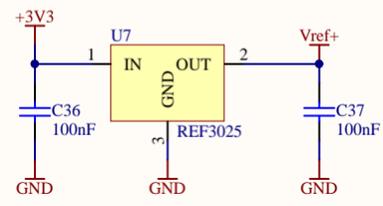
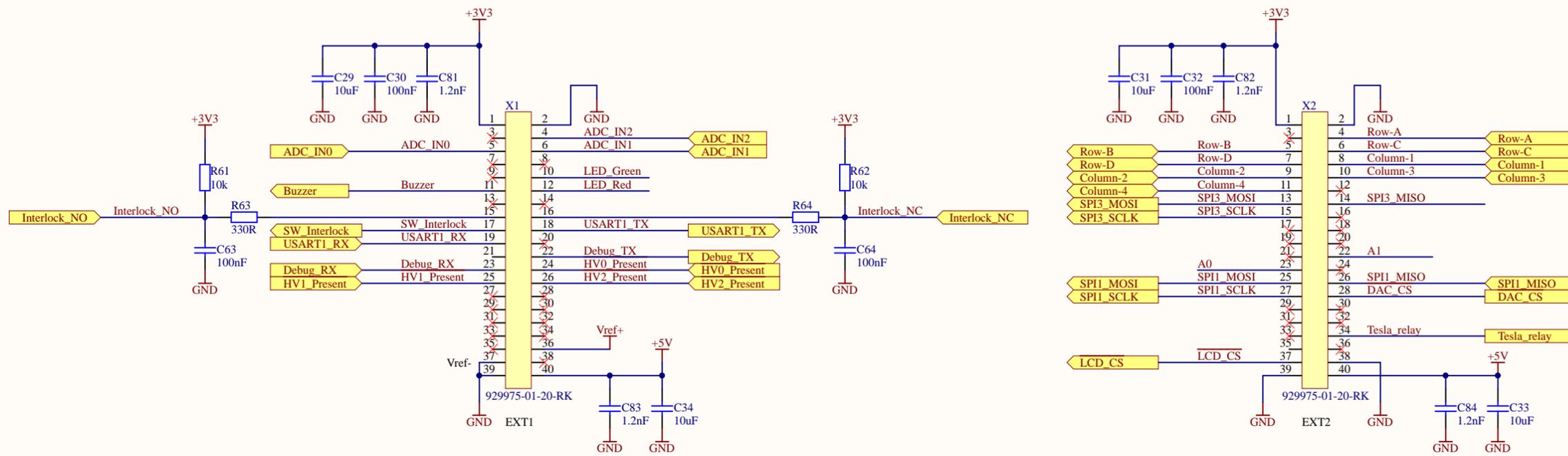
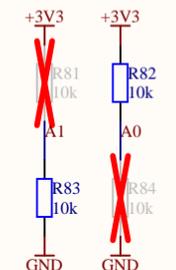


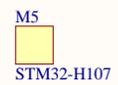
		Title:	
		HSB MRTS Anode-Tesla Top	
Drawn: TLa	Number: 1.	Rev: MLA-0387-A1 PB0	
Checked: GSc	Date: 28-11-2017	Sheet: 1 of 6	
File: Top.SchDoc			



