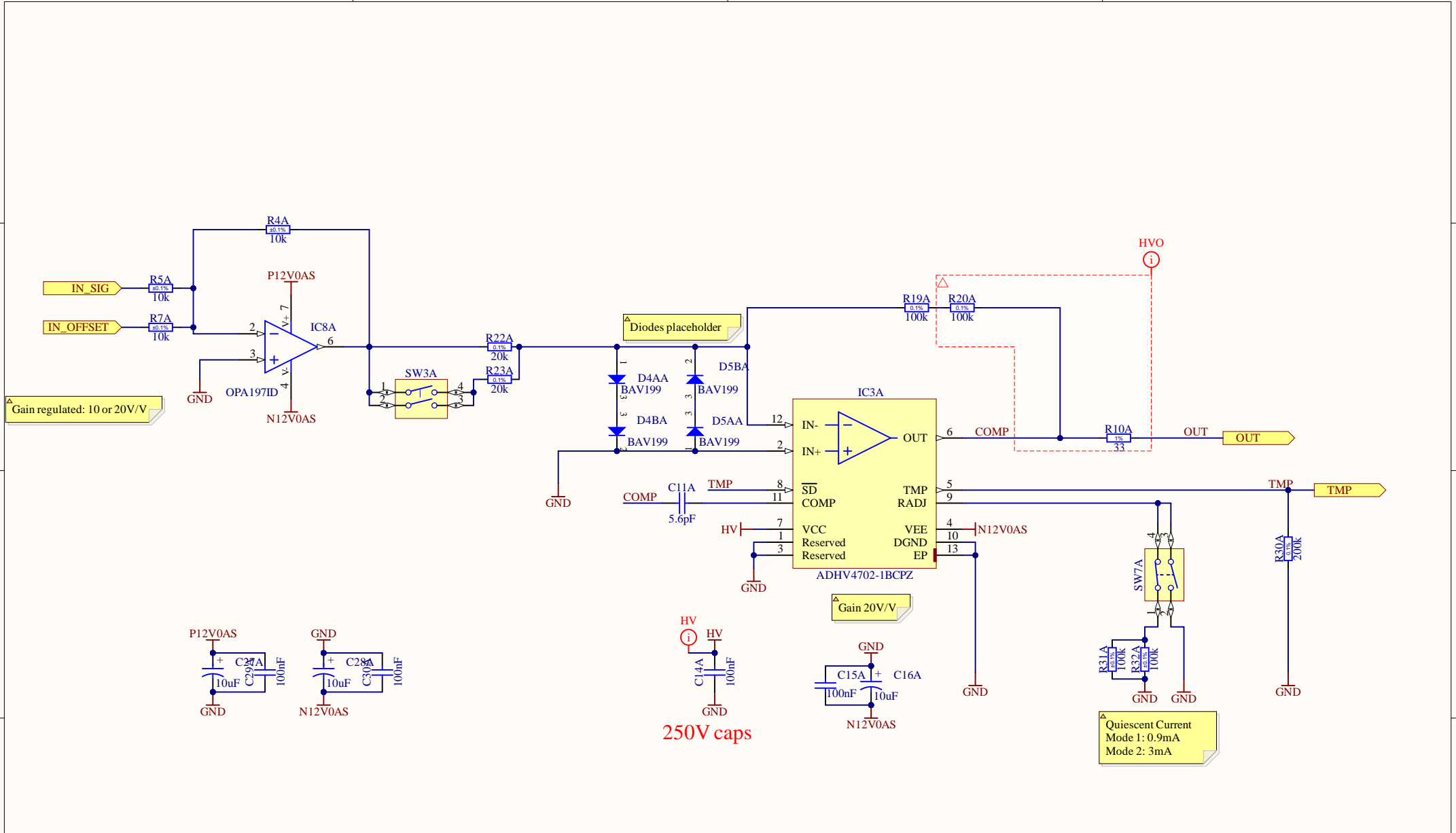
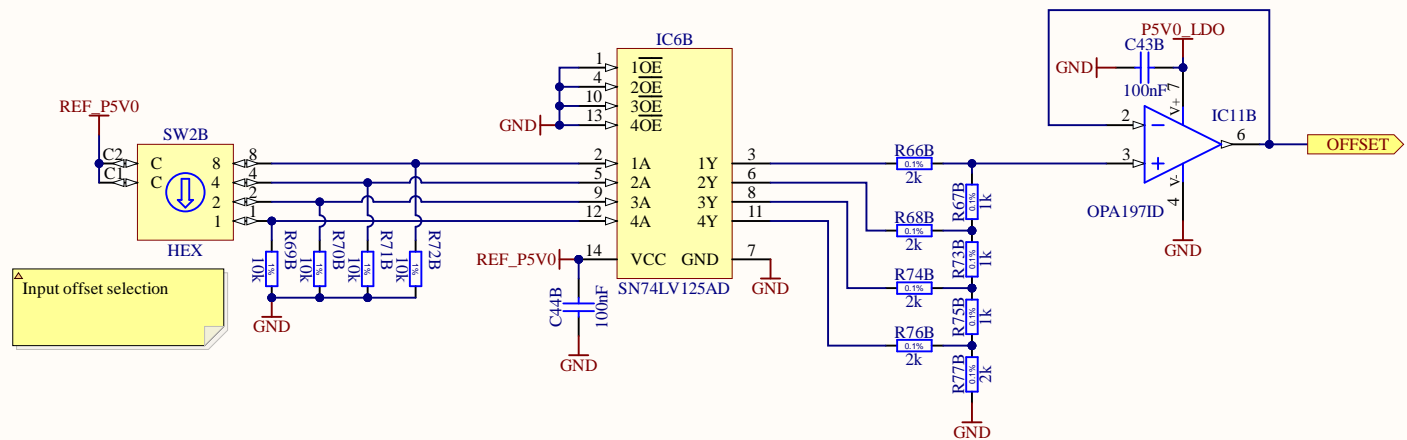


