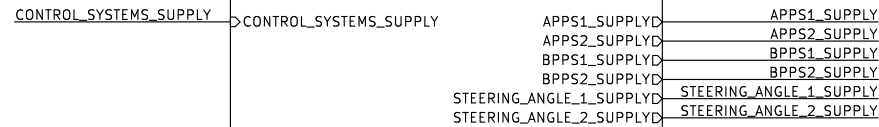
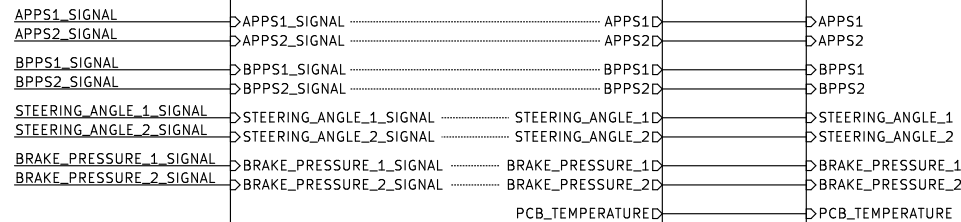


# Sheet: POWER



File: POWER.sch

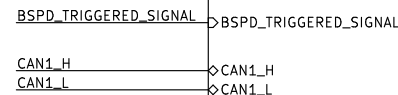
# Sheet: SIGNAL\_CONDITIONING



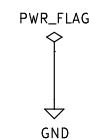
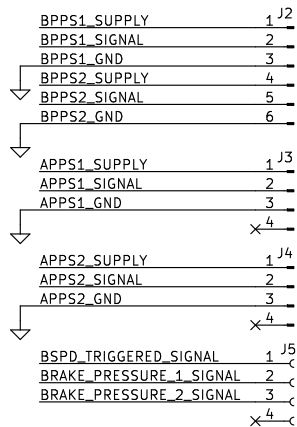
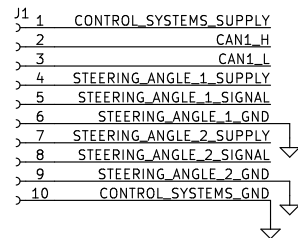
File: SIGNAL\_CONDITIONING.sch

Signal conditioning for analog inputs (0-5V)  
Same for every signal.  
Consists of voltage divider, clamping diodes,  
low pass filter and a buffer

