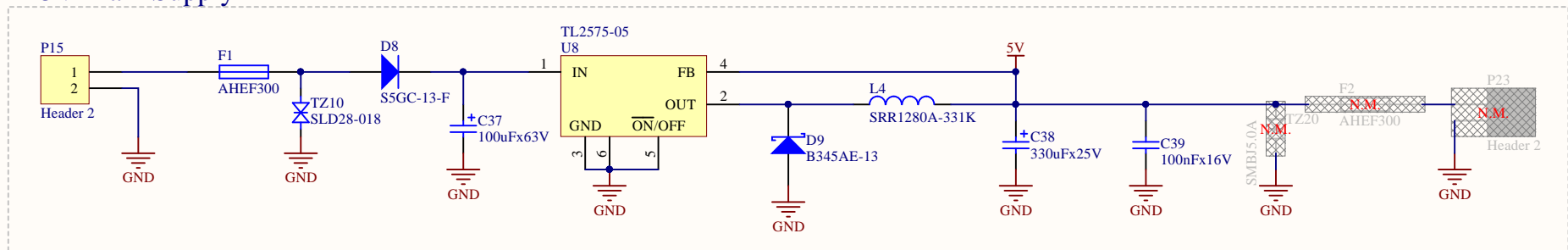
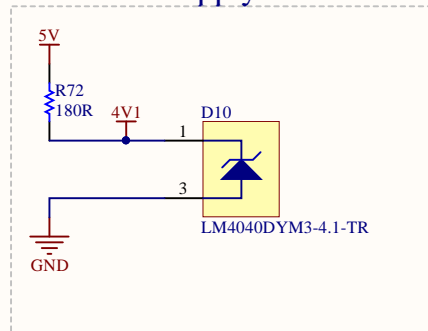


## 5V Main Supply



## 4V1 Main Supply



Title: Power Supplies		Version: 2.0-R1	
Project: BTB.PrjPcb		Author: João Guimarães	
Date: 23/05/2019			
Sheet: 2 of 9			

