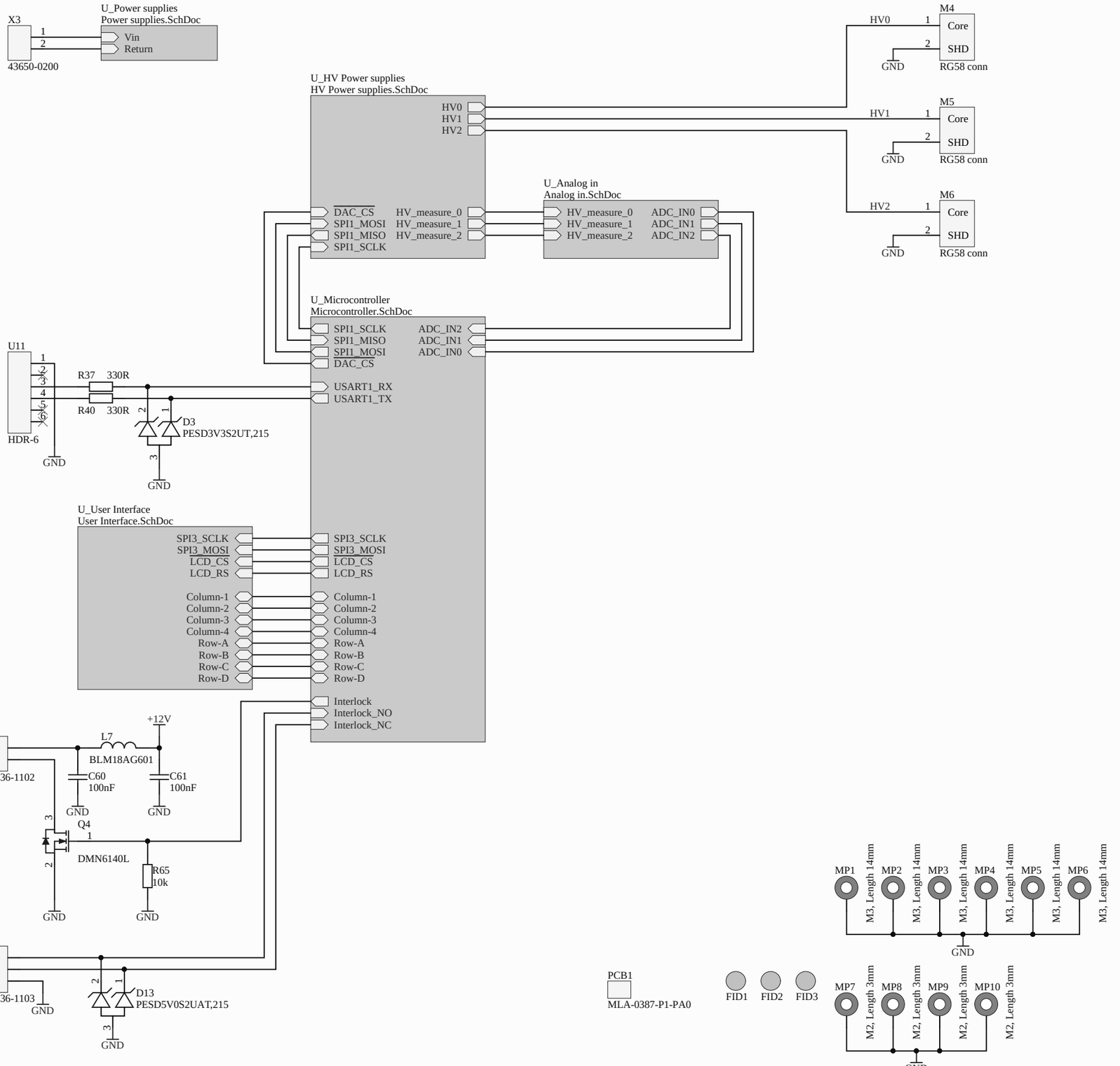
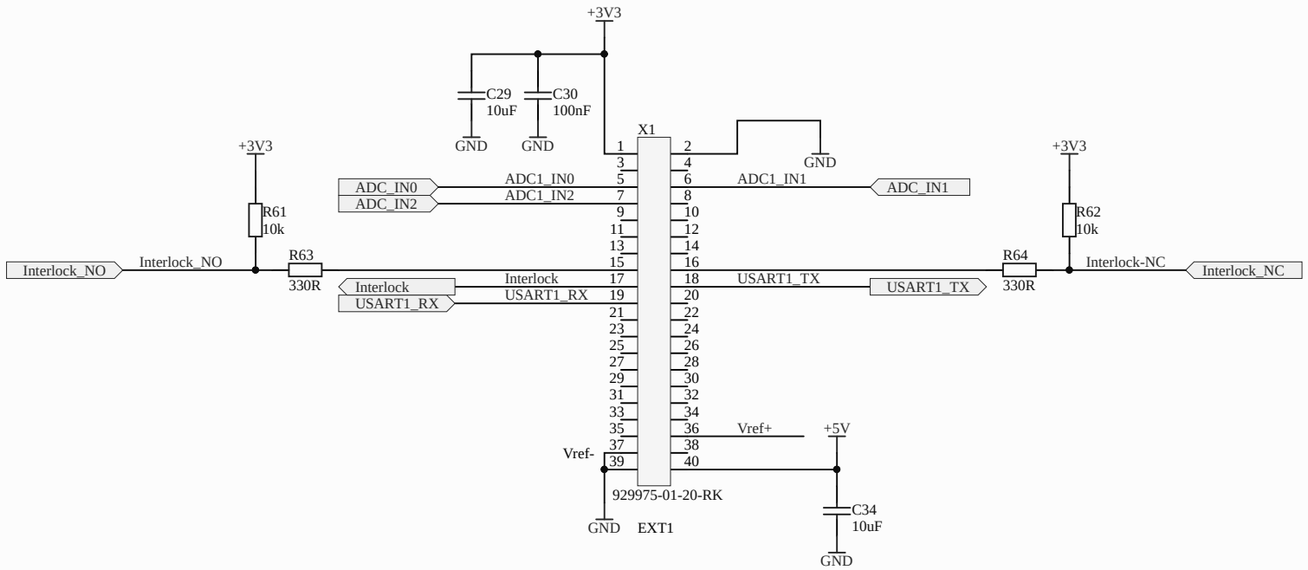