ADC 2V5 reference voltage

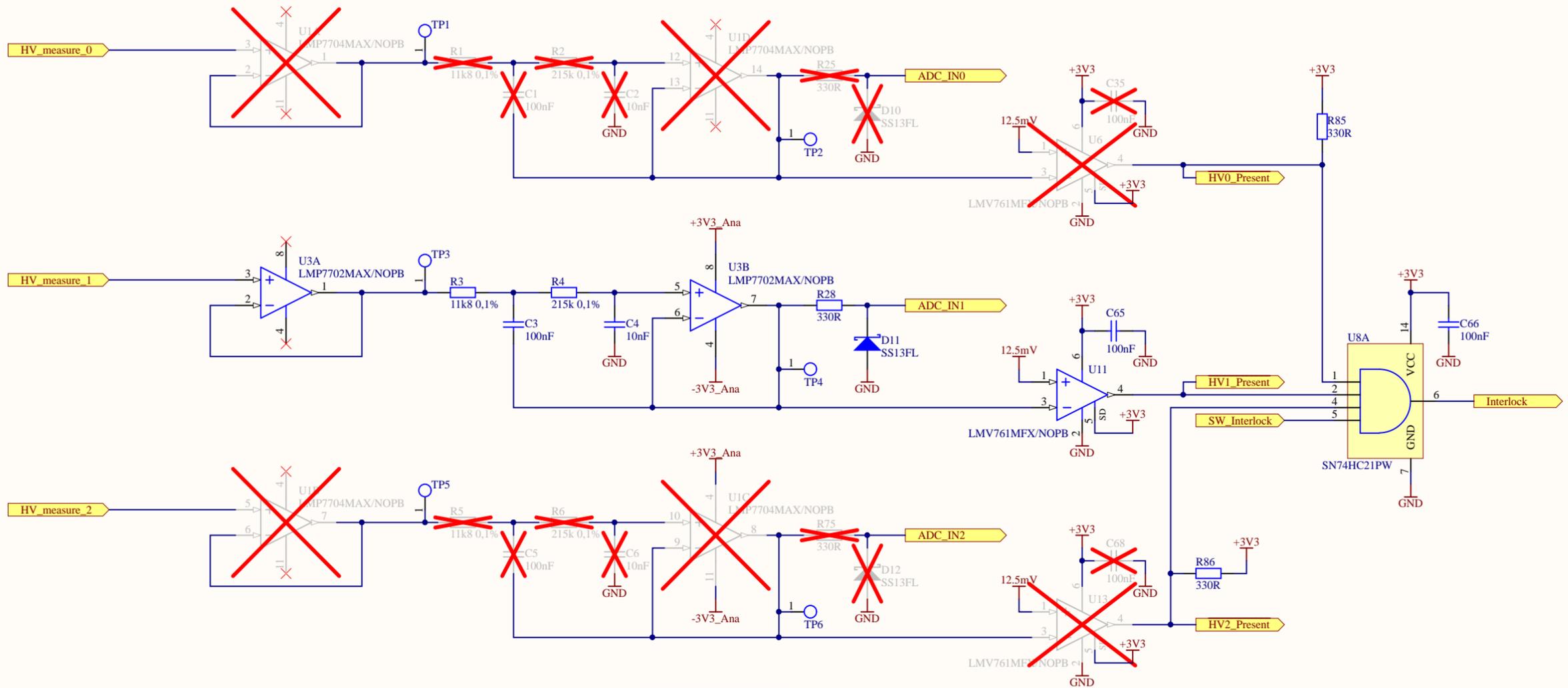


A1	A0	0	0
MLA-0387-A0	0	0	
MLA-0387-A1	0	1	
MLA-0387-A2	1	0	

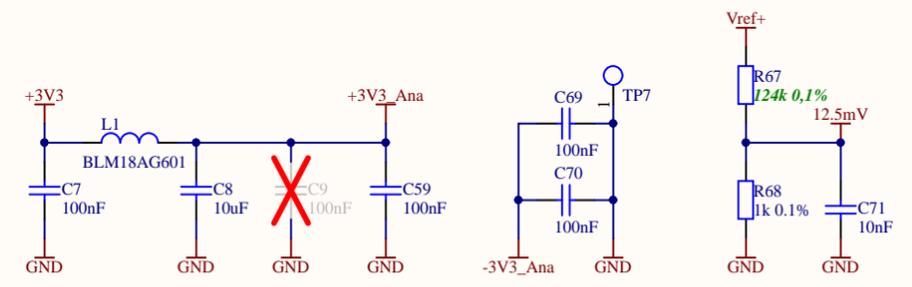


Remove jumper PWR_SEL
