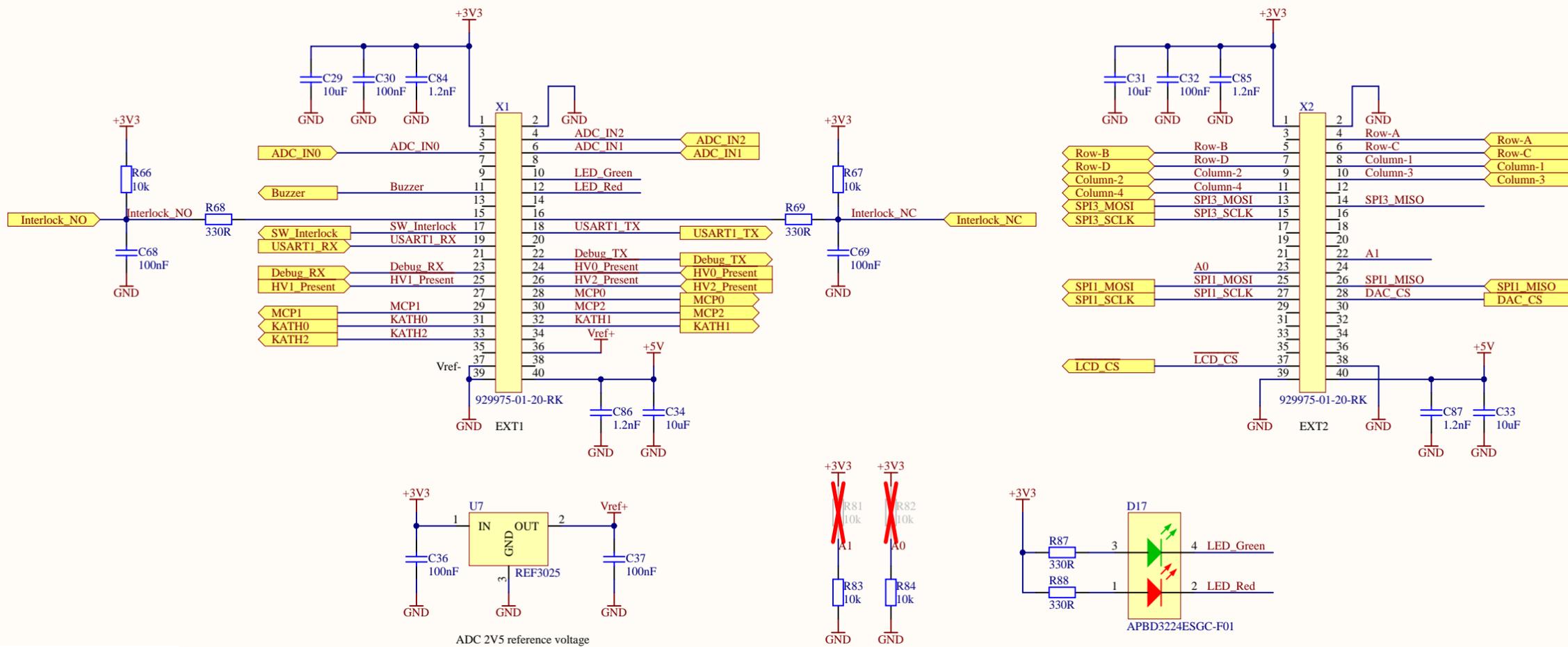


SN1 Serial Number
 PCB1 MLA-0387-P0-PB1
 FID1 FID2 FID3
 FID4 FID5 FID6

Micro-Key Embedded Technology Experts		Title: HSB MRTS Kathode-MCP Top	
Drawn: TLa Checked: GSc File: Top.SchDoc	Number: 1. Date: 5-12-2017	Rev: MLA-0387-A0 PB1 Sheet: 1 of 6	

