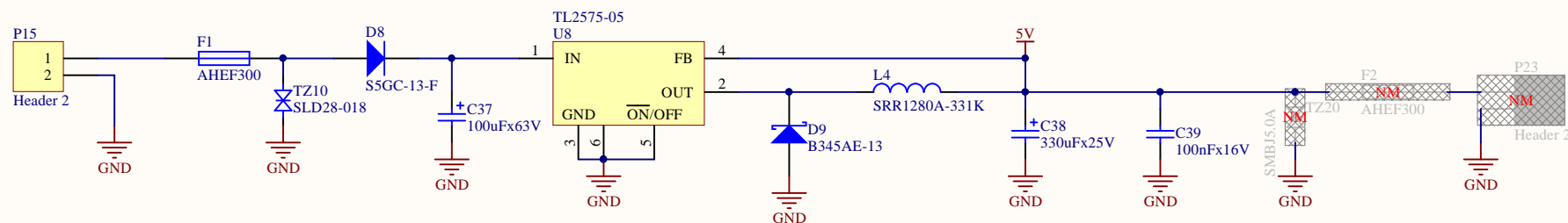
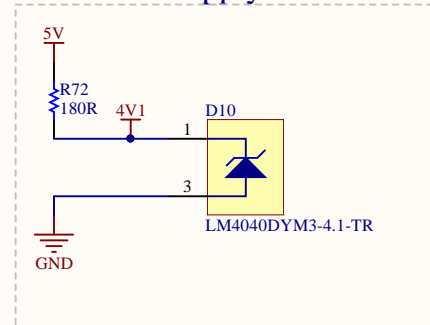


5V Main Supply



4V1 Main Supply



Title: Power Supplies		Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb	Author: João Guimarães		
Date: 20/11/2018	2 9		
File: C:\Users\joao.guimaraes\Downloads\novo\Mainboard-2.0\Source\PowerSupplies.SchDoc			