Remove resistor R2

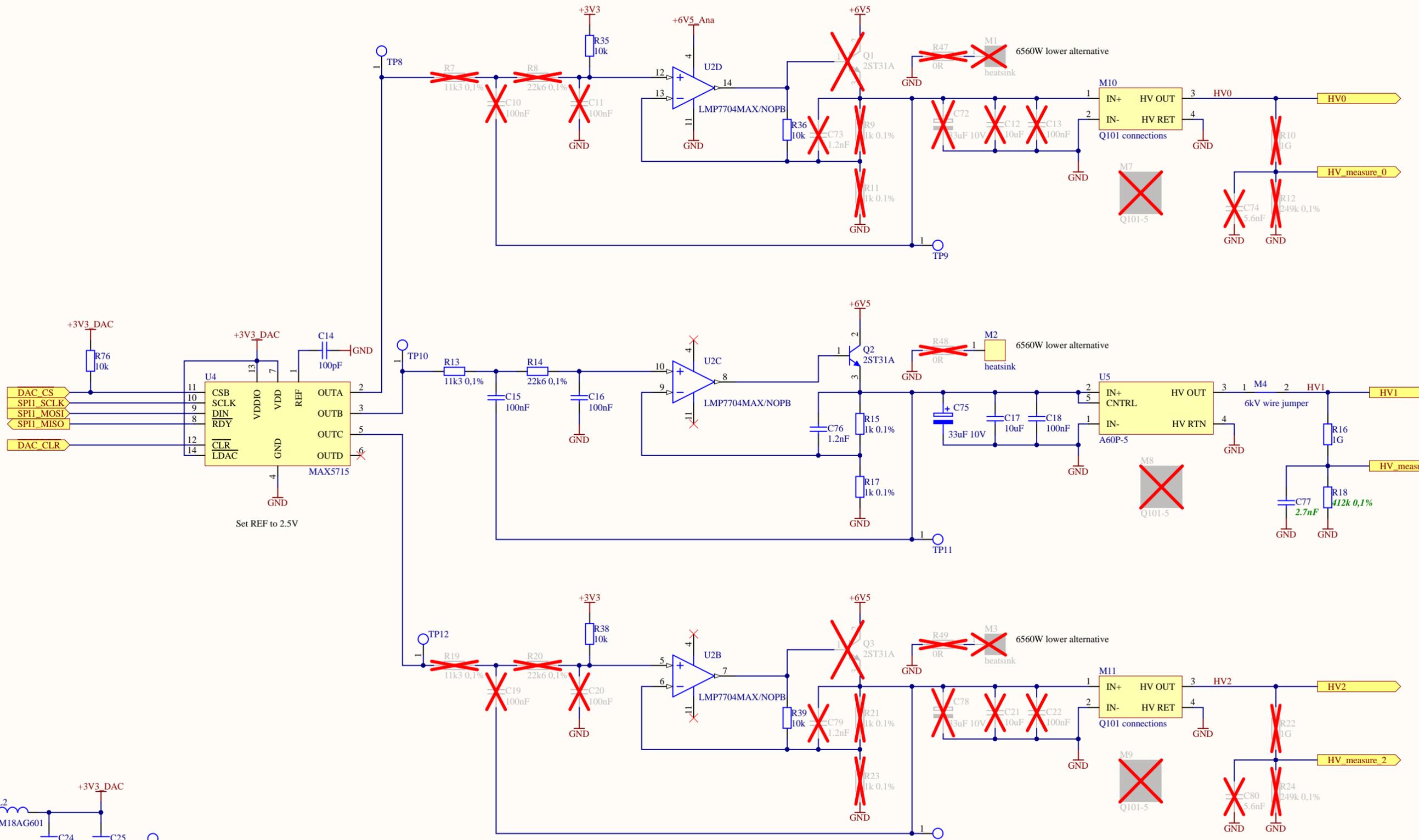
	Title: Microcontroller	
	Drawn: TLa	Number: 2.
Checked: GSc	Date: 28-11-2017	Sheet: 2 of: 6
File: Microcontroller.SchDoc		