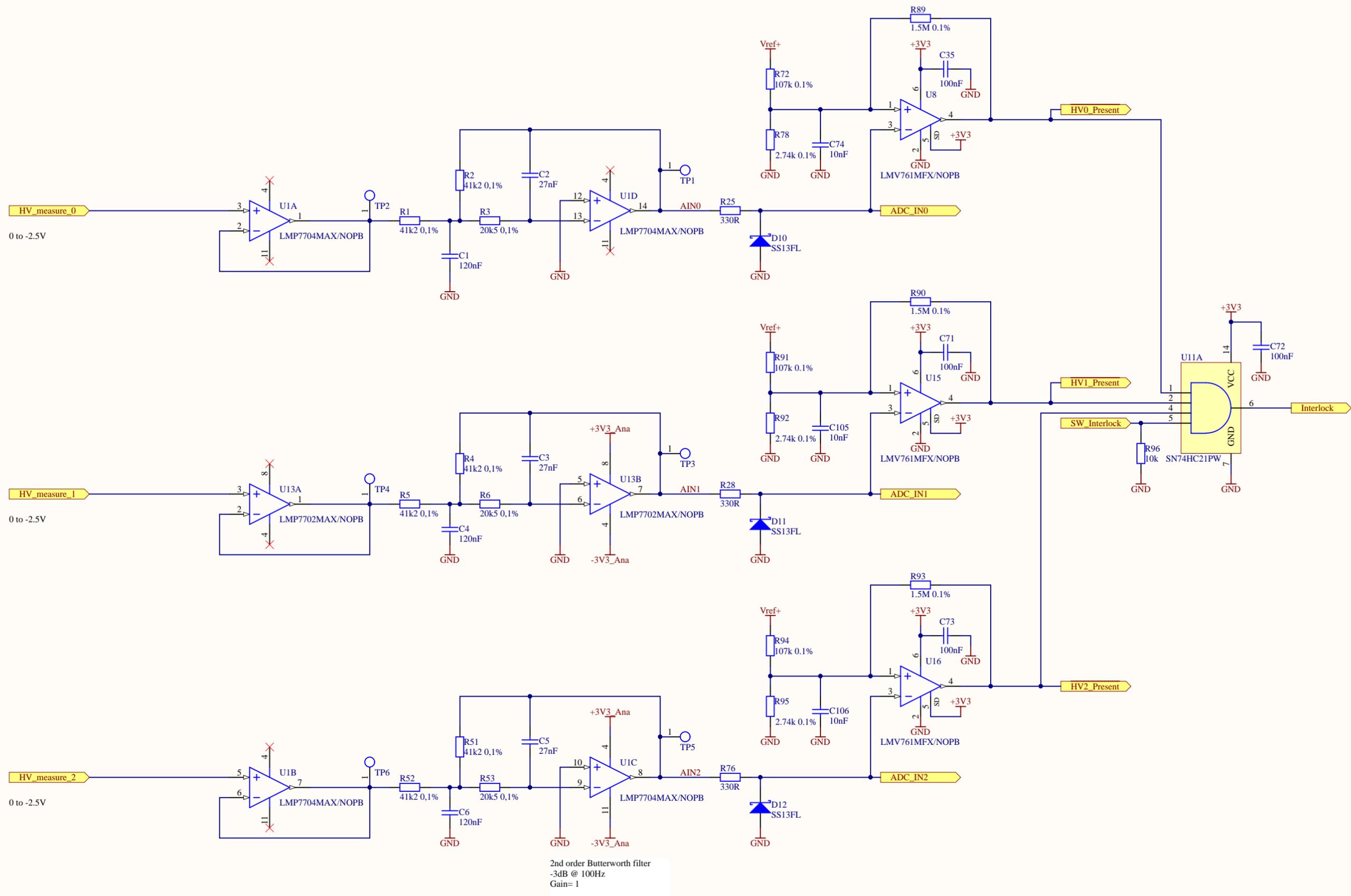


Remove jumper PWR_SEL
Remove resistor R2

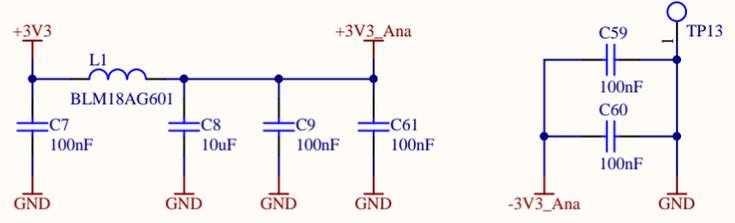
A1 A0
MLA-0387-A0 0 0
MLA-0387-A1 0 1
MLA-0387-A2 1 0