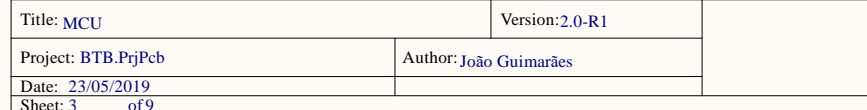
## A



## C

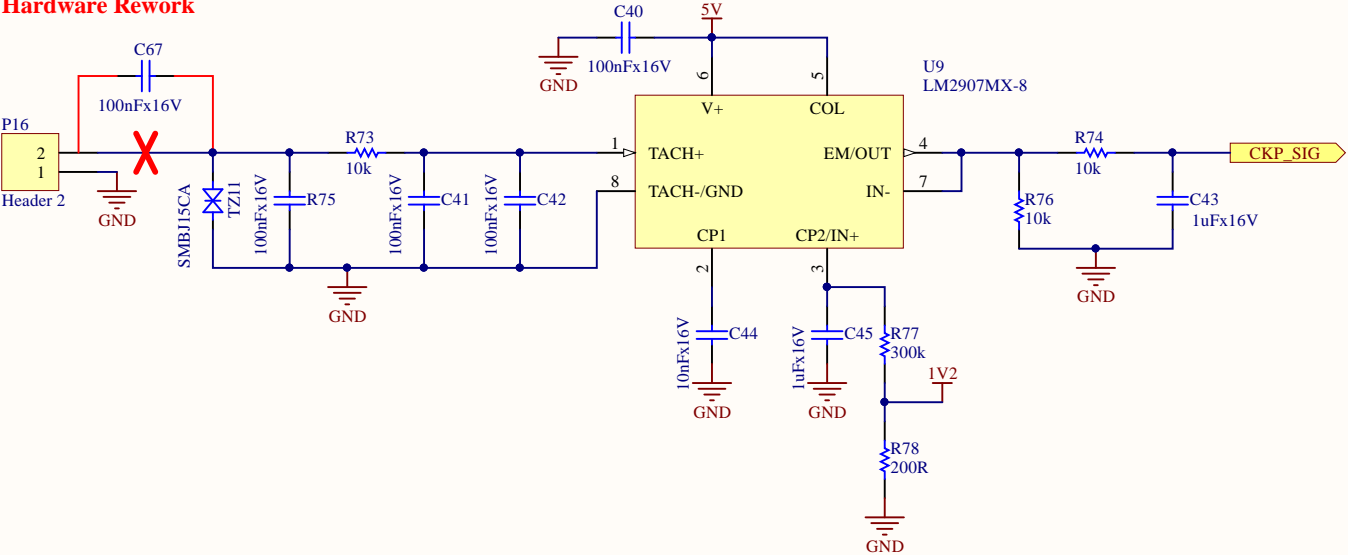


## 4

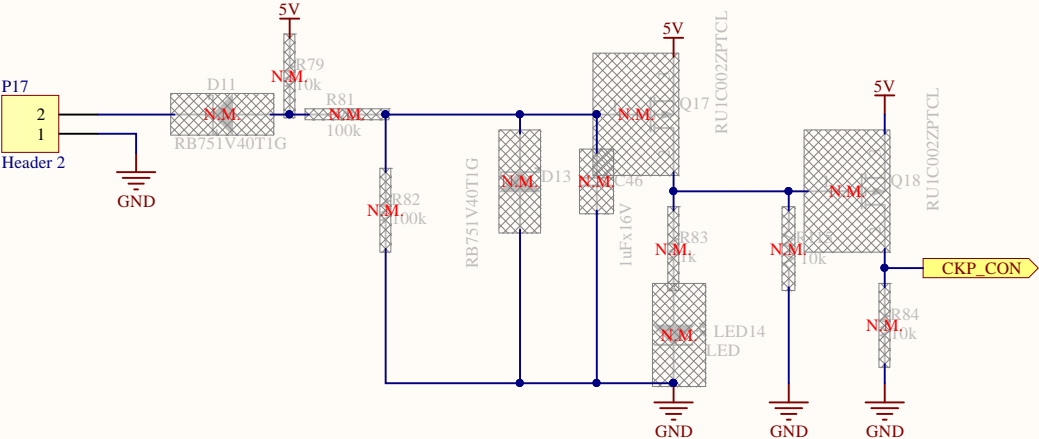


CKP Conditioning Circuit

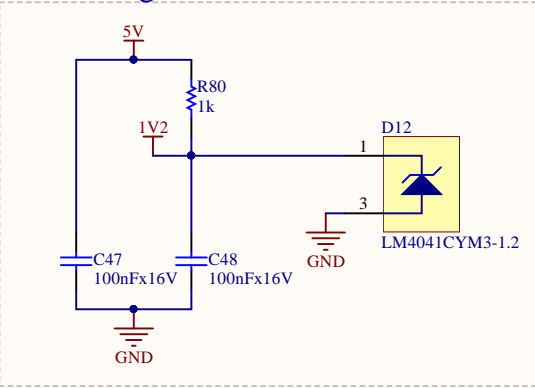
Hardware Rework



CKP Detection Circuit



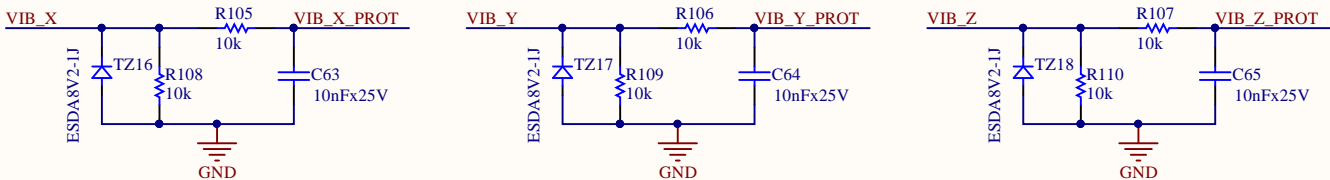
1V2 Voltage Reference



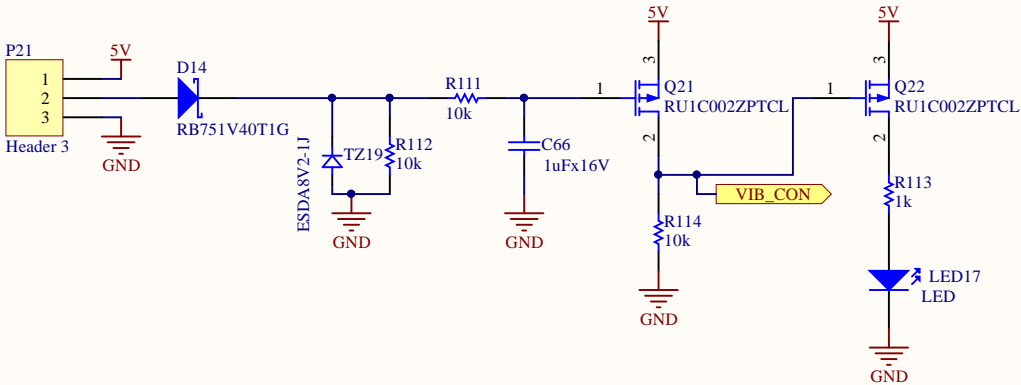
Title: SpeedACQ		Version:2.0-R1	
Project: BTB.PrjPcb		Author: João Guimarães	
Date: 23/05/2019			
Sheet: 4		of 9	



