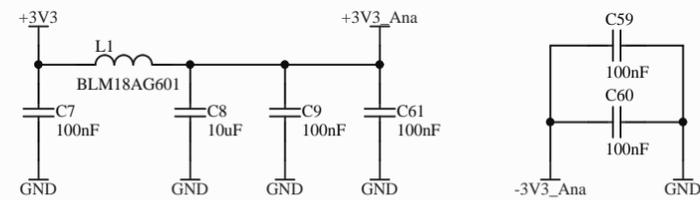
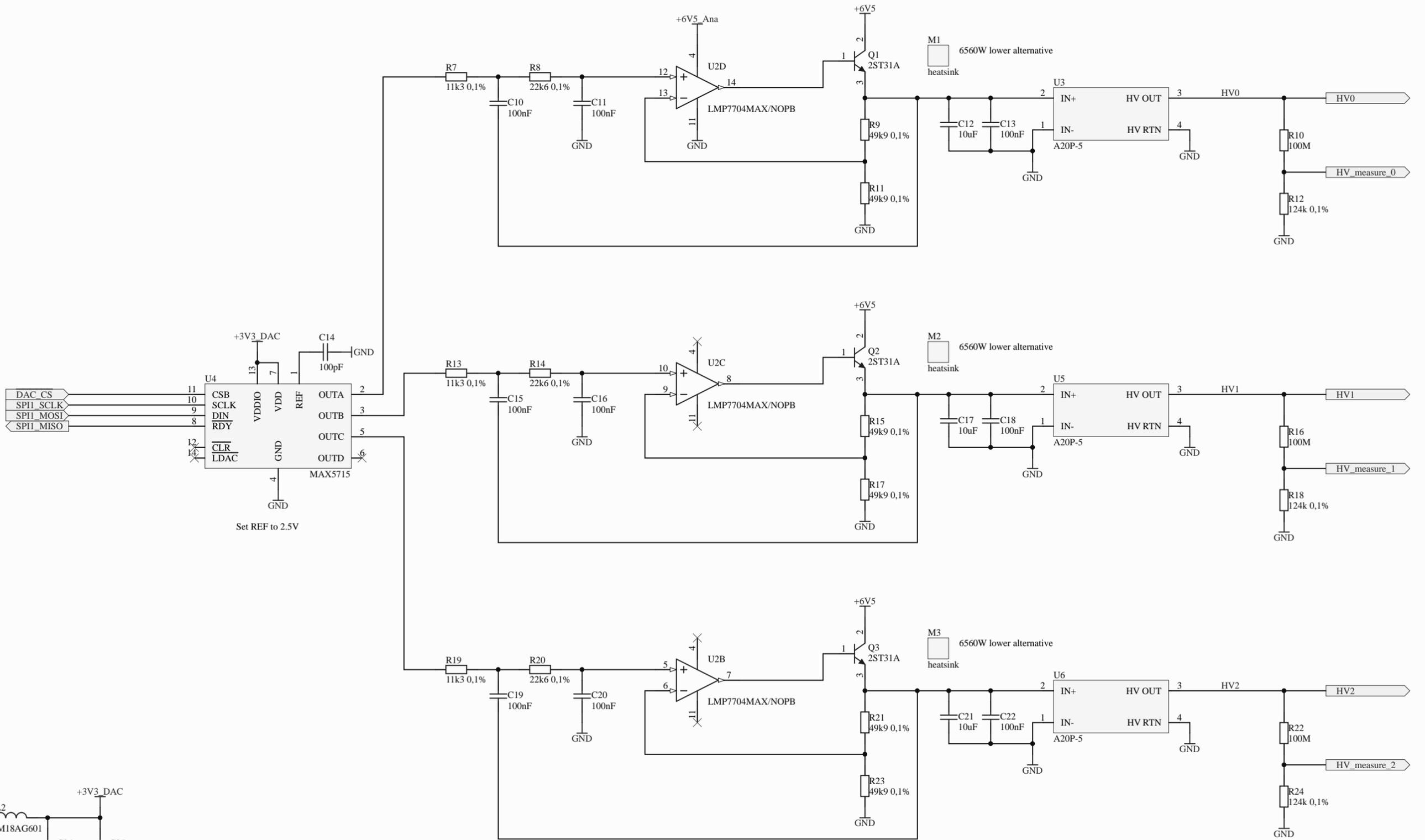