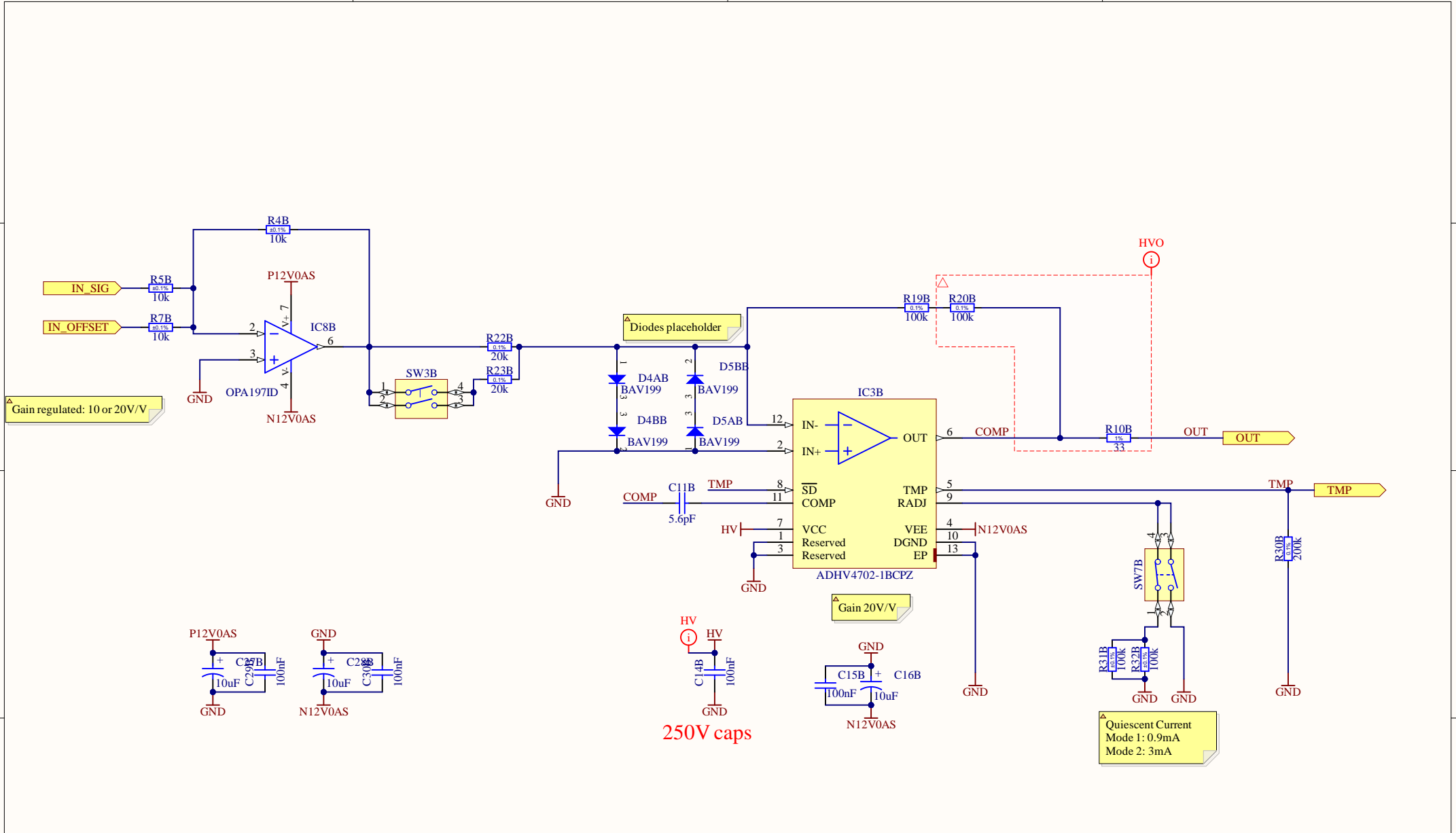
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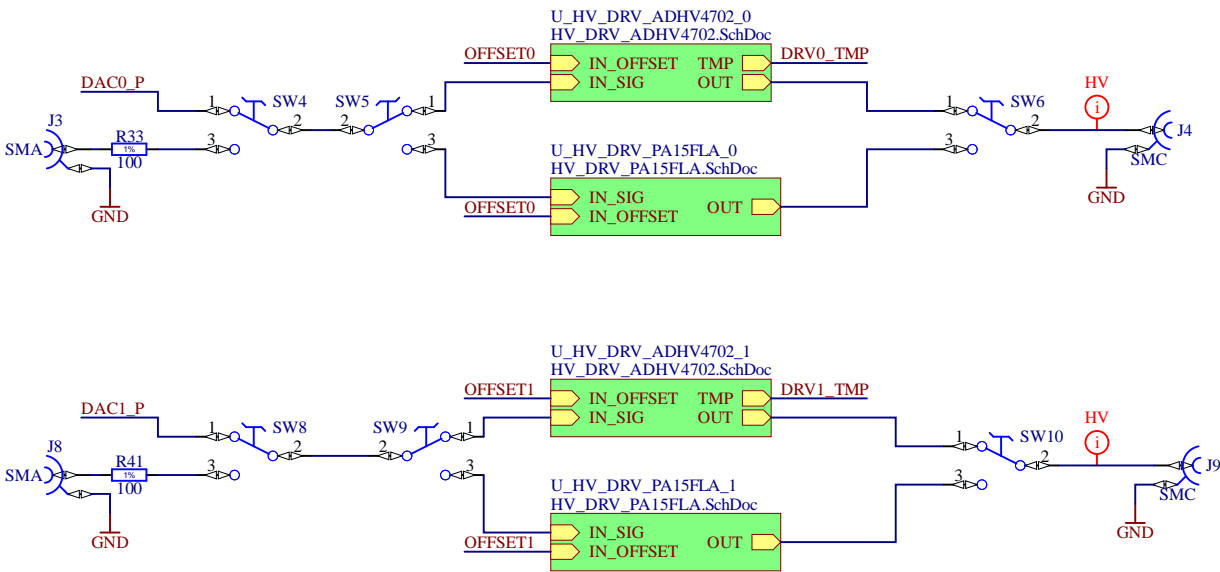
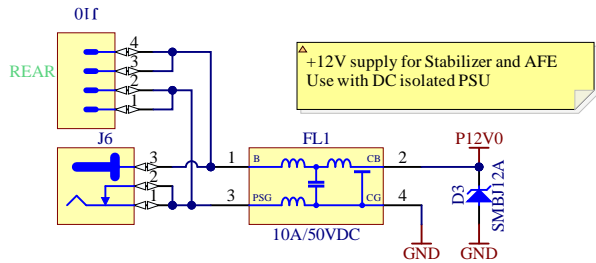


