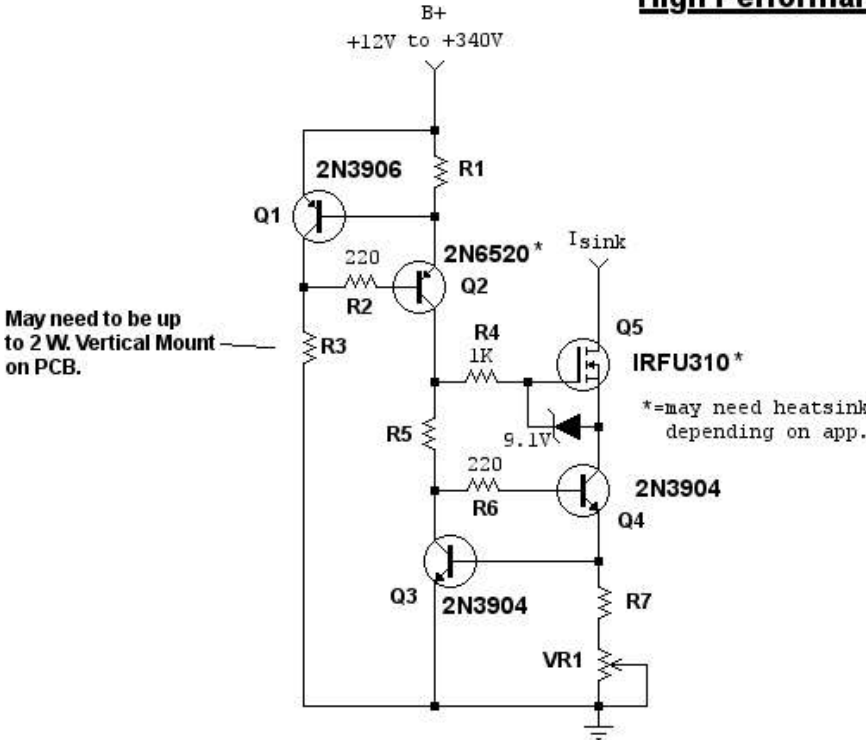


I_q should be no lower than 500uA for overall stability.