2nd order Butterworth filter
 -3dB @ 100Hz
 Gain= 1

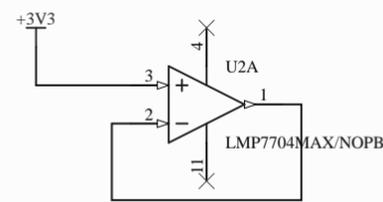
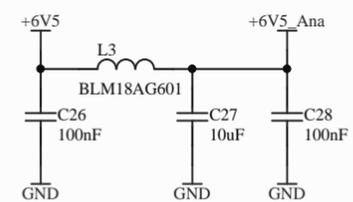
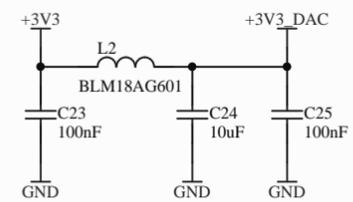


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	Drawn: TLa	Number: 1.	Rev: MLA-0387-A0 PA0
	Checked: GSc	Date: 22-5-2017	Sheet: of: 6
	File: Analog in.SchDoc		



Set REF to 2.5V

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



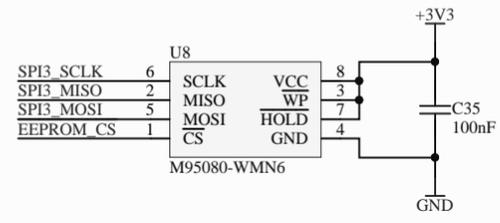
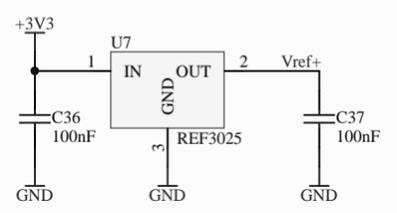
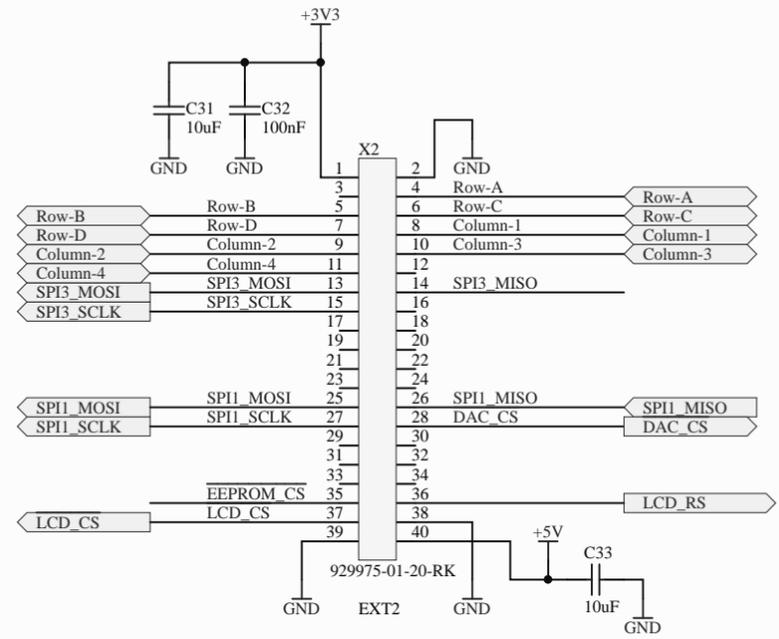
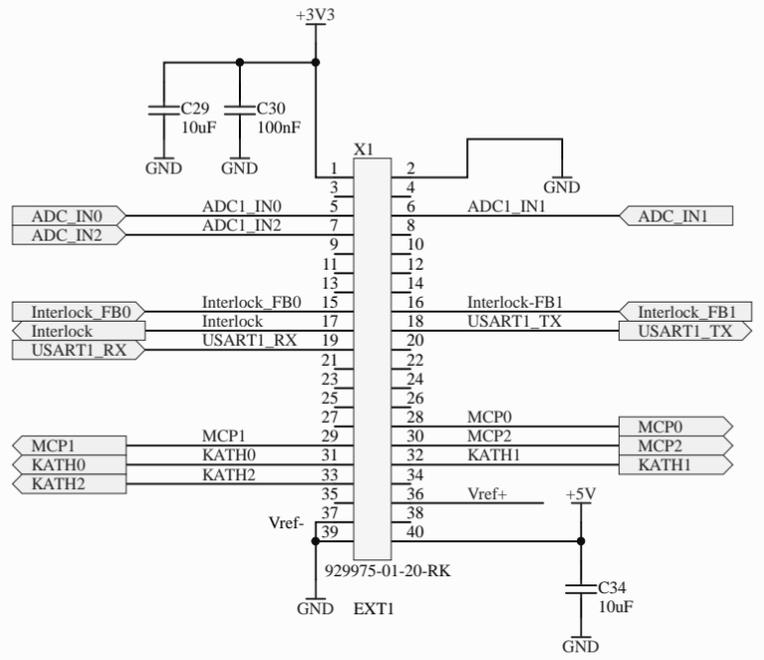
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File: HV Power supplies.SchDoc			