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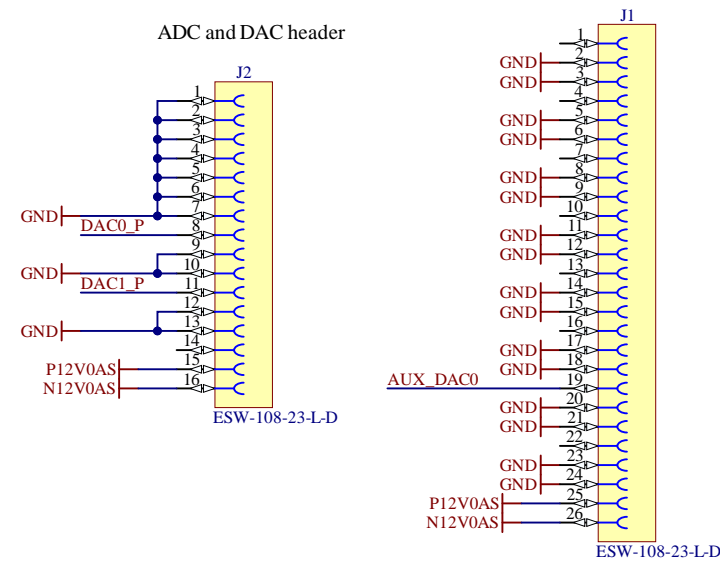


