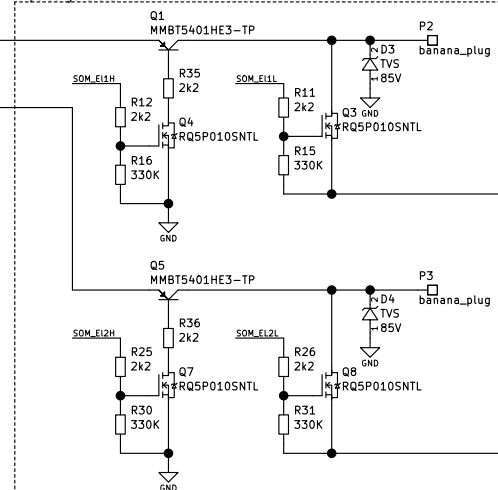
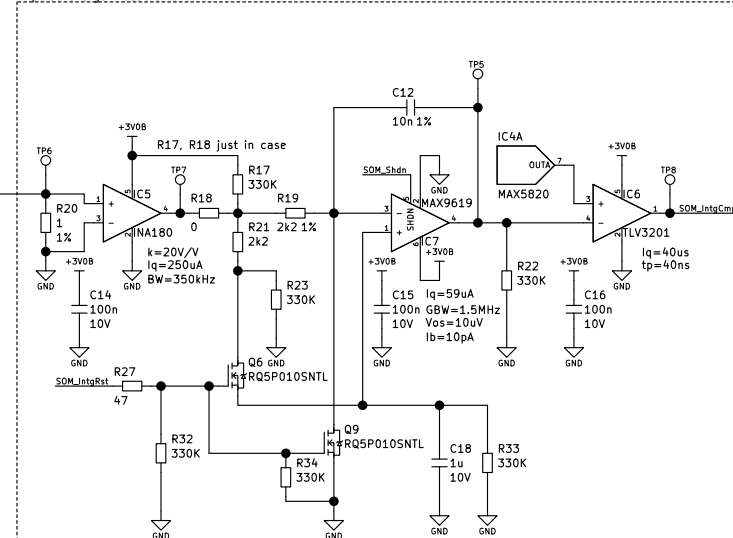
[illegible]

H-bridge for generation of bipolar impulses.
Adjust R11, R12, R25, R26 to decrease impulse rise time
if INA180 cannot amplify the initial current surge (350kHz BW).



The output voltage of INA180 is always greater than zero for measured current equal to zero, due to offset voltage and output stage transistor saturation. The noninverting input of integrator opamp is polarised with this output voltage to reset the integrator as well as to compensate for the error. The s&h capacitor is relatively large because of mmos gate-channel injected charge.

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