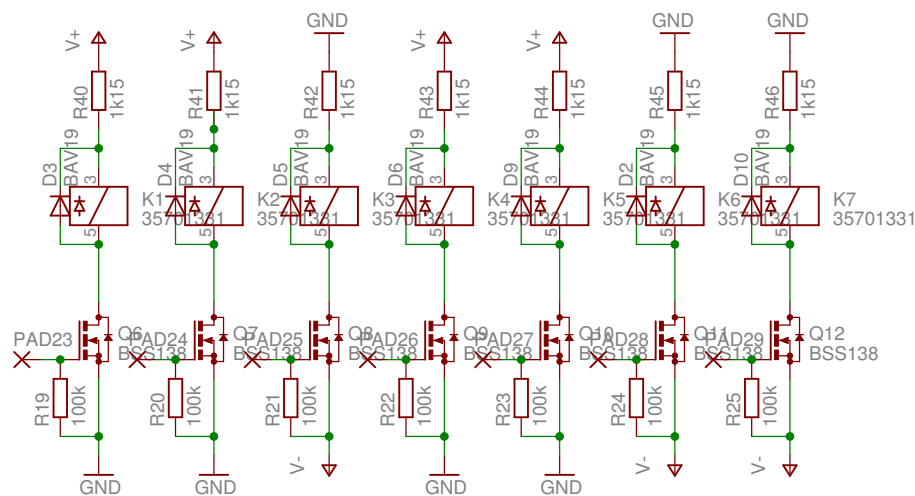
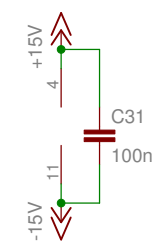
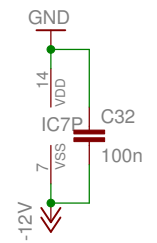
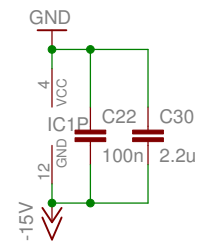
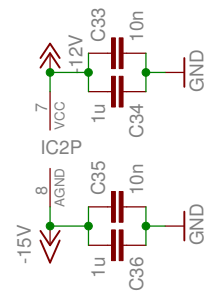
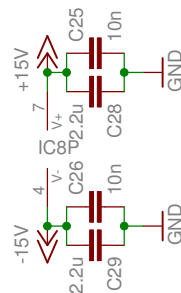
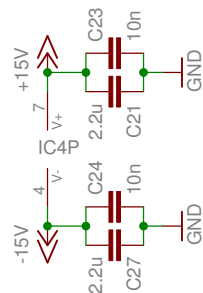
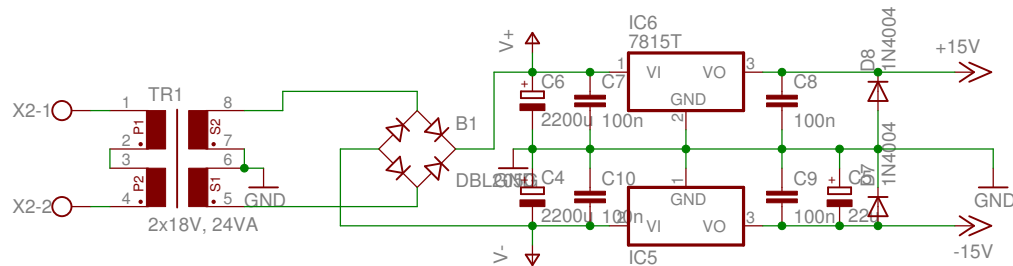