A

B

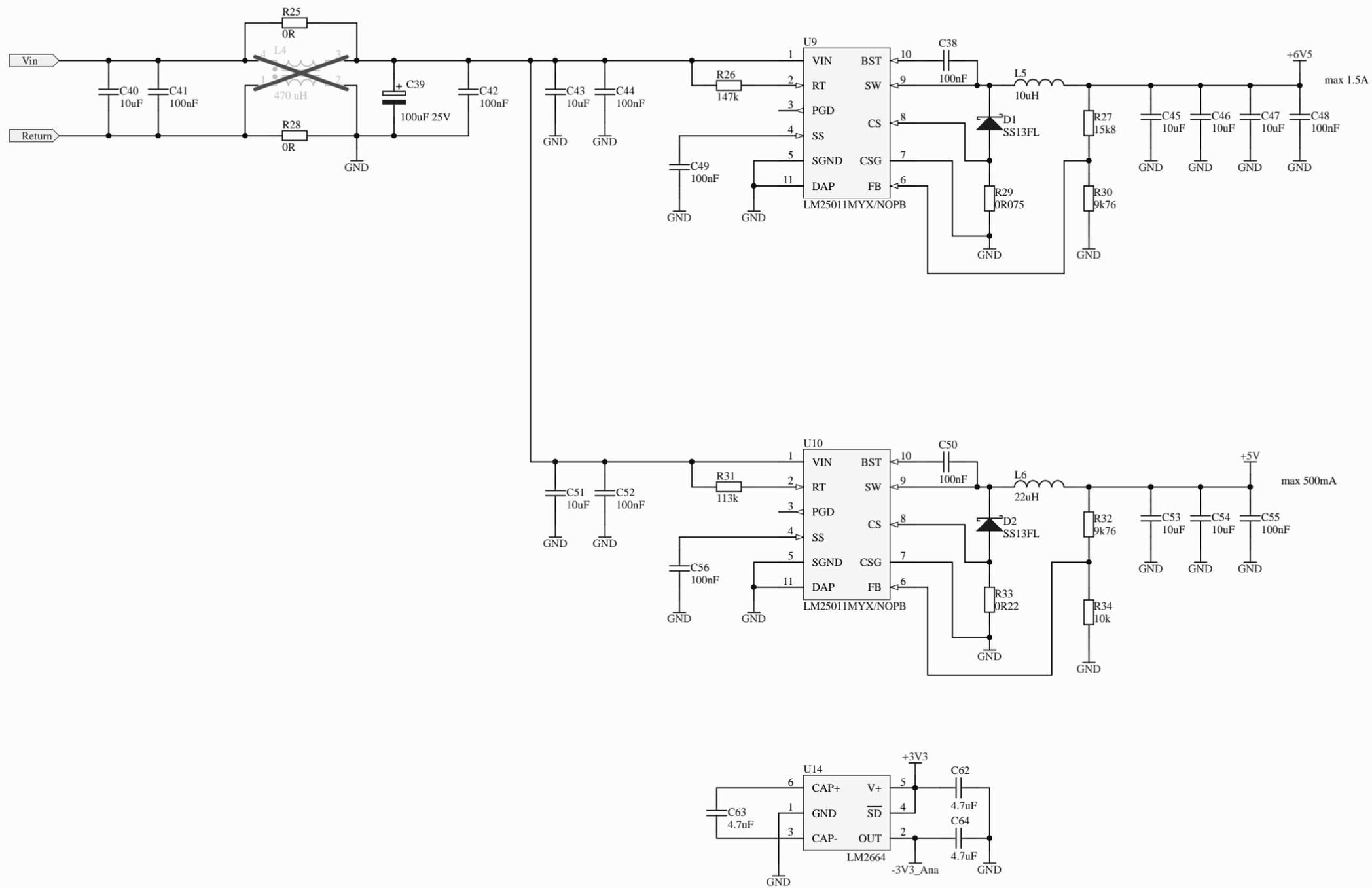
C

D

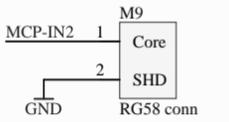
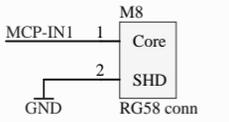
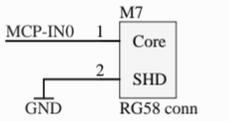
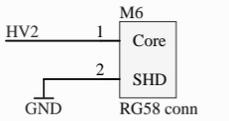
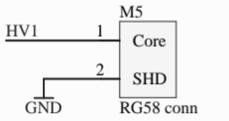
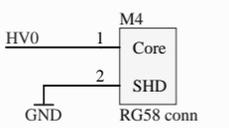