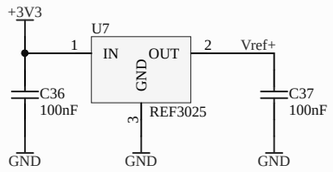
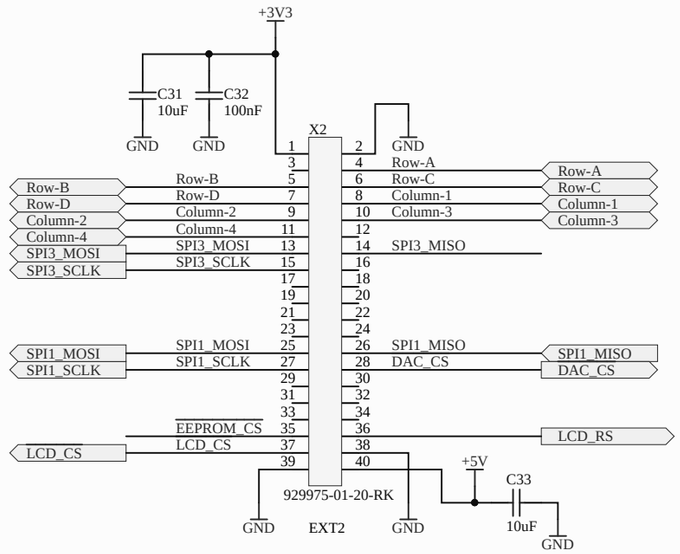