$U_{max} = 18V \cdot \sqrt{2} \cdot 1.1 \cdot 1.2 - 1.4V = 32.1V$
 $U_{min} = 18V \cdot \sqrt{2} \cdot 0.9 - 1.4V - 2V = 19.5V$
 1,1 ... Netzüberspannung
 0,9 ... Netzunterspannung
 1,2 ... Trafo-Faktor-Leerlaufspannung
 1,4V ... Gleichrichter
 2V ... Voltage-Drop Eingangskondensator (500mA + 2200uF)
 $R_{min} = 19.5V/9mA = 2166$
 $R_{max} = 32.1/15mA = 2140$
 $R_{Relais} = 1k \rightarrow R_v = 1k15$

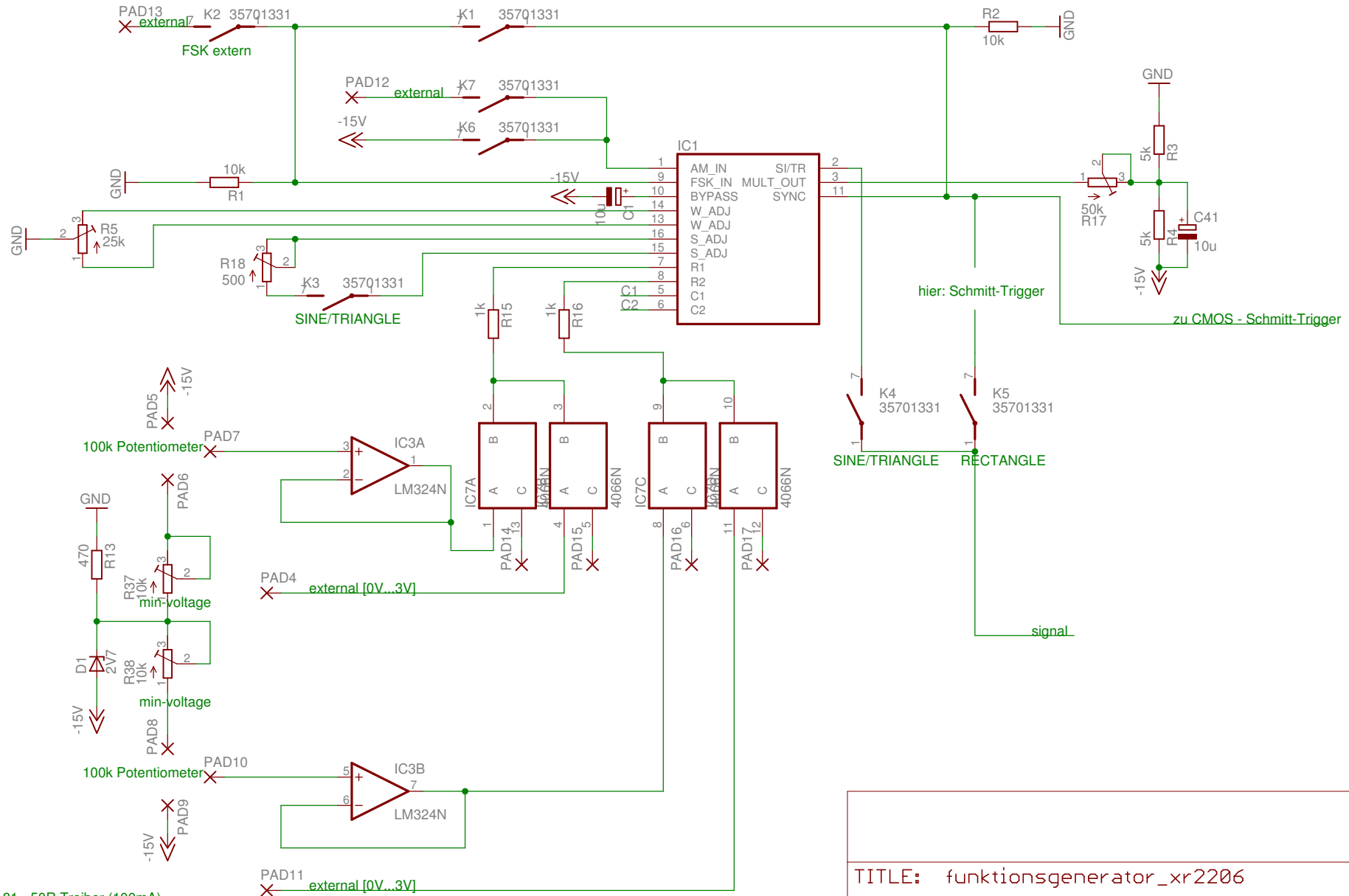
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->LM6181 - 50R Treiber (100mA)
 ->LM6171 (unity-gain-stable)

(lm7121)
 clamping-dioden @ special inputs
 AM_IN, FSK_IN, VCO

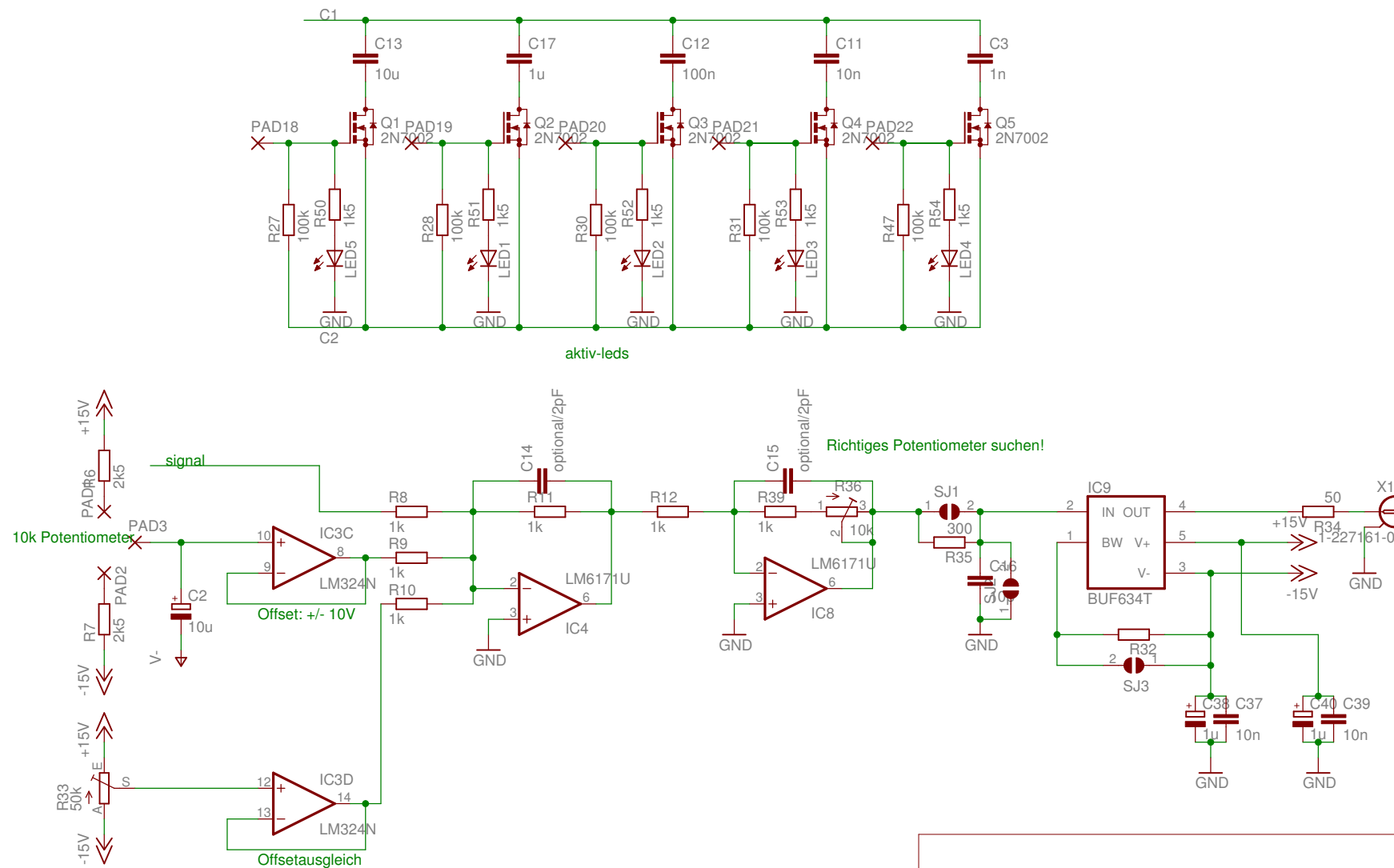
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