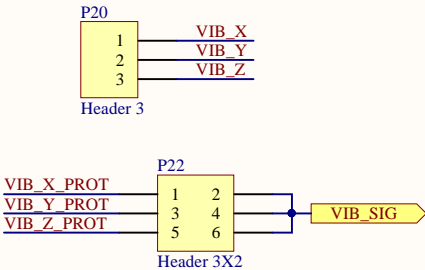
Accelerometer Filtering Circuit



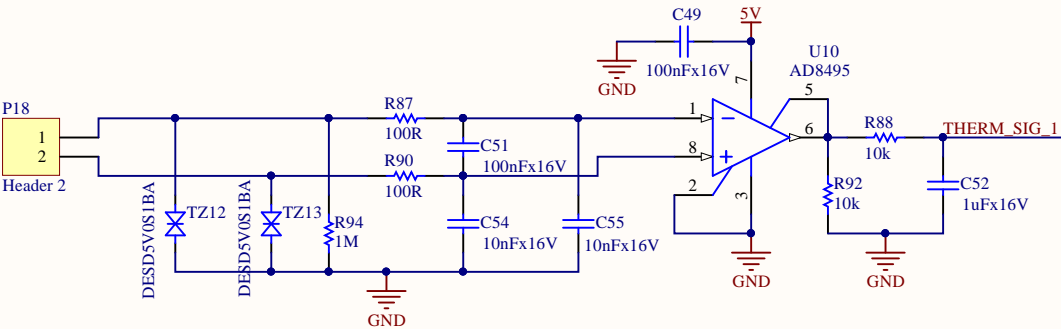
Accelerometer Detection Circuit



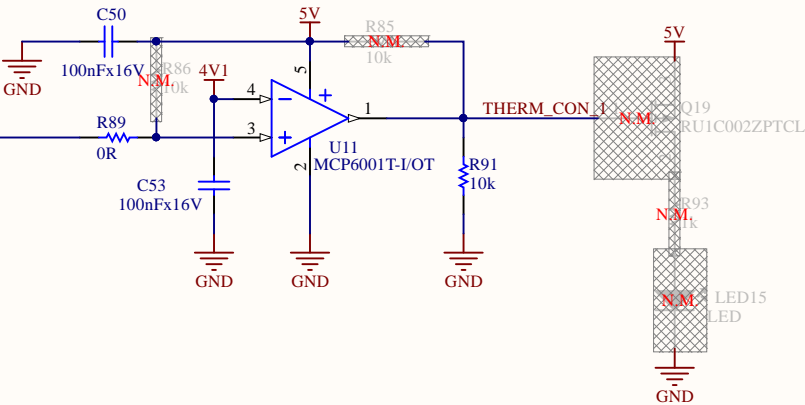
Connectors



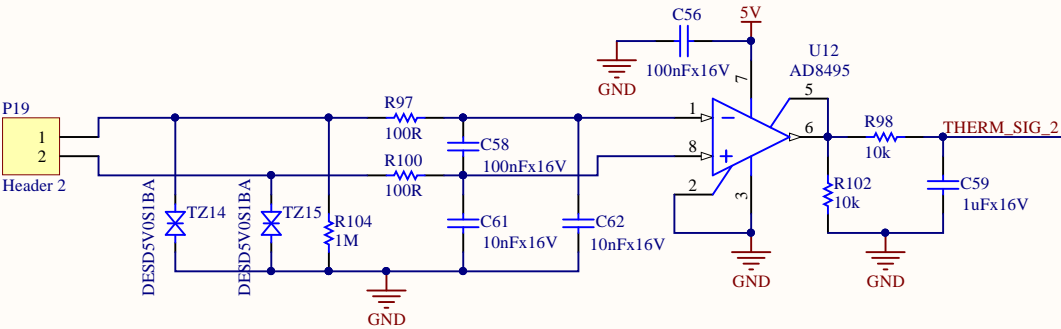
Thermocouple 1 Conditioning Circuit



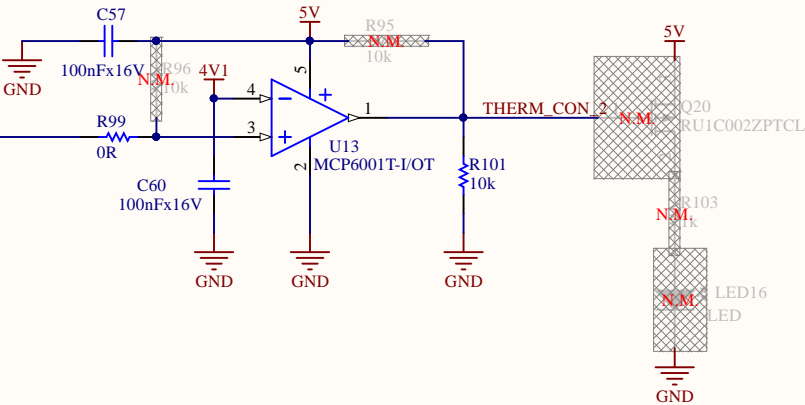
