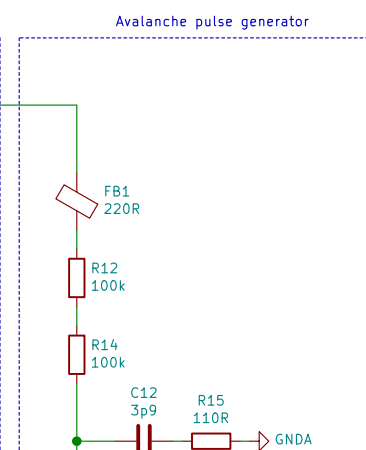
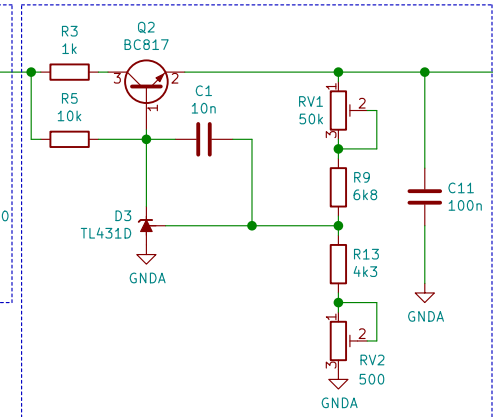
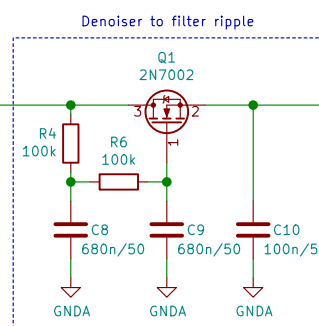
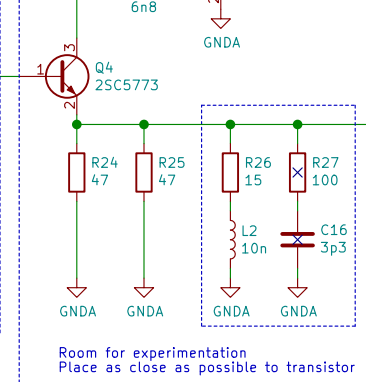
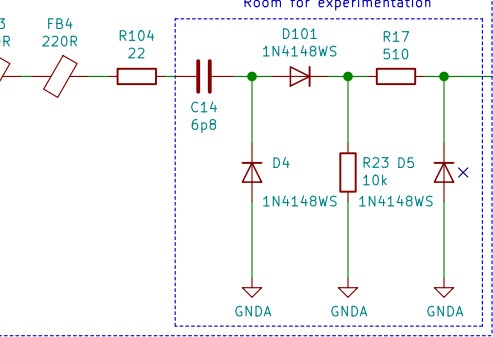
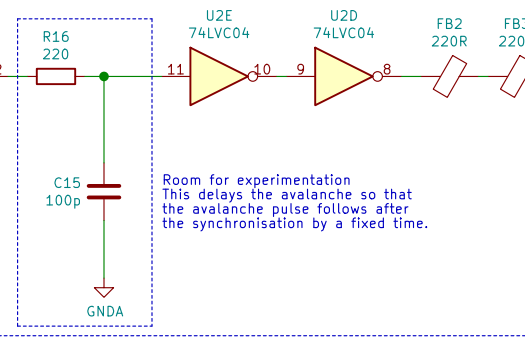
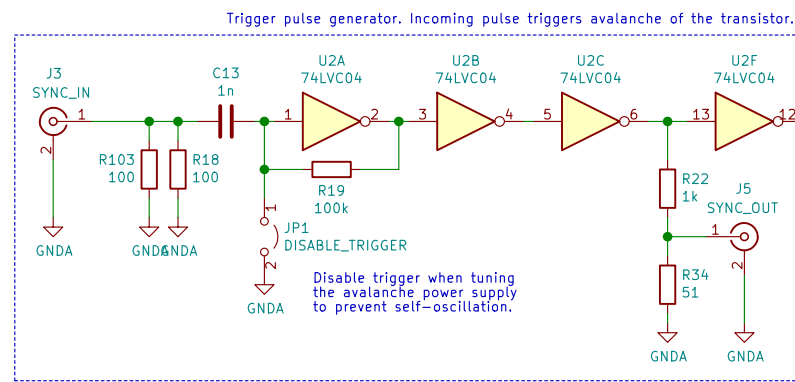


5.9 V - 34.8 V regulator  
Set the voltage just right on the border where self-avalanche happens only very occasionally using the 50k trimmer, then adjust the voltage lower using the second trimmer so that self-avalanche does not occur at all (consider 60 s without pulse as enough).



Connect 50 Ohm coaxial cable with low losses, rigid if possible. The other end should be left open. This coaxial cable serves as energy storage, length determines the length of the pulse.



11.26 dB attenuator, 18.7 Ohm input impedance, 50 Ohm output, output return loss -70 dB