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Front Panel Connectors

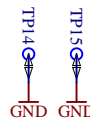
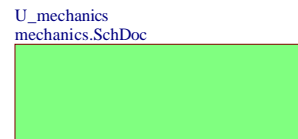
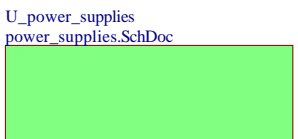
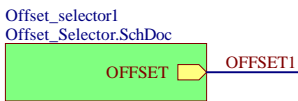
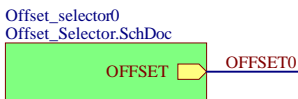
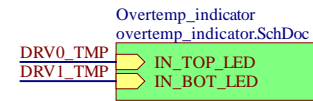
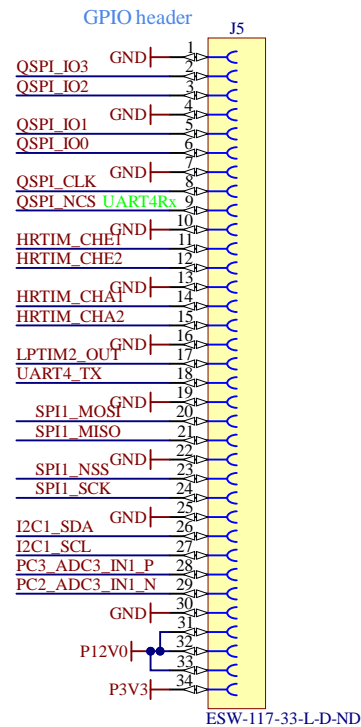