M4
STM32-H107

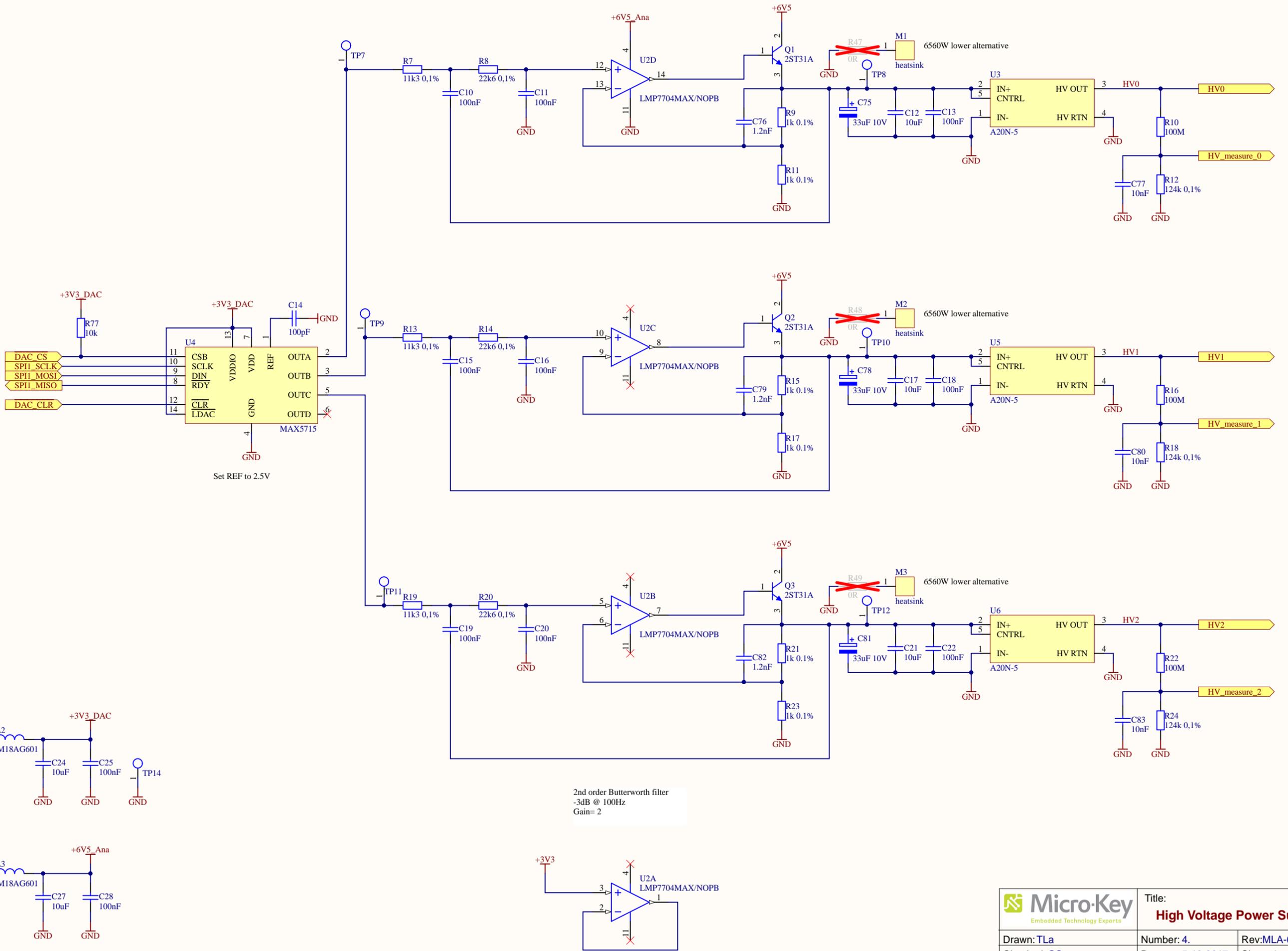
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Drawn: TLa	Number: 2.	Rev: MLA-0387-A0 PB1
Checked: GSc	Date: 5-12-2017	Sheet: 2 of 6
File: Microcontroller.SchDoc		