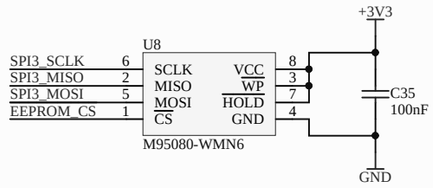
Micro·Key Embedded Technology Experts	Title: **HSB MRTS Anode-Tesla Top**	
Drawn: TLa	Number: 1.	Rev:MLA-0387-A1 PA0
Checked: GSc	Date: 23-6-2017	Sheet:1 of: 6
File: Top.SchDoc		





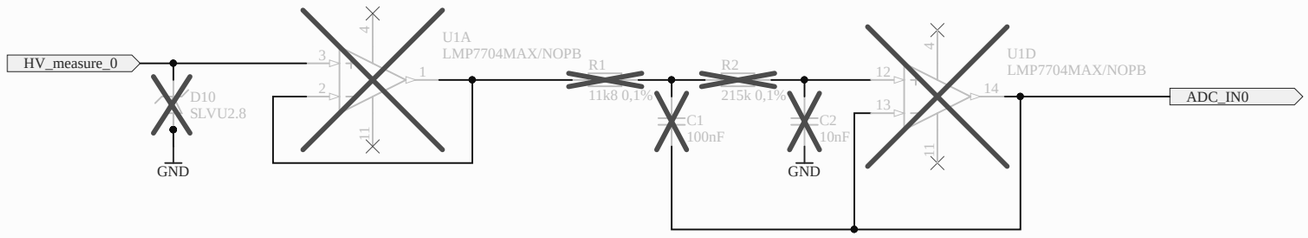
ADC 2V5 reference voltage

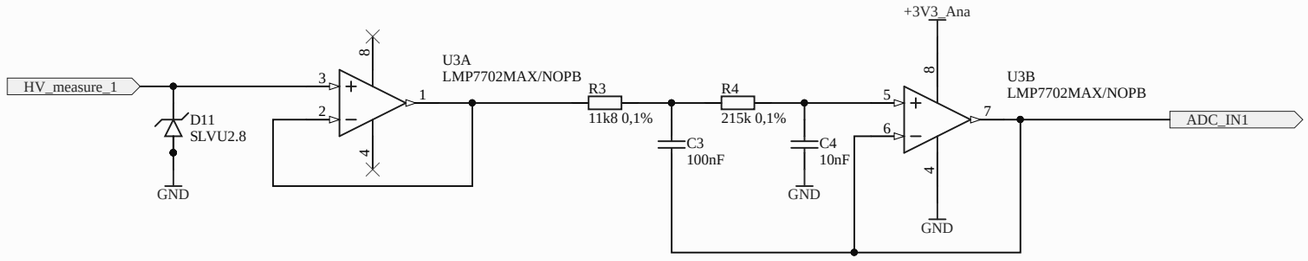


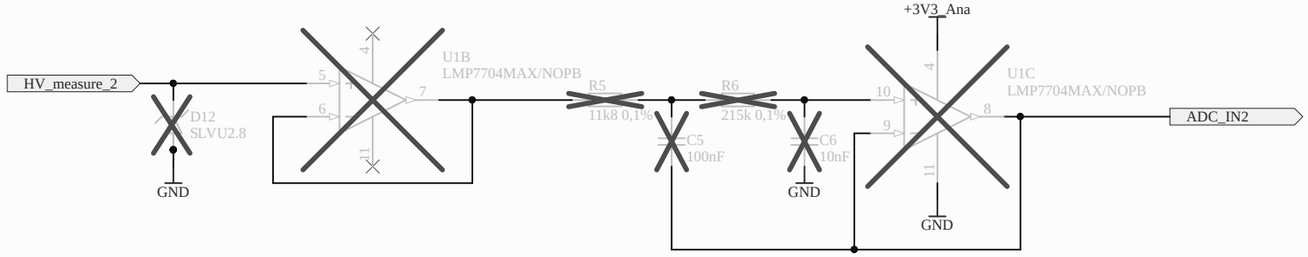


Remove jumper PWR_SEL
Remove resistor R2

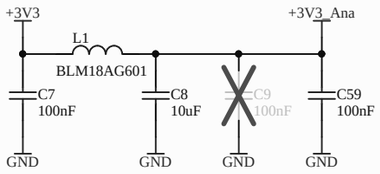
Micro·Key Embedded Technology Experts	Title: **Microcontroller**	
Drawn: TLa	Number: 2.	Rev:MLA-0387-A1 PA0
Checked: GSc	Date: 23-6-2017	Sheet:2 of: 6
File: Microcontroller.SchDoc		