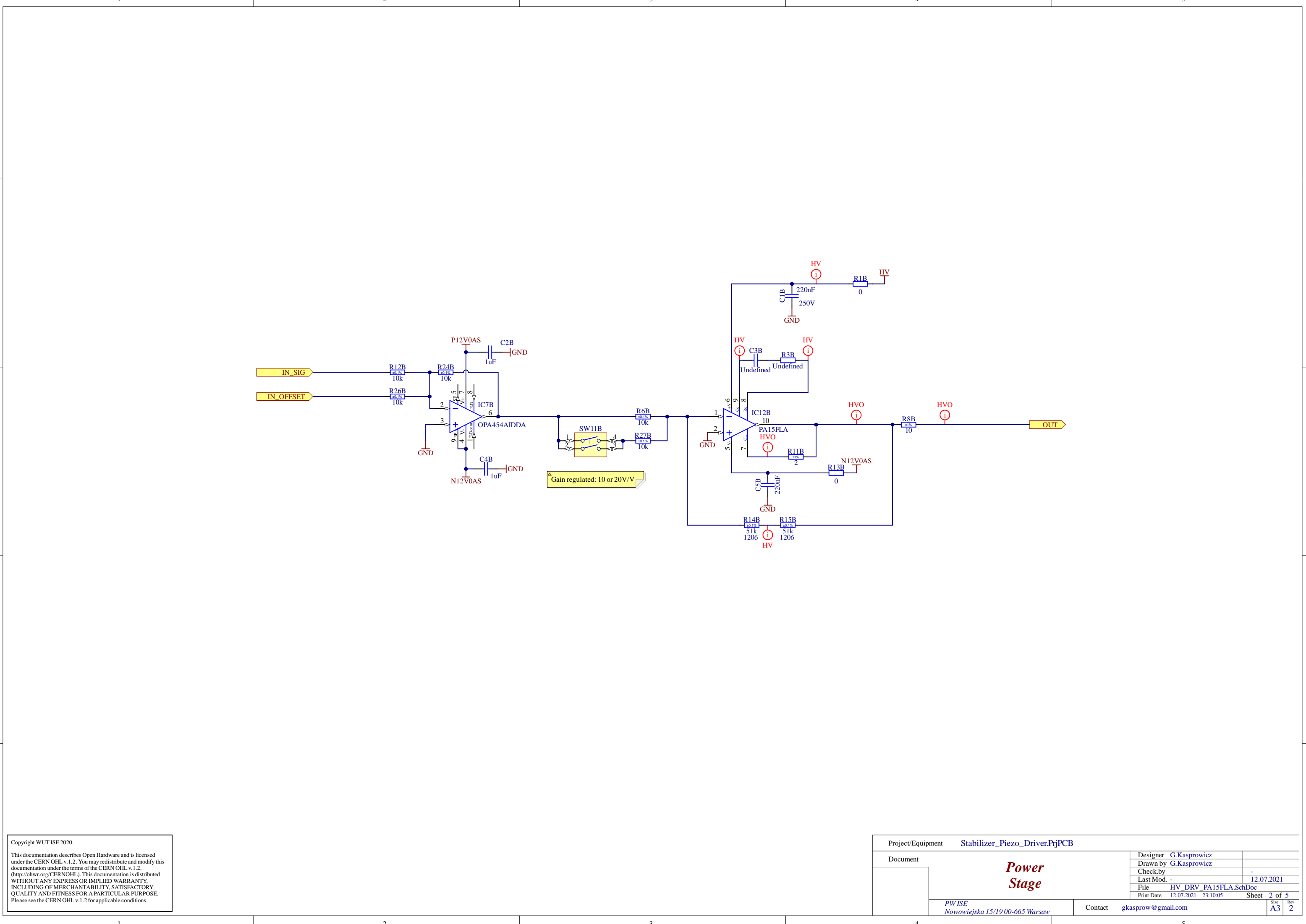
ADC and DAC header



To ensure reliable contact, mount board-board connectors 1.25mm +/-0.25mm from board surface

