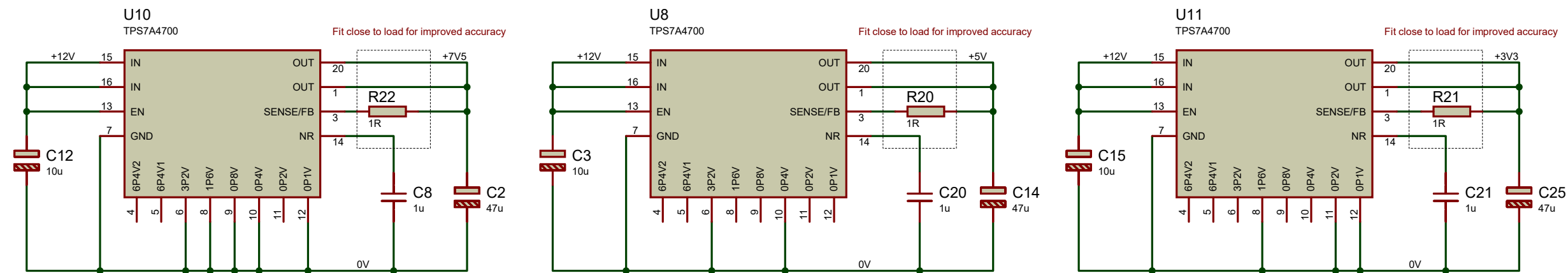
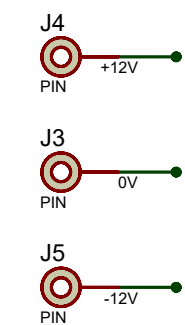


Power supplies and voltage references

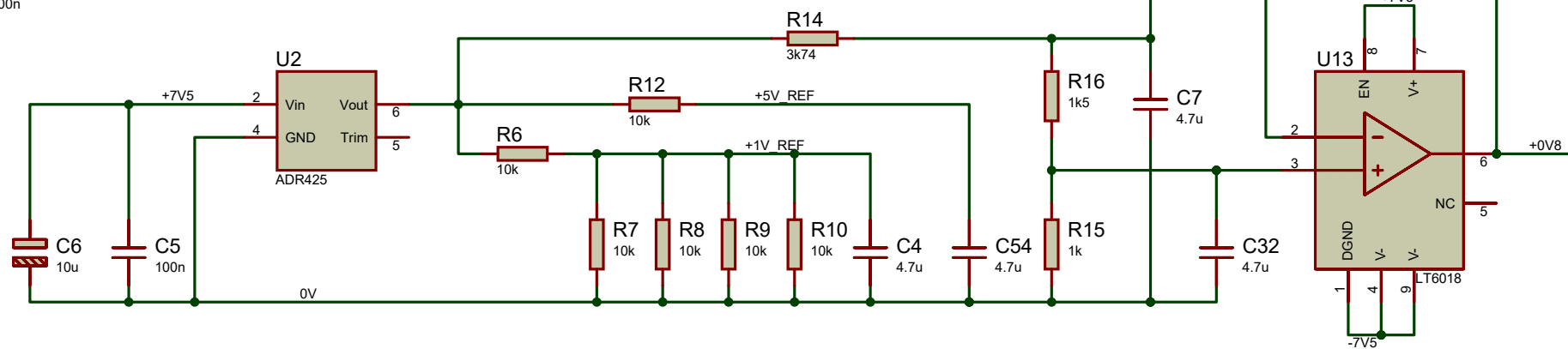
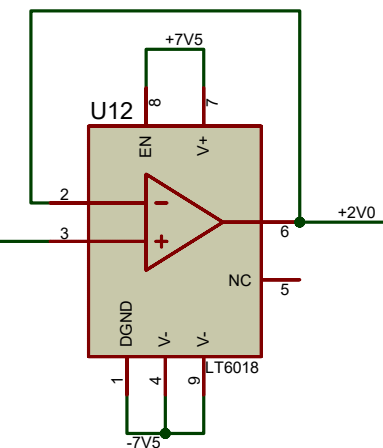
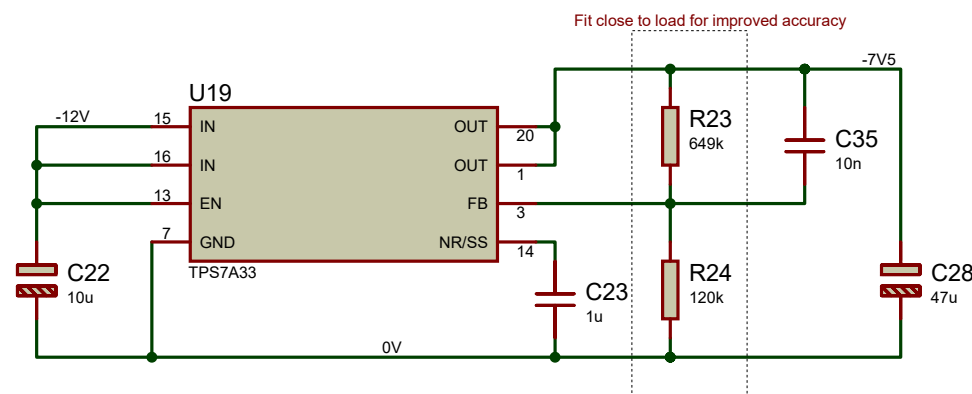
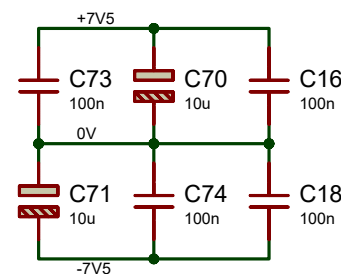