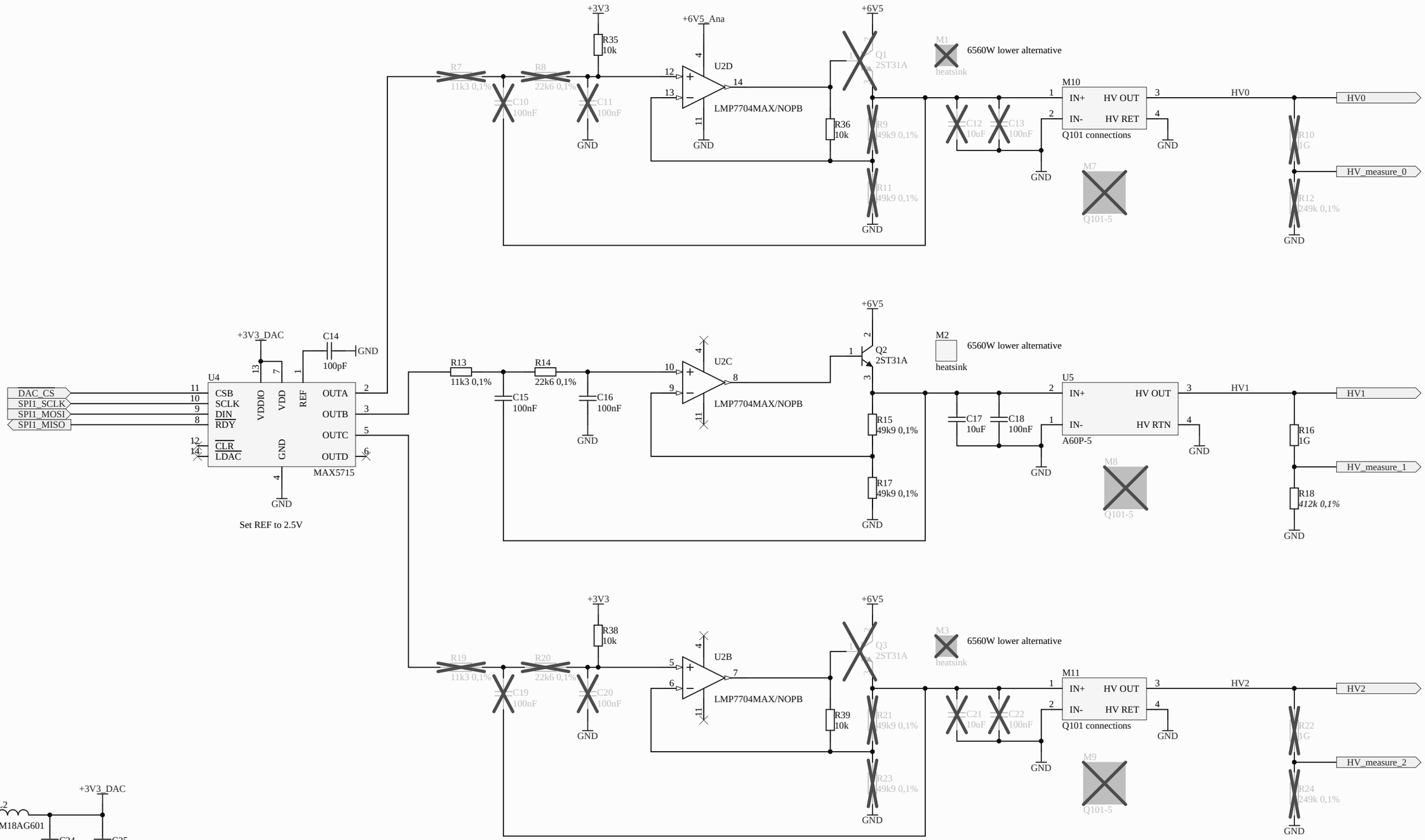




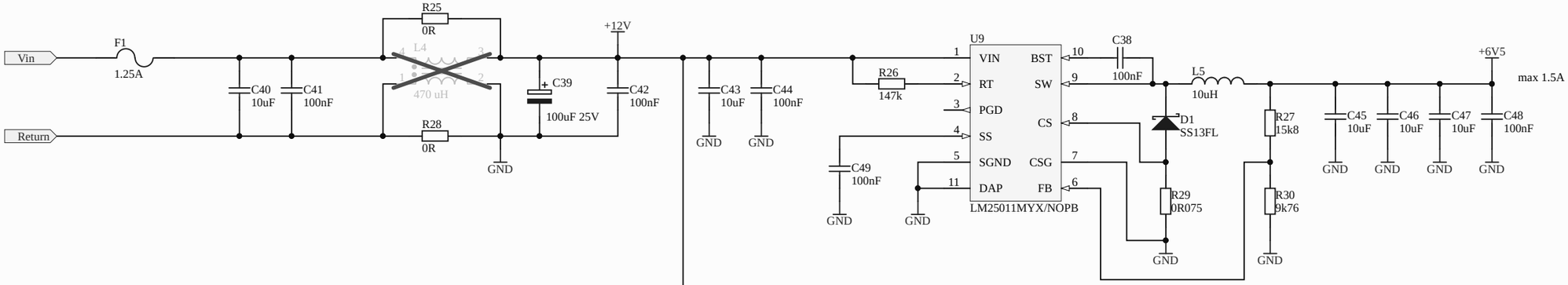
2nd order Butterworth filter
-3dB @ 100Hz
Gain= 1

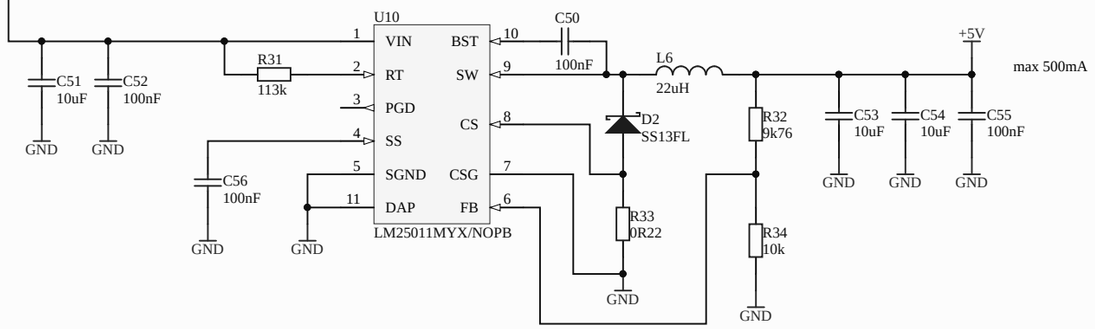


Micro·Key Embedded Technology Experts	Title: **Analog In**	
Drawn: TLa	Number: 3.	Rev:MLA-0387-A1 PA0
Checked: GSc	Date: 23-6-2017	Sheet:3 of: 6
File: Analog in.SchDoc		