GPIO Header



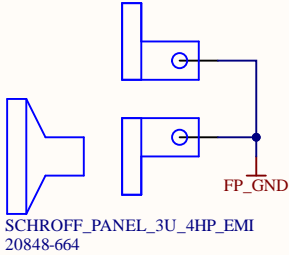


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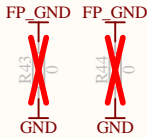
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Project/Equipment		Stabilizer_Piezo_Driver.PrjPCB								
Document		<div>Power Stage</div>			Designer		G.Kasprowicz			
					Drawn by		G.Kasprowicz			
					Check by		-			
					Last Mod.		-	12.07.2021		
					File		HV_DRV_PA15FLA.SchDoc			
					Print Date		12.07.2021	23:10:05	Sheet	2 of 5
PW ISE Nowowiejska 15/19 00-665 Warsaw		Contact		gkasprow@gmail.com			Size	A3	Rev	2

ST2



Populate to connect panel ground to circuit ground if a ground connection is not present elsewhere.

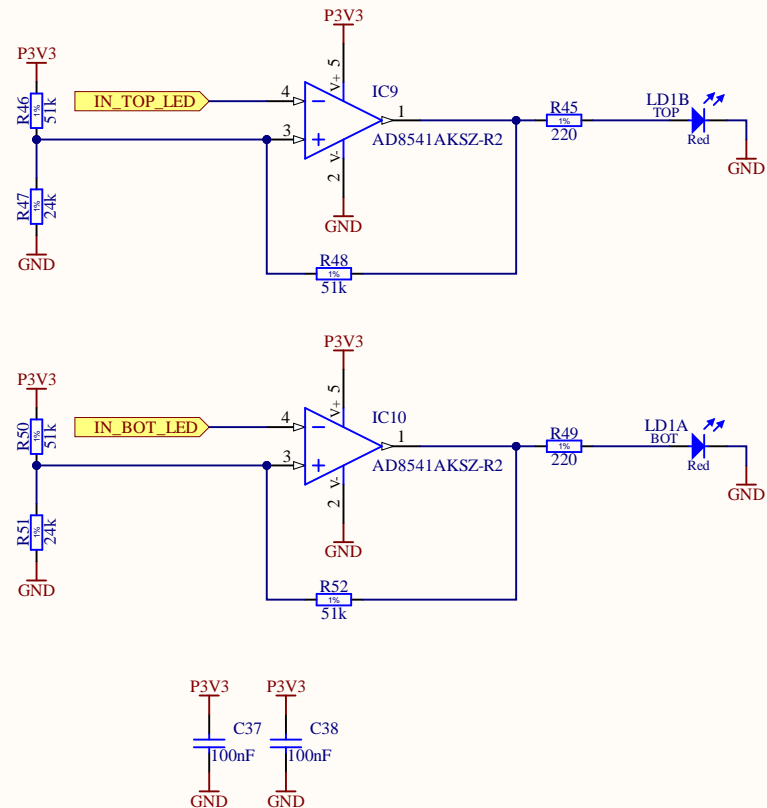


When mounting, ensure that AFE and Stabilizer panels are electrically connected (e.g. via connection to chassis)

Stackup notes:
Top of Stabilizer to bottom of AFE: 5.08*4-1.6 = 18.72mm
Stabilizer to connector mating plane: 3.48mm
Required AFE board-board connector length: <=15.24mm (0.6in)
Samtec ESW-1xx-23-L-D has a connector length of 13.59mm (0.535in)

Stackup is 4HP=20.32mm
Top of stabilizer to bottom of AFE is 18.72mm
Spacer + washer gives 18.8mm





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