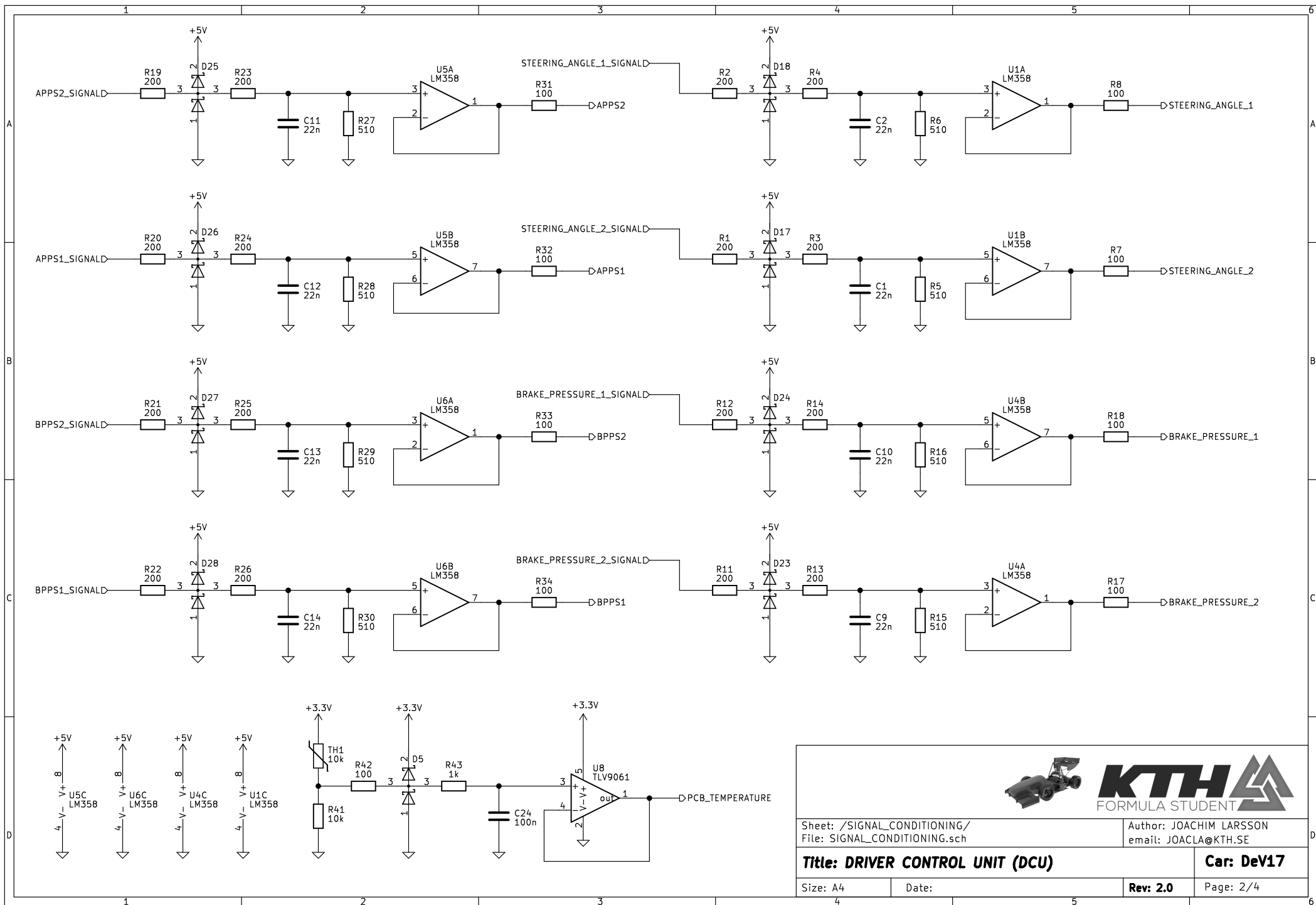
# Sheet: MCU

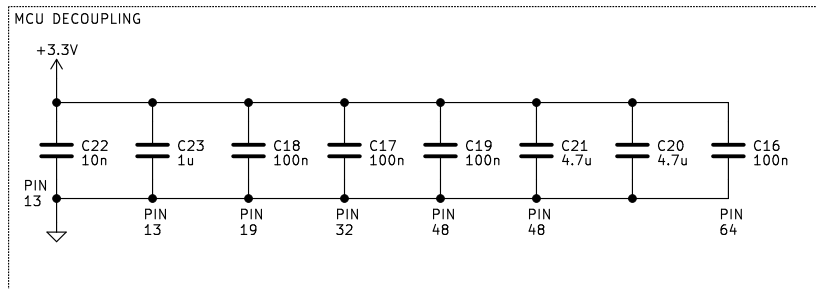
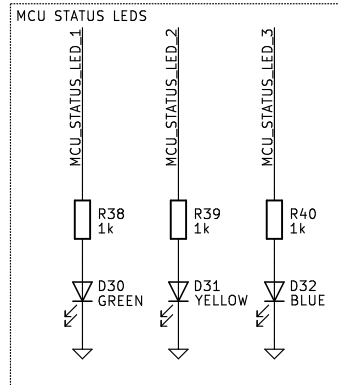
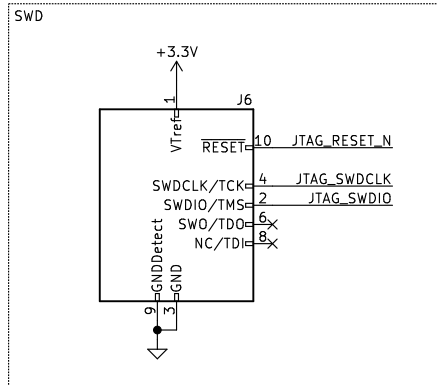
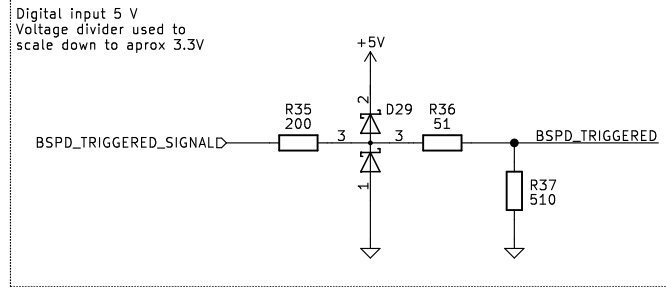
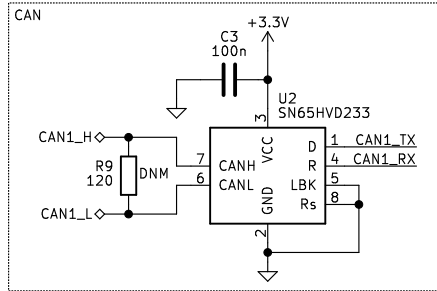