A



C

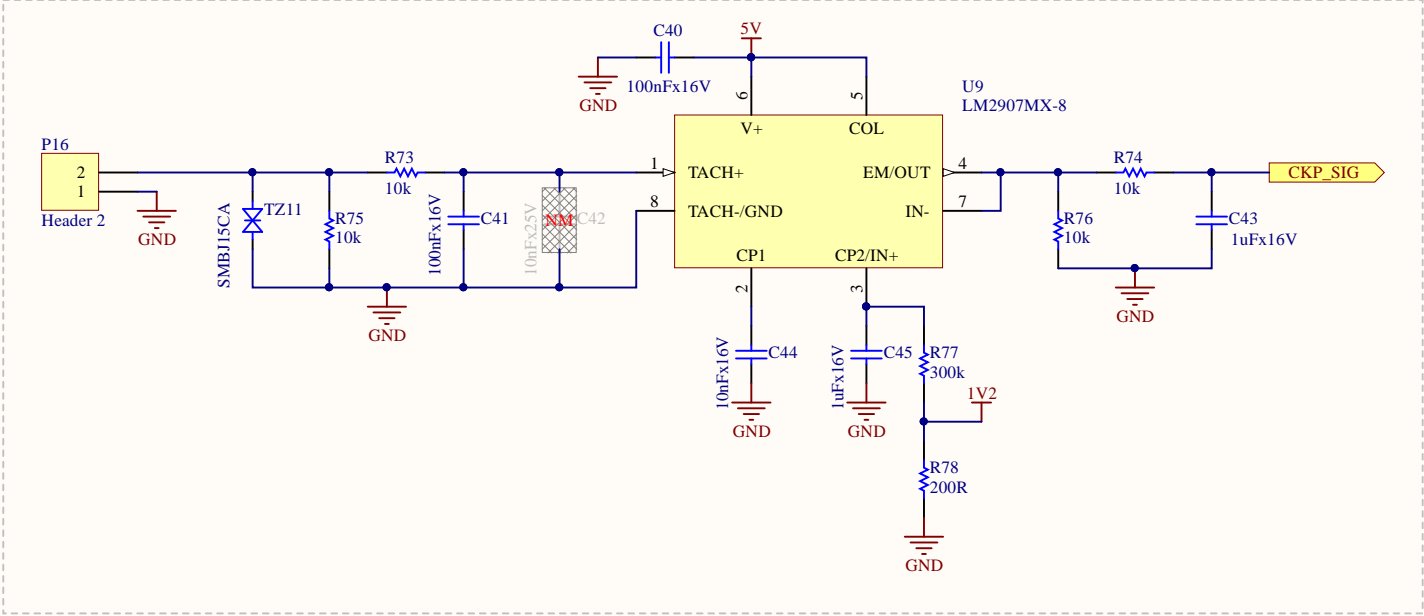


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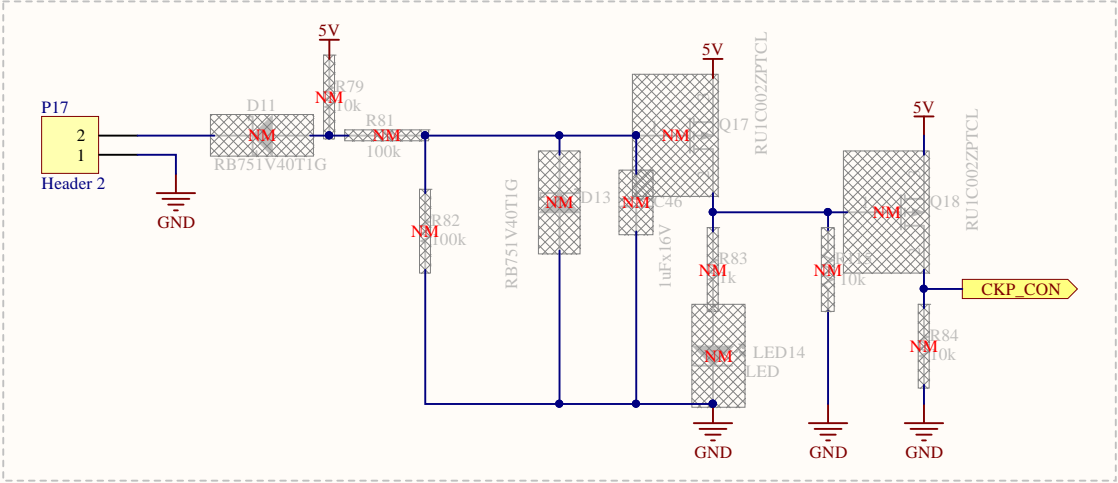


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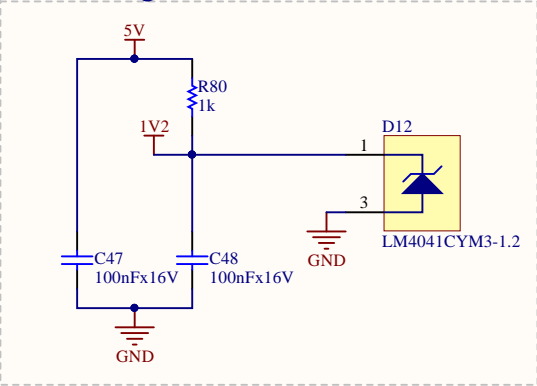
CKP Conditioning Circuit