2nd order Butterworth filter
 -3dB @ 100Hz
 Gain= 1

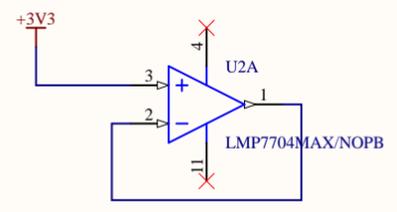
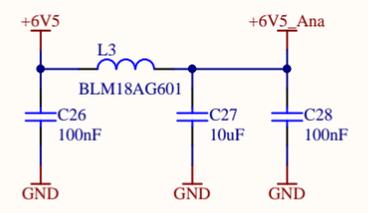
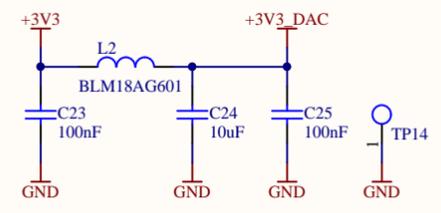


		Title: Analog In	
Drawn: TLa	Number: 3.	Rev:MLA-0387-A1 PBO	
Checked: GSc	Date: 28-11-2017	Sheet:3 of: 6	
File: Analog in.SchDoc			

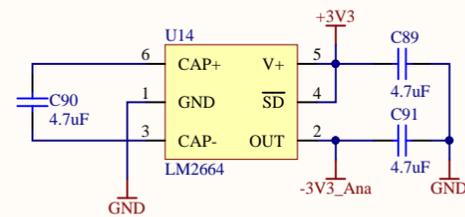
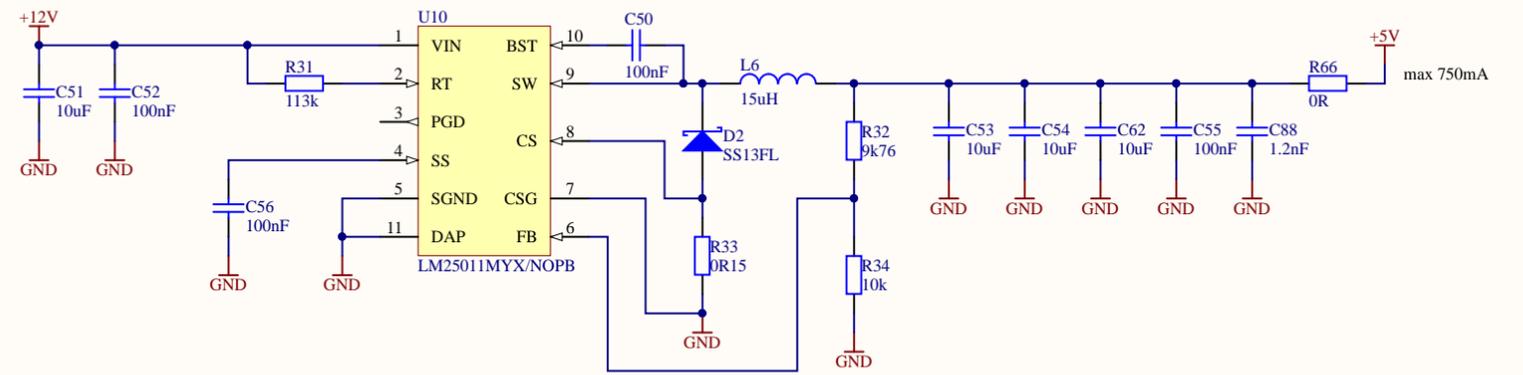
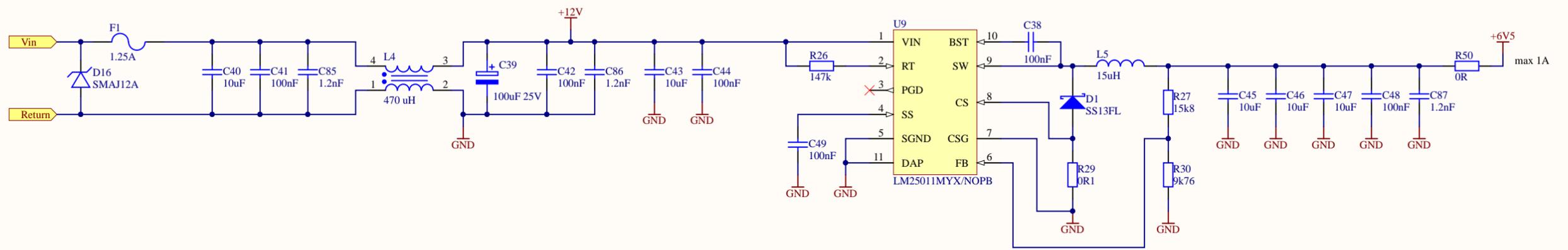