File: MCU.sch

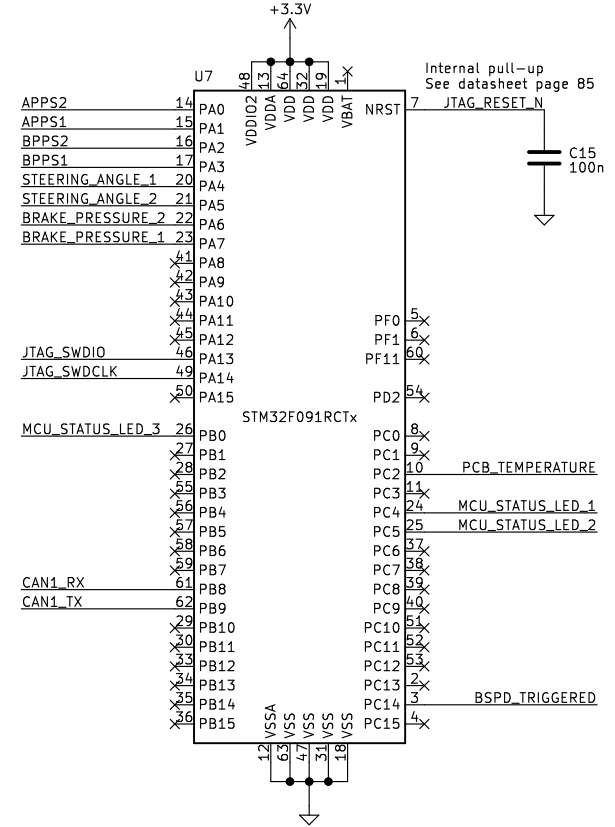


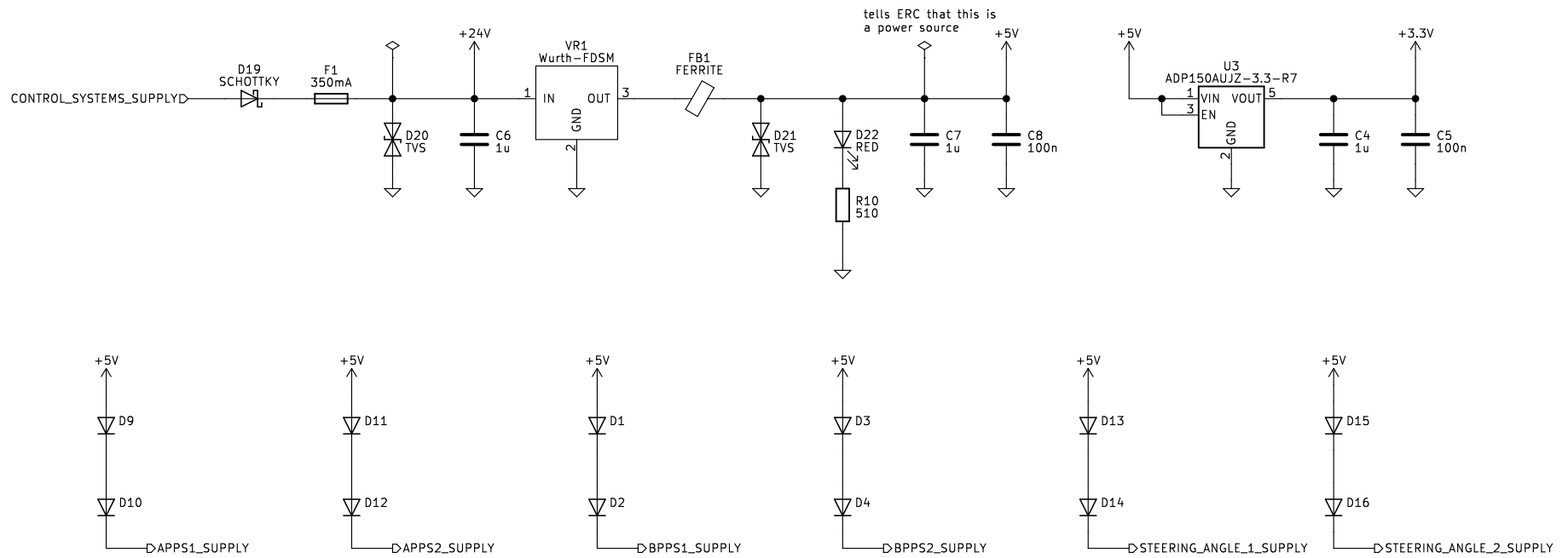
Sheet: / File: DCU.sch		Author: JOACHIM LARSSON email: JOACLA@KTH.SE	
Title: DRIVER CONTROL UNIT (DCU)			Car: DeV17
Size: A4	Date: 2020-05-05	Rev: 2.0	Page: 1/4





APPS1D APPS1  
APPS2D APPS2  
BPPS1D BPPS1  
BPPS2D BPPS2  
STEERING\_ANGLE\_1D STEERING\_ANGLE\_1  
STEERING\_ANGLE\_2D STEERING\_ANGLE\_2  
BRAKE\_PRESSURE\_1D BRAKE\_PRESSURE\_1  
BRAKE\_PRESSURE\_2D BRAKE\_PRESSURE\_2  
PCB\_TEMPERATURED PCB\_TEMPERATURE





Sheet: /POWER/ File: POWER.sch		Author: JOACHIM LARSSON email: JOACLA@KTH.SE	
<b>Title: DRIVER CONTROL UNIT (DCU)</b>			<b>Car: DeV17</b>
Size: A4	Date:	Rev: 2.0	Page: 4/4