CKP Detection Circuit

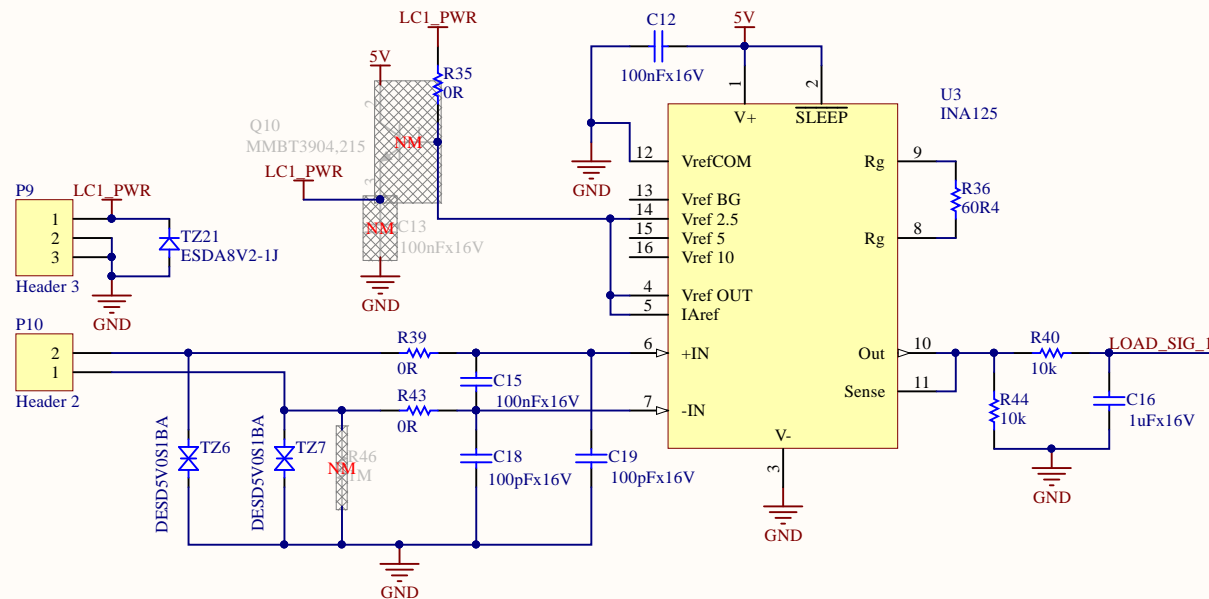


1V2 Voltage Reference

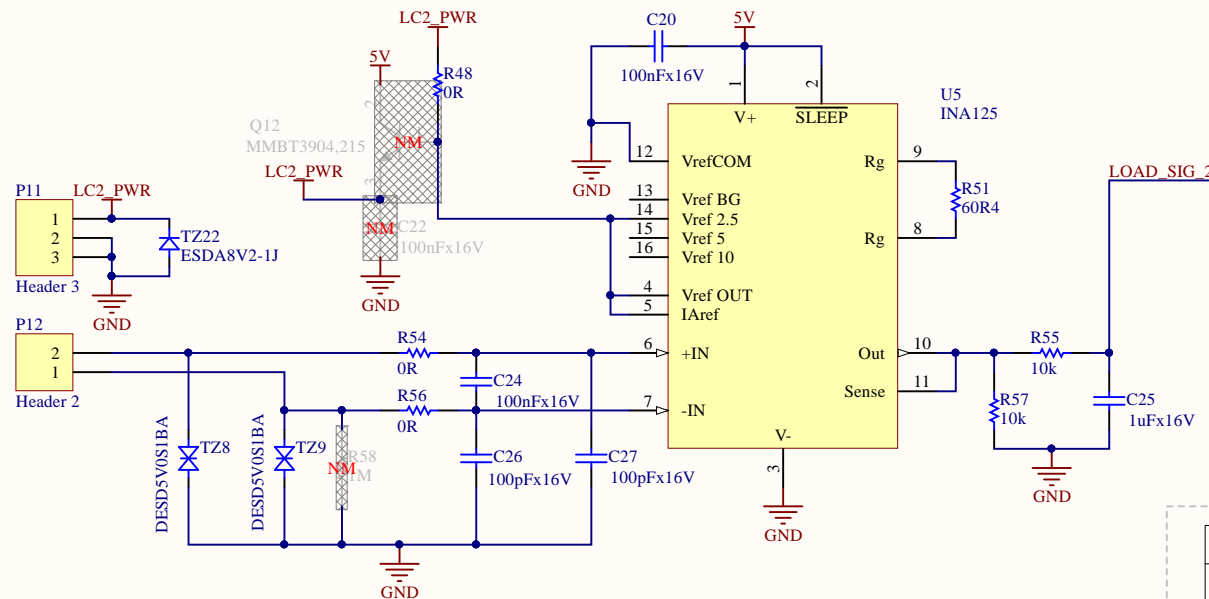


Title: SpeedACQ		Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb	Author: João Guimarães		
Date: 20/11/2018	4 9		
File: C:\Users\joao.guimaraes\Downloads\novo\Mainboard-2.0\Source\SpeedACQ.SchDoc			