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

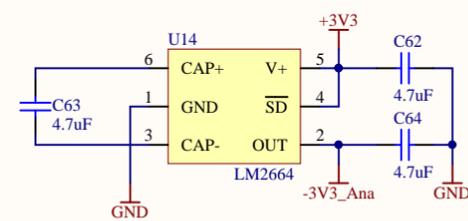
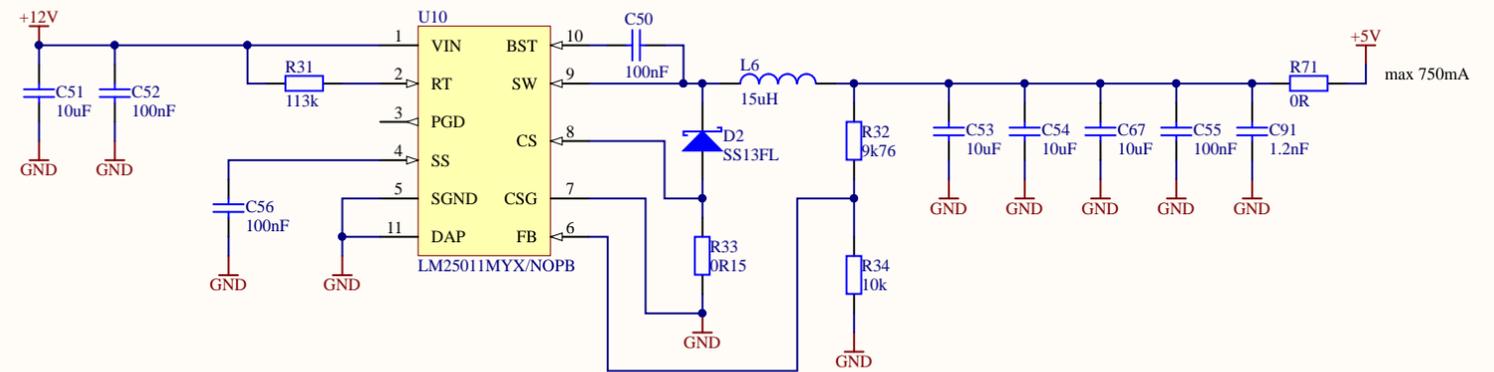
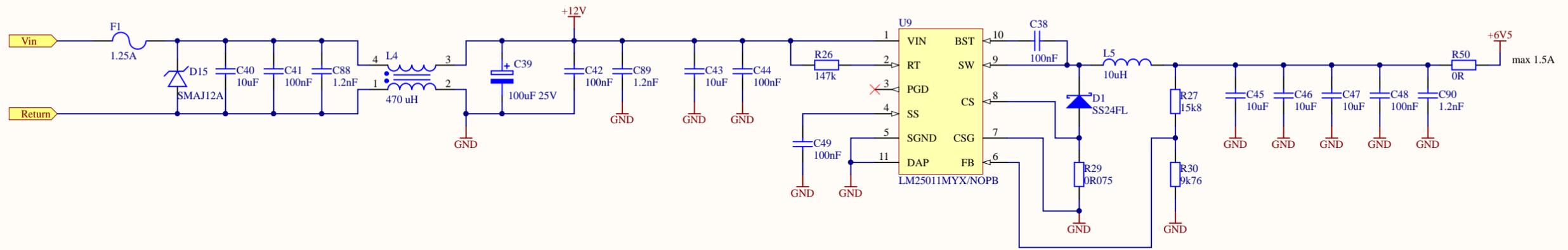


		Title: Analog In	
Drawn: TLa	Number: 3.	Rev: MLA-0387-A0 PB1	
Checked: GSc	Date: 5-12-2017	Sheet: 3 of 6	
File: Analog in.SchDoc			



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

		Title: High Voltage Power Supplies	
		Drawn: TLa	Number: 4.
Checked: GSc	Date: 5-12-2017	Sheet: 4 of 6	
File: HV Power supplies.SchDoc			



	Title: Power Supplies	
	Drawn: TLa	Number: 5.
Checked: GSc	Date: 5-12-2017	Sheet: 5 of 6
File: Power supplies.SchDoc		