Supply pins (change for filtered connectors?)

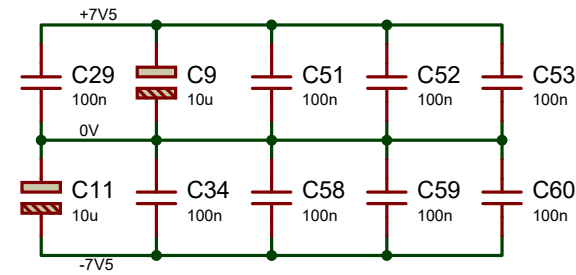
Power supplies: +7V5, +5V, +3V3, -7V5 @1A each



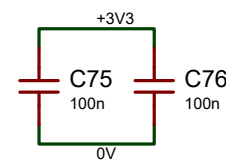
Decoupling



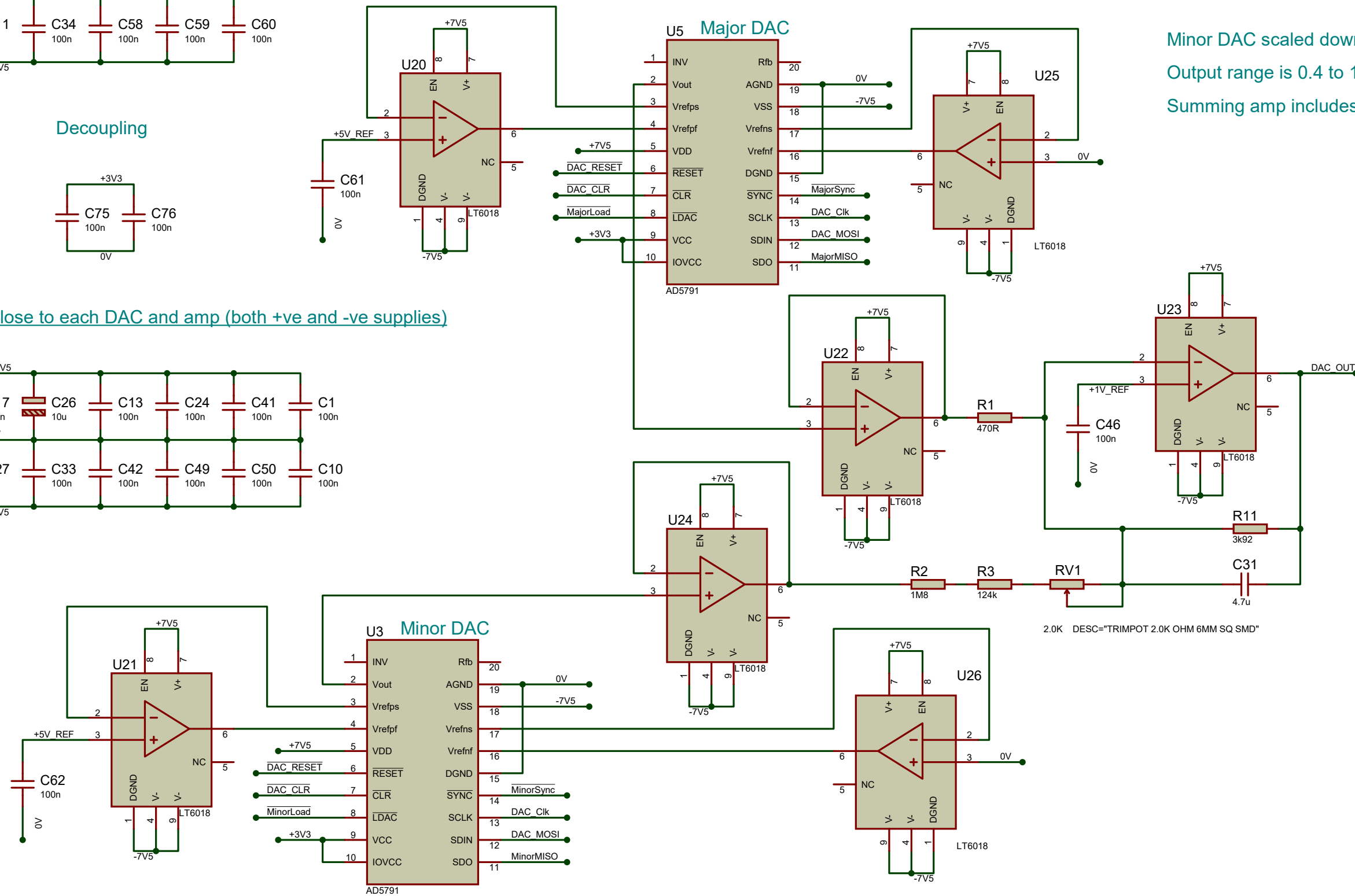
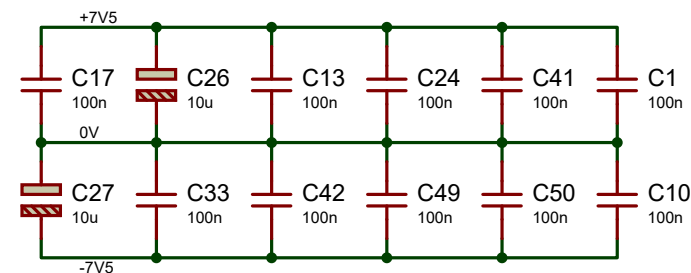
Major-minor DAC