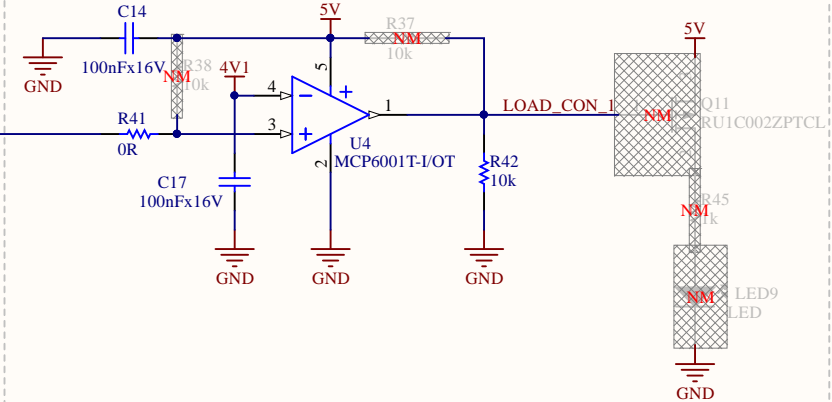
Load Cell 1 Conditioning Circuit



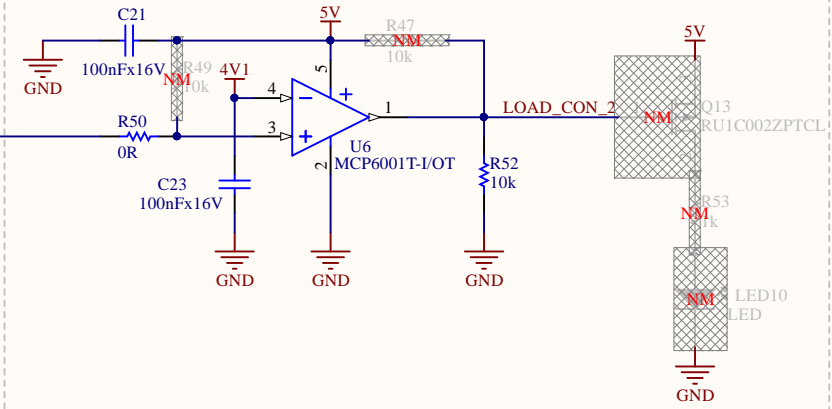
Load Cell 1 Conditioning Circuit



Load Cell 1 Detection Circuit

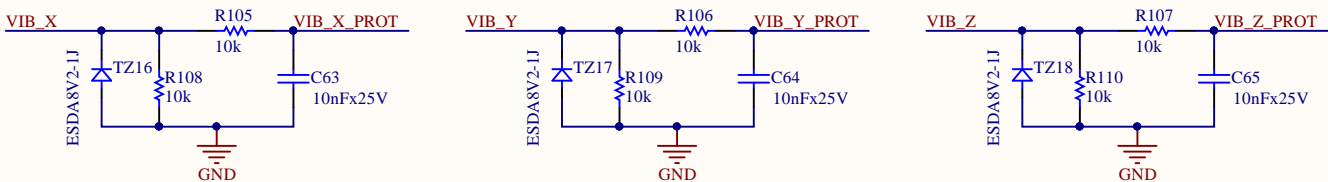


Load Cell 1 Detection Circuit

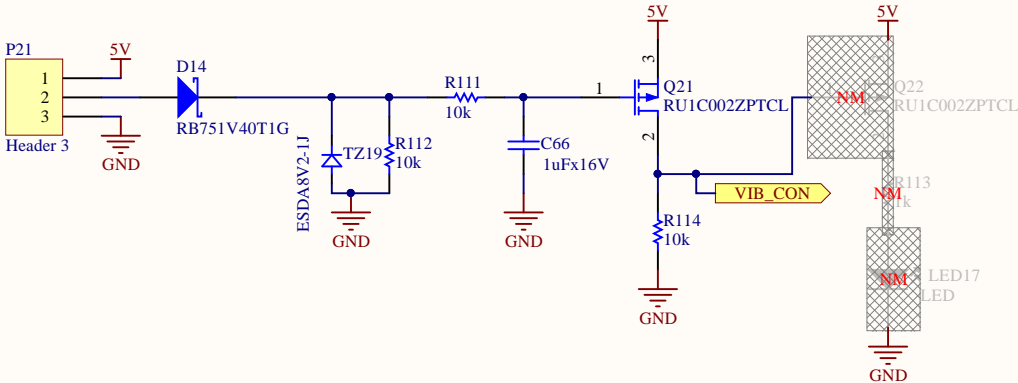


Title: ForceACQ		Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb *	Author: João Guimarães		
Date: 20/11/2018	5 9		
File: C:\Users\joao.guimaraes\Downloads\novo\Mainboard-2.0\Source\FORCEACQ_SchDoc			