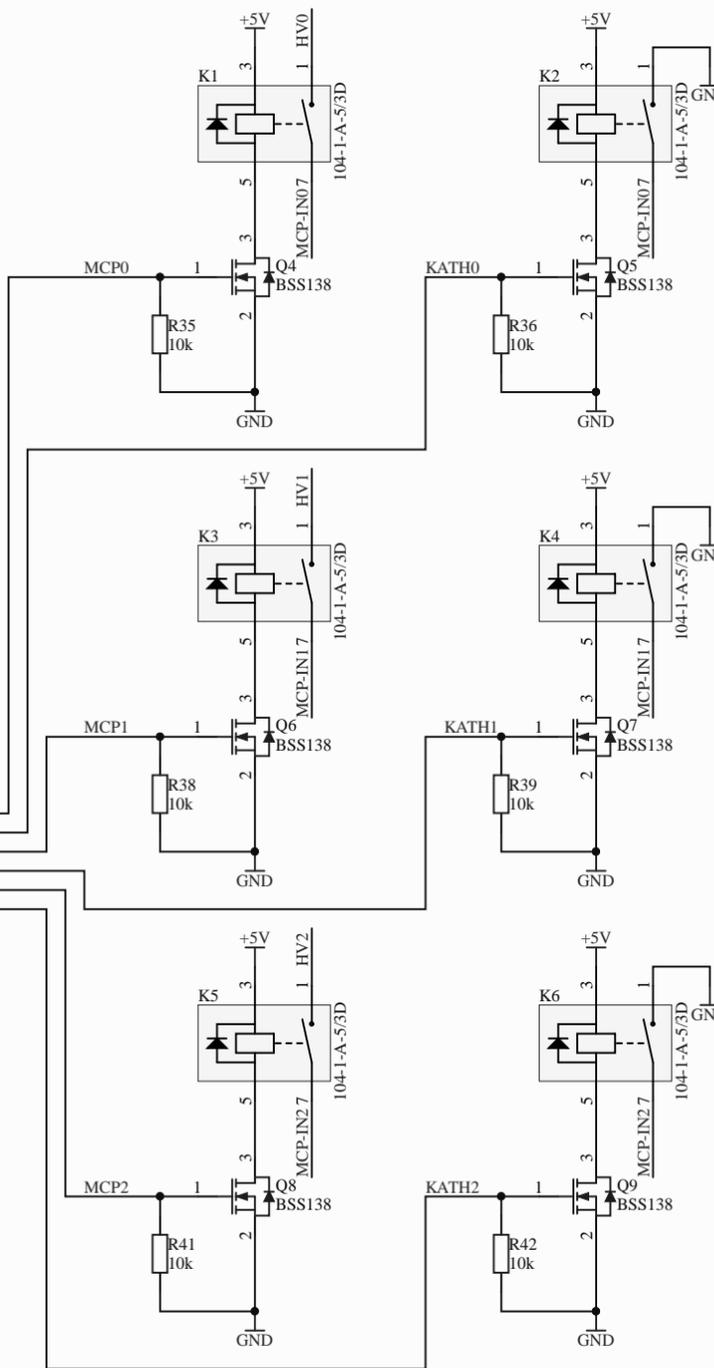
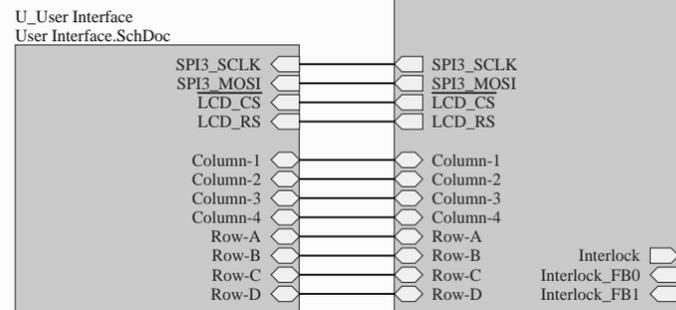
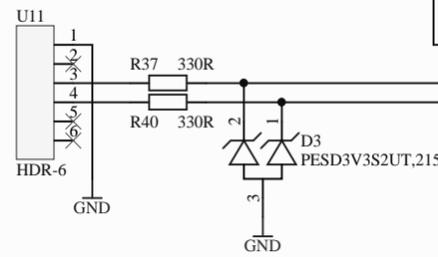
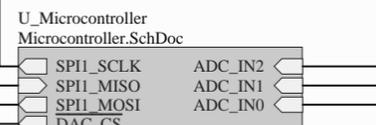
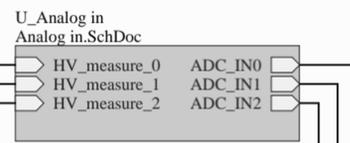
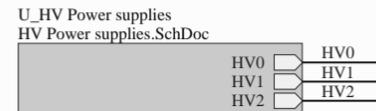
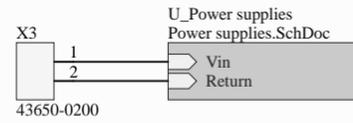