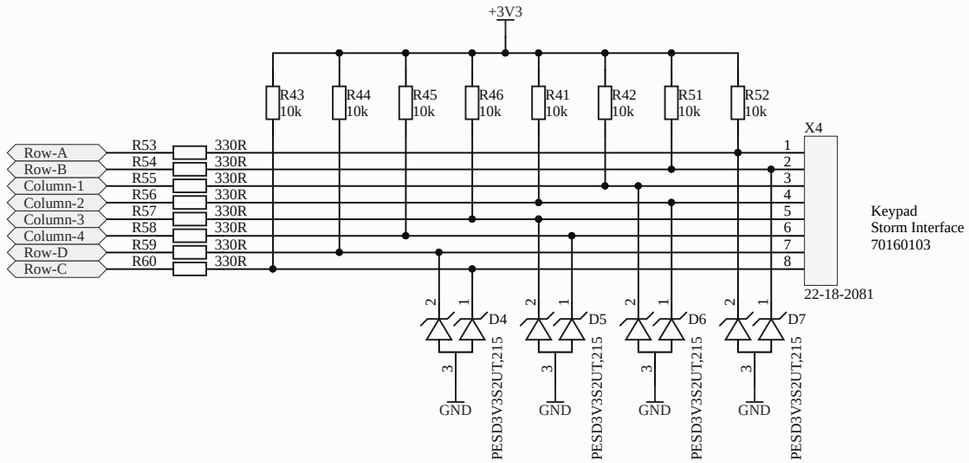


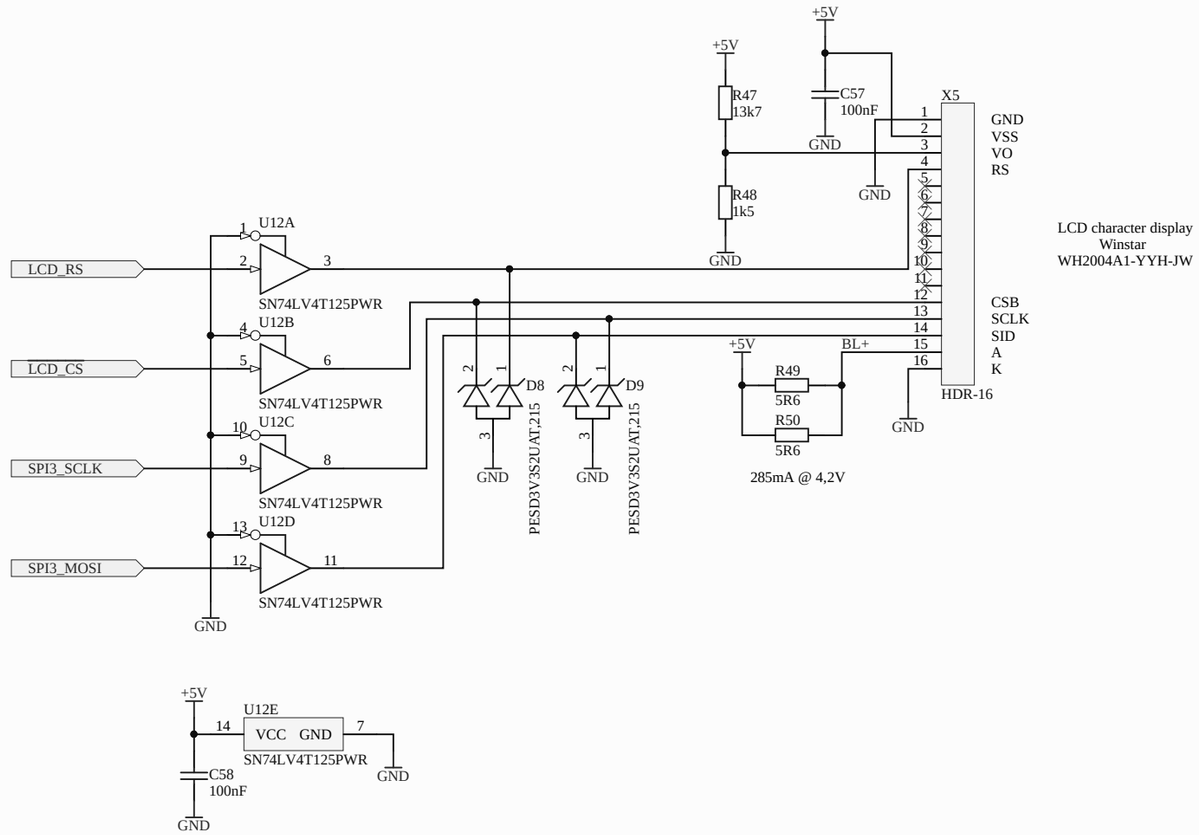
Micro·Key Embedded Technology Experts	Title: **High Voltage Power Supplies**	
Drawn: TLa	Number: 4.	Rev:MLA-0387-A1 PA0
Checked: GSc	Date: 23-6-2017	Sheet:4 of: 6
File: HV Power supplies.SchDoc		





Micro·Key Embedded Technology Experts	Title: **Power Supplies**	
Drawn: TLa	Number: 5.	Rev:MLA-0387-A1 PA0
Checked: GSc	Date: 23-6-2017	Sheet:5 of: 6
File: Power supplies.SchDoc		





Micro·Key Embedded Technology Experts	Title: **User Interface**	
Drawn: TLa	Number: 6.	Rev:MLA-0387-A1 PA0
Checked: GSc	Date: 23-6-2017	Sheet:6 of: 6
File: User Interface.SchDoc		