Thermocouple 1 Detection Circuit



Thermocouple 2 Conditioning Circuit



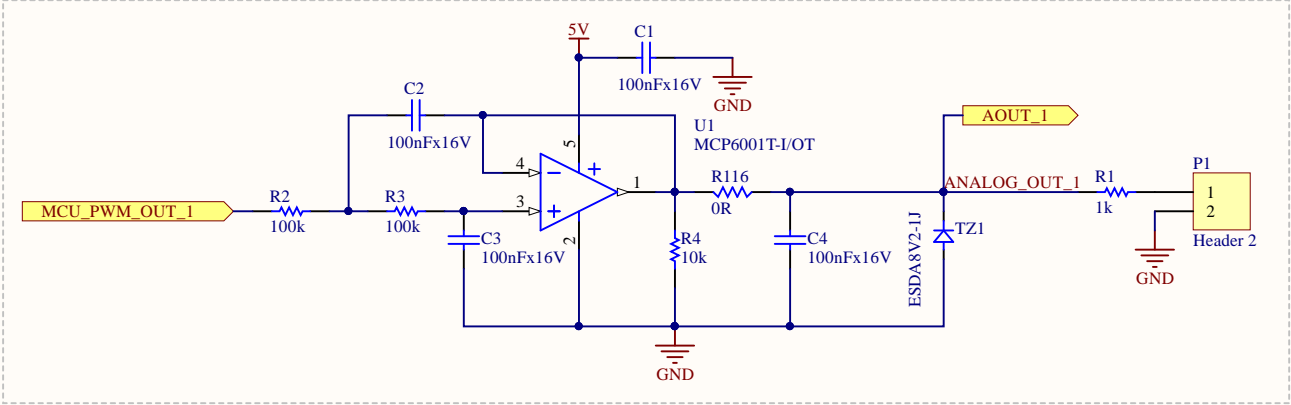
Thermocouple 2 Detection Circuit



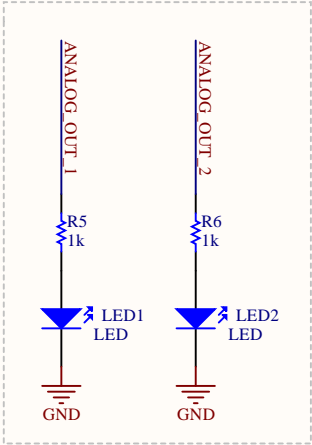
THERM_SIG_1	THERM_SIG_1
THERM_SIG_2	THERM_SIG_2
THERM_CON_1	THERM_CON_1
THERM_CON_2	THERM_CON_2

