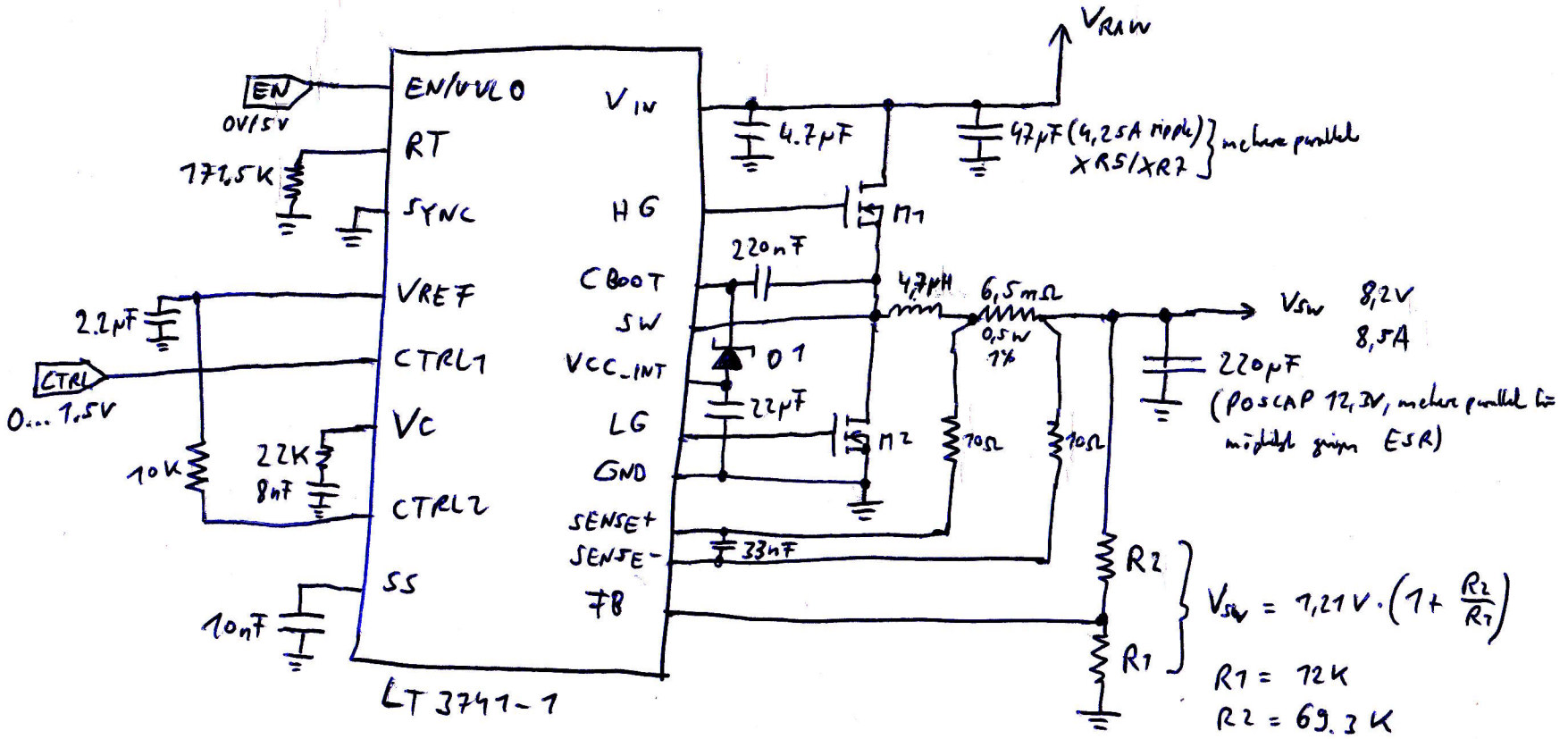

$V_{RAW} = 12\,V$

$I_{out,max} = 8,5\,A$

$I_{L,SATURATION} \geq 1,2 \cdot I_{OUT,MAX} = 10,2A$

$f_S = 250\,kHz$

$I_{OUT,Peak} \approx 9,6A$