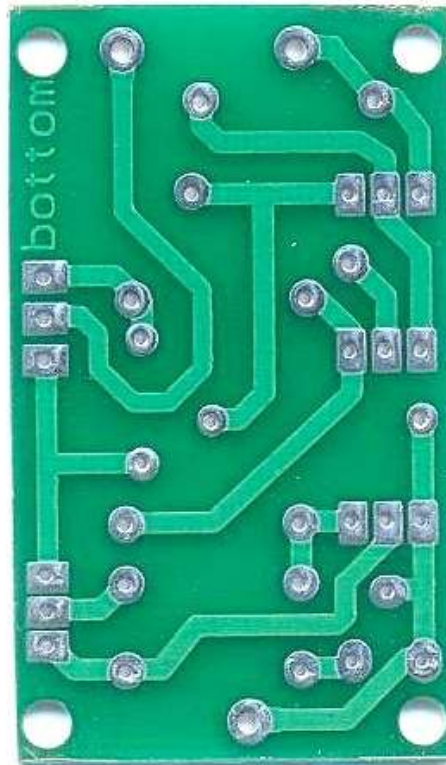
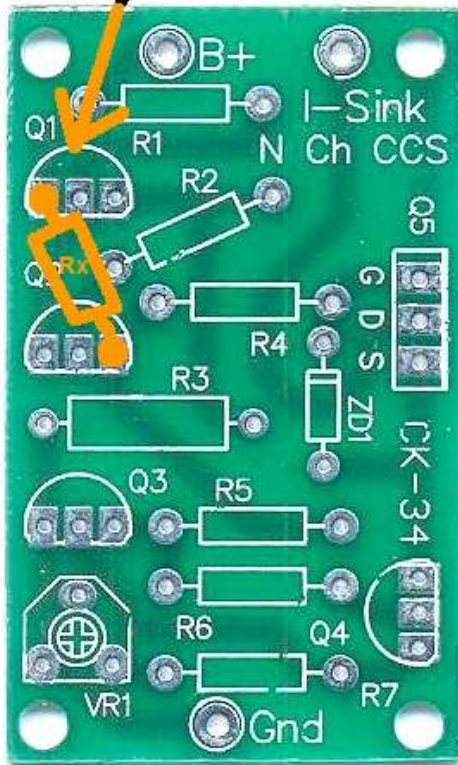
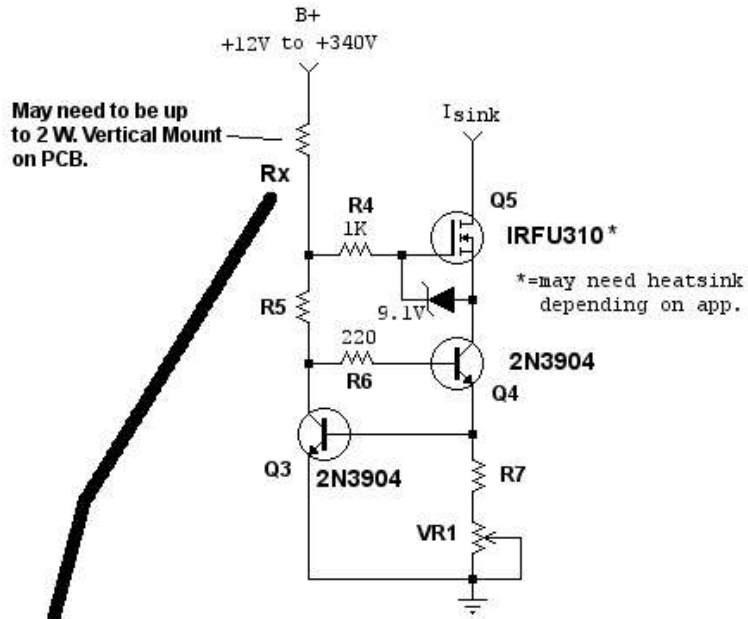
High Performance



High Performance

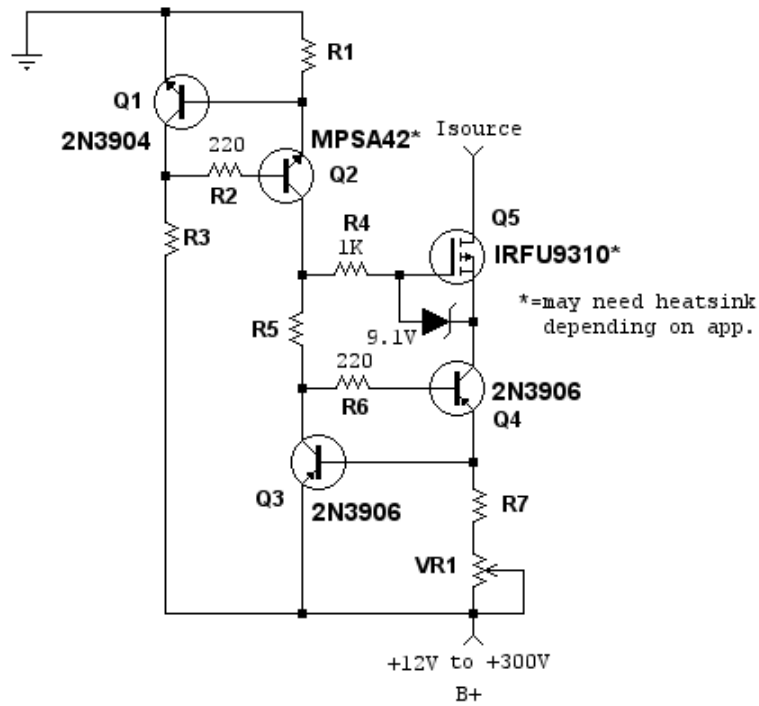


Simple



High Performance

(P-channel)



(P and N channel boards identical other than polarity)

/End preliminary documentation.