Decoupling



100nF close to each DAC and amp (both +ve and -ve supplies)

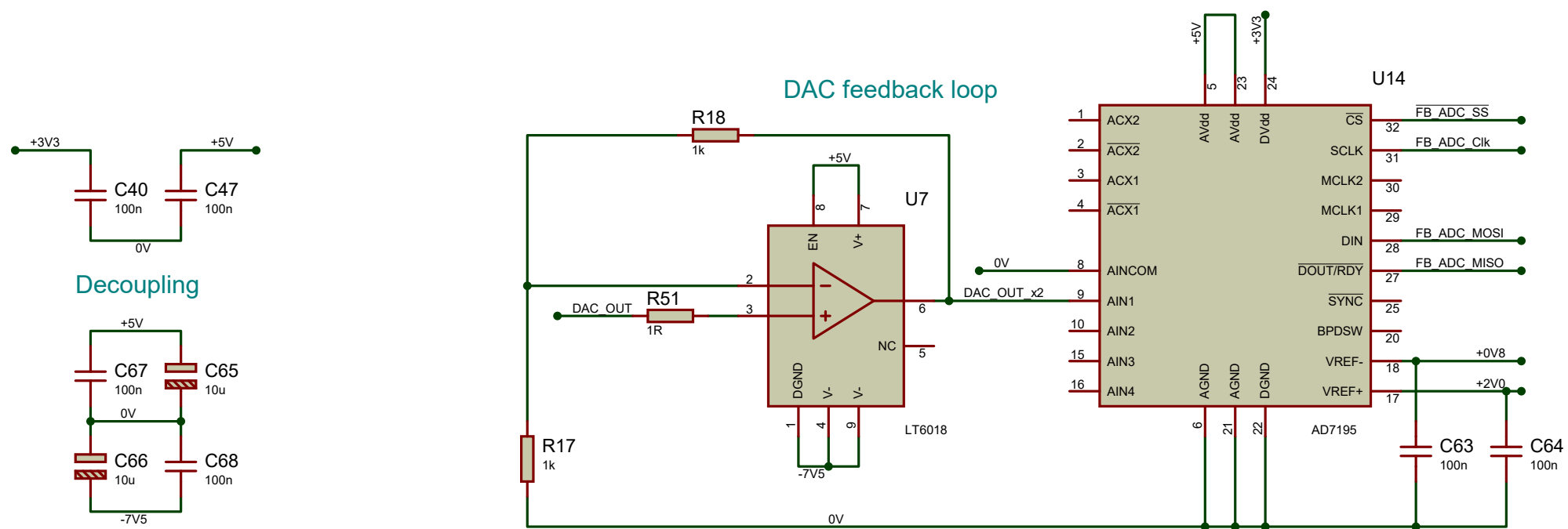


Minor DAC scaled down by factor of 4096

Output range is 0.4 to 1.0V

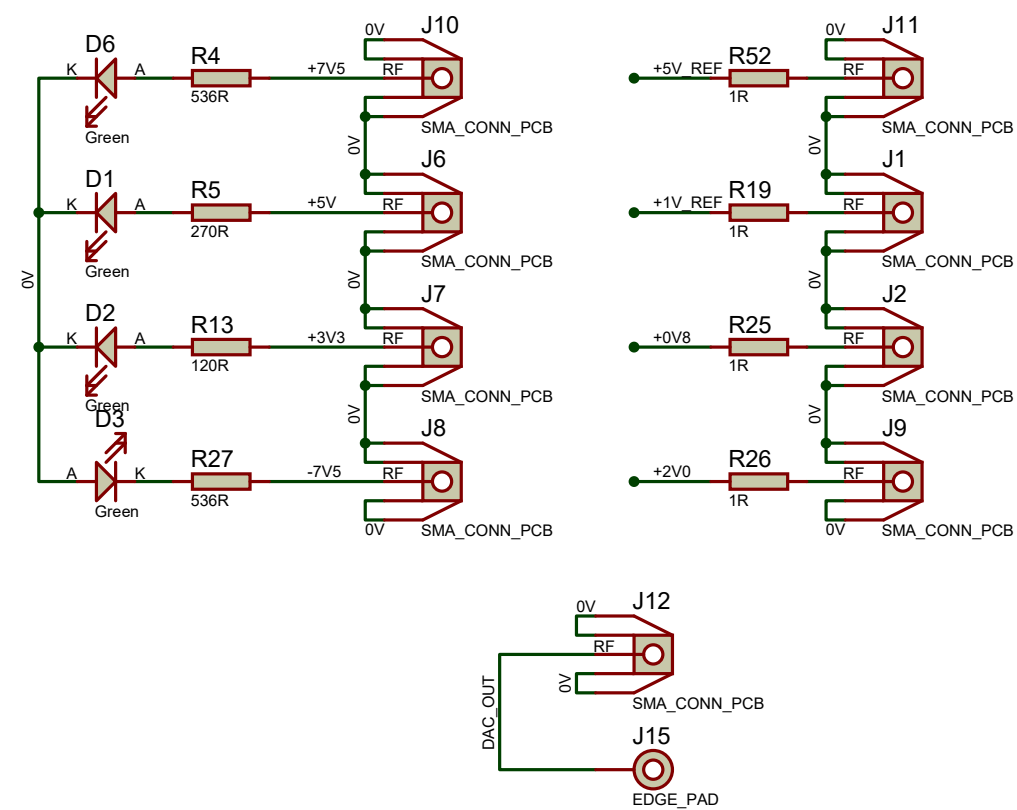
Summing amp includes a 8.7Hz LPF

ADC



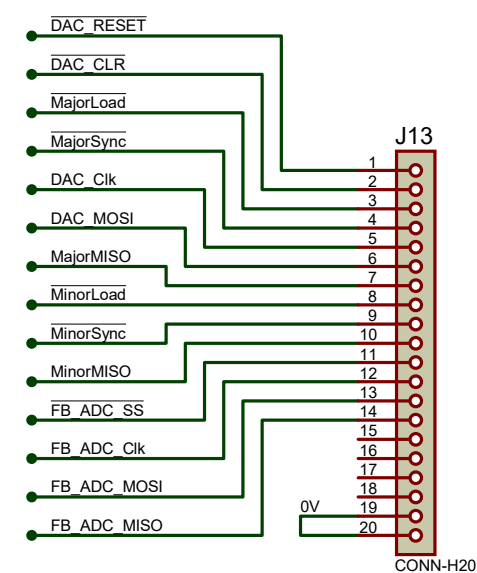
Debugging

Voltage monitoring points



MCU connectivity

To Atmel SAML22 dev board



Mounting posts and ground stitching