Remove jumper PWR_SEL
Remove resistor R2

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File: Microcontroller.SchDoc			



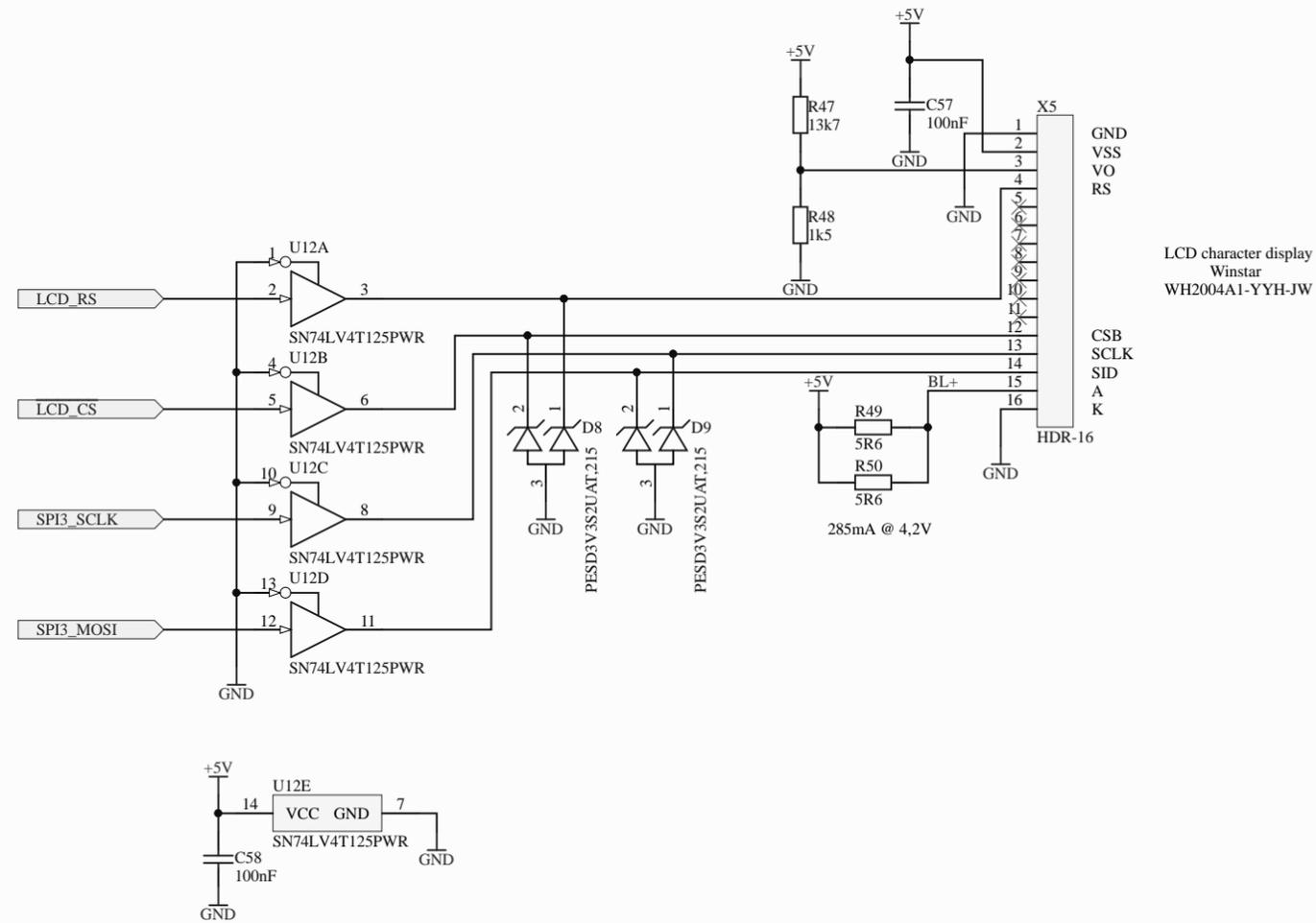
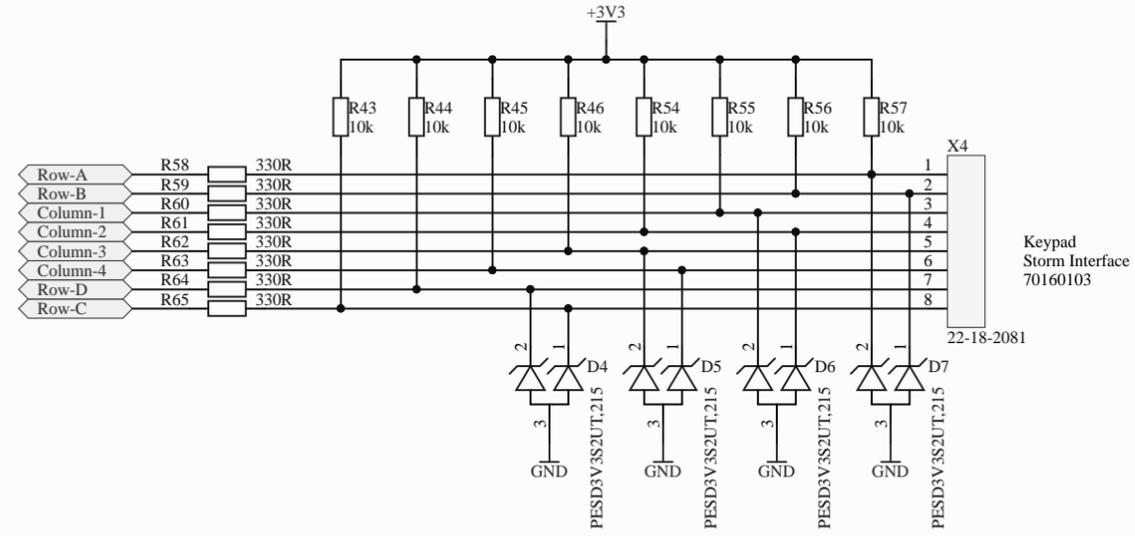
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Checked: GSc	Date: 22-5-2017	Sheet: of: 6
File: Power supplies.SchDoc		



PCB1
MLA-0387-P0-PA0

FID1 FID2 FID3
MH1 MH2 MH3 MH4 MH5 MH6
3.5mm 3.5mm 3.5mm 3.5mm 3.5mm 3.5mm

		Title: HSB MRTS Kathode-MCP Top	
		Drawn: TLa	Number: 1.
Checked: GSc	Date: 22-5-2017	Sheet: of: 6	
File: Top.SchDoc			



	Title: User Interface	
	Drawn: TLa	Number: 1.
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File: User Interface.SchDoc		