Title: TemperatureACQ	Version:2.0-R1
Project: BTB.PrjPcb	Author: João Guimarães
Date: 23/05/2019	
Sheet: 7 of 9	

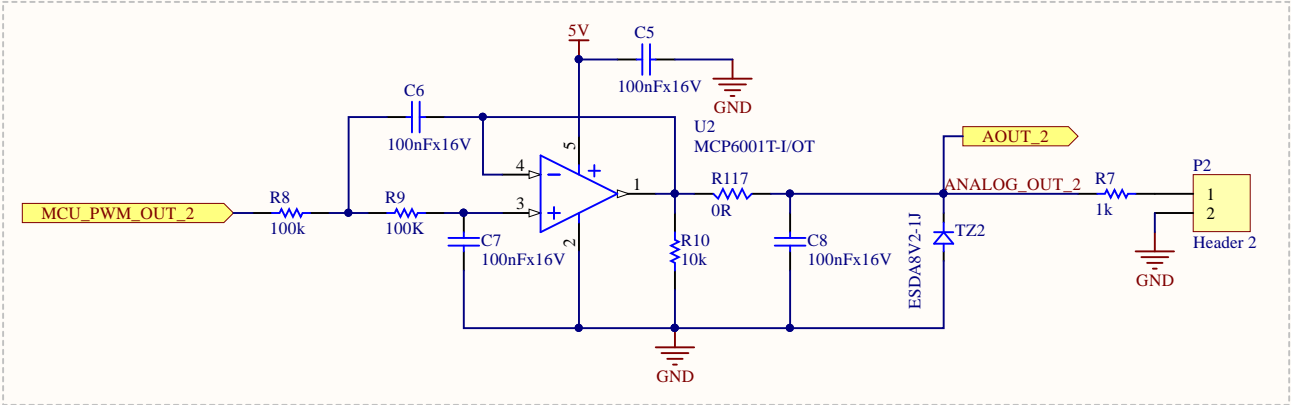
DAC 1



LEDs



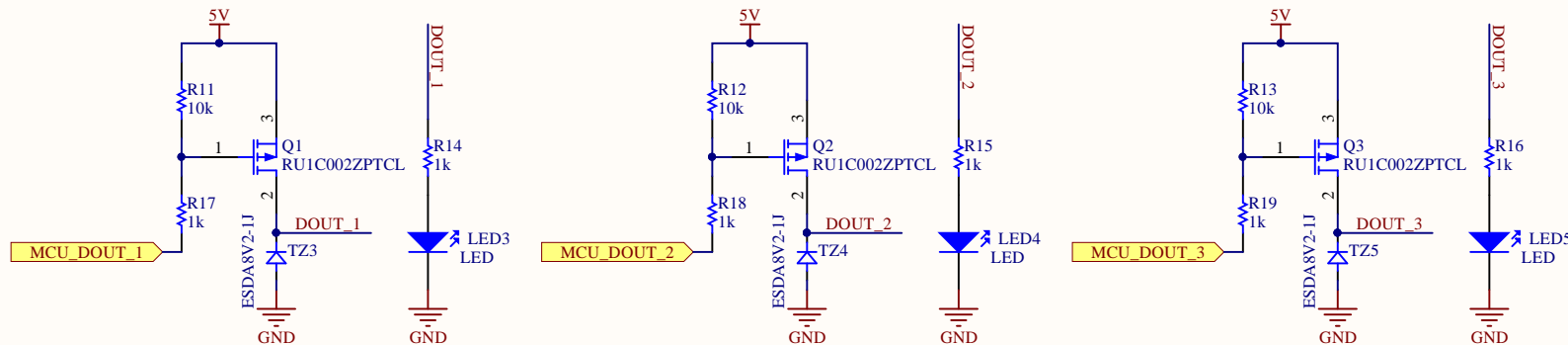
DAC 2



Title: Analog Output		Version:2.0-R1	
Project: BTB.PrjPcb		Author: João Guimarães	
Date: 23/05/2019			
Sheet: 8 of 9			



## Digital Output Interface



## Digital Input Interface