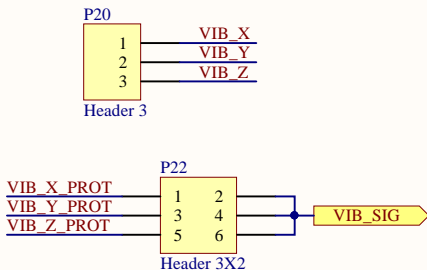
Accelerometer Filtering Circuit



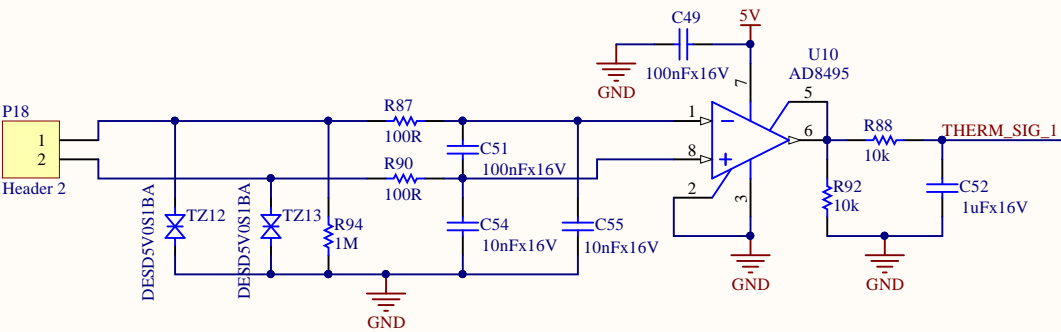
Accelerometer Detection Circuit



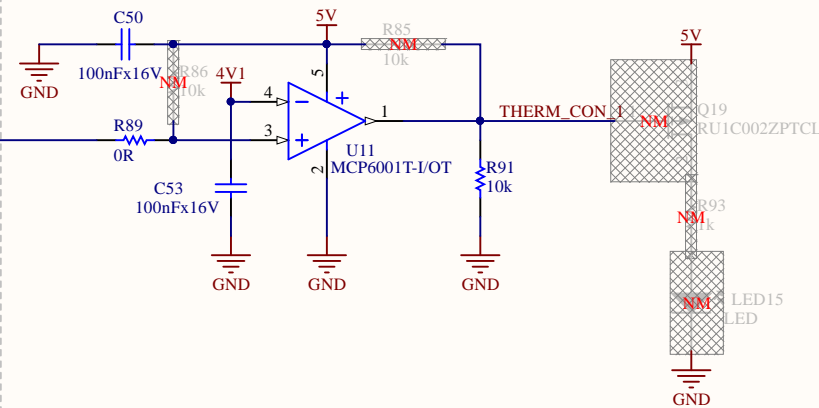
Connectors



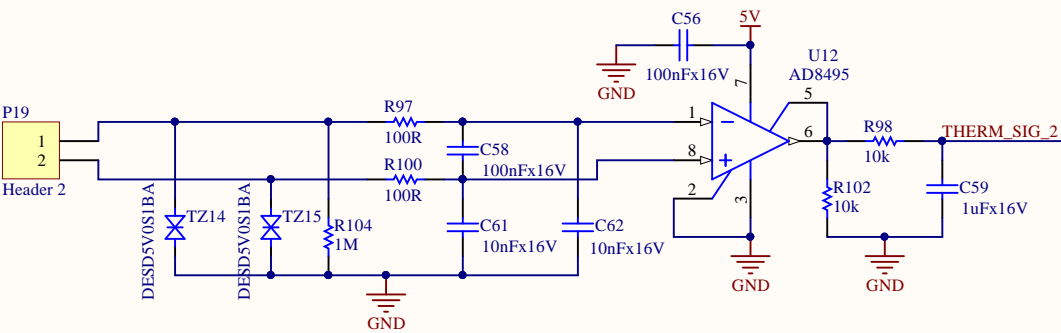
Thermocouple 1 Conditioning Circuit