Set REF to 2.5V

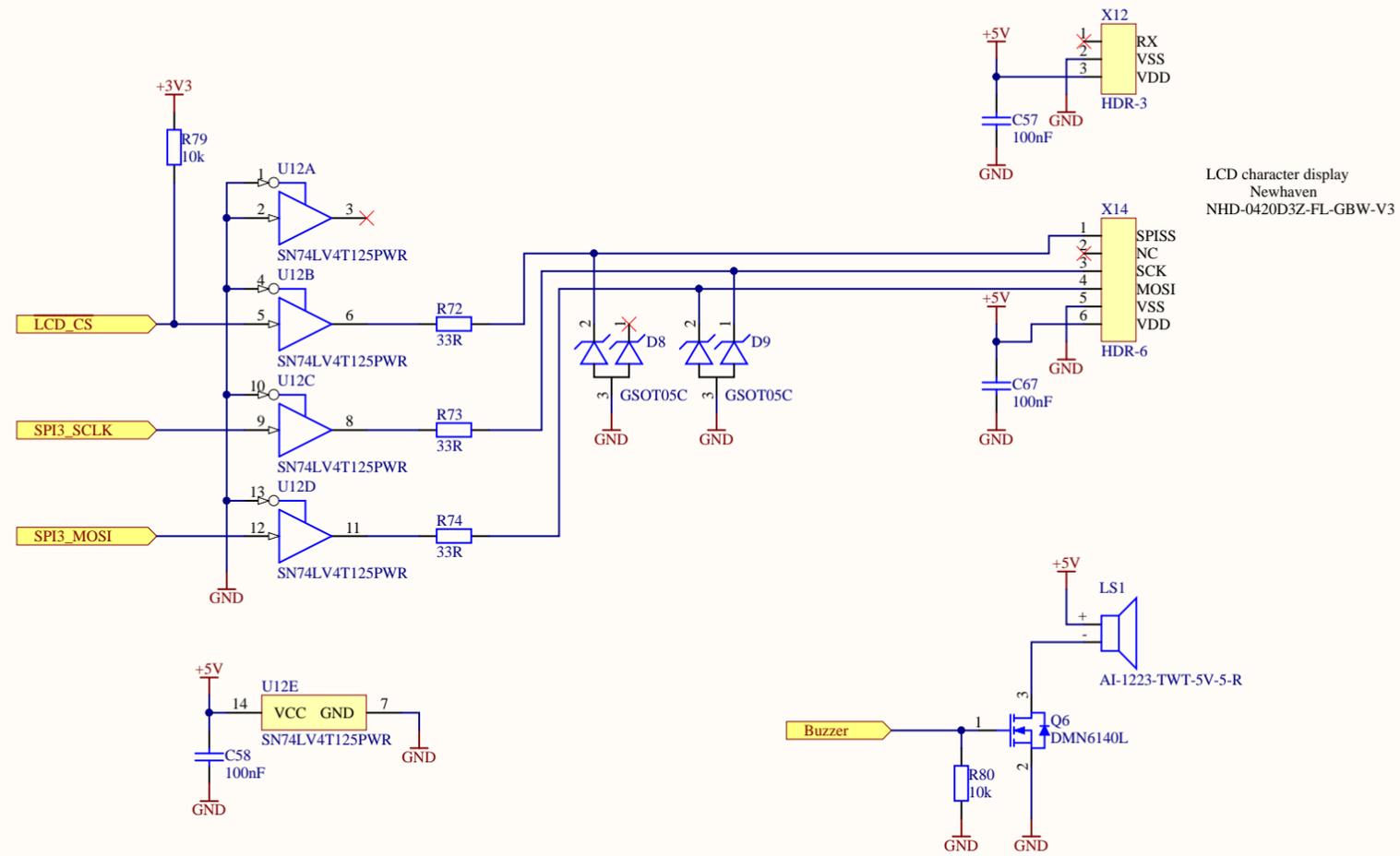
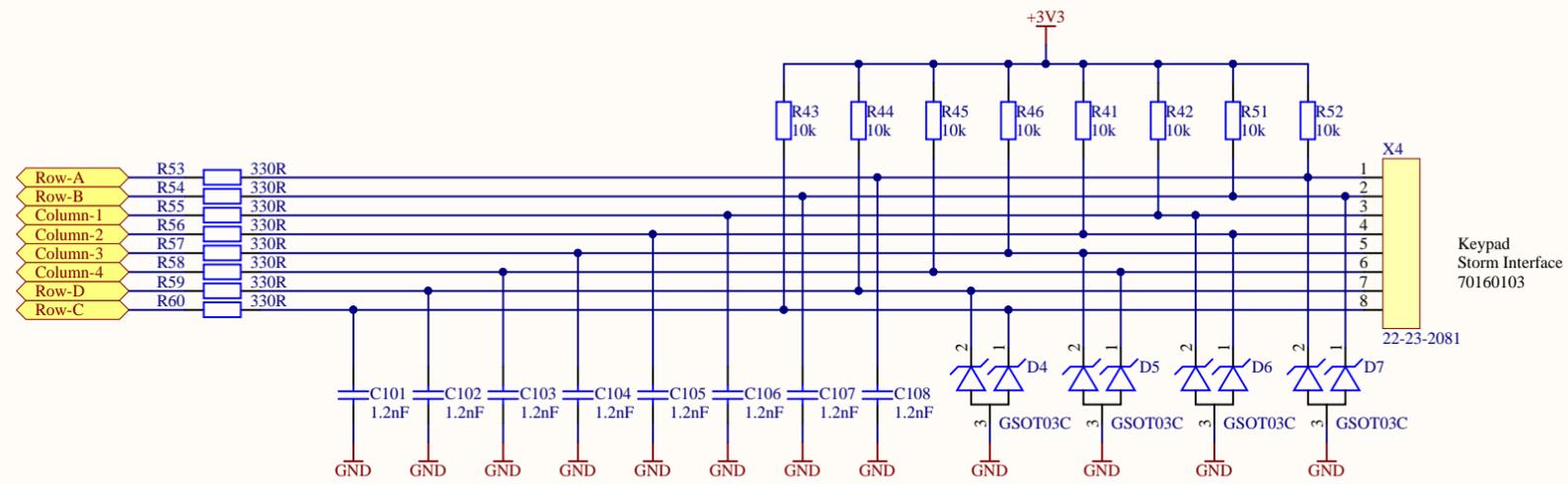
2nd order Butterworth filter
 -3dB @ 100Hz
 Gain= 2



		Title:	
		High Voltage Power Supplies	
Drawn: TLa	Number: 4.	Rev: MLA-0387-A1 PBO	
Checked: GSc	Date: 28-11-2017	Sheet: 4 of 6	
File: HV Power supplies.SchDoc			



	Title: Power Supplies	
	Drawn: TLa	Number: 5.
Checked: GSc	Date: 28-11-2017	Sheet: 5 of 6
File: Power supplies.SchDoc		



	Title: User Interface	
	Drawn: TLa	Number: 6.
Checked: GSc	Date: 28-11-2017	Sheet: 6 of 6
File: User Interface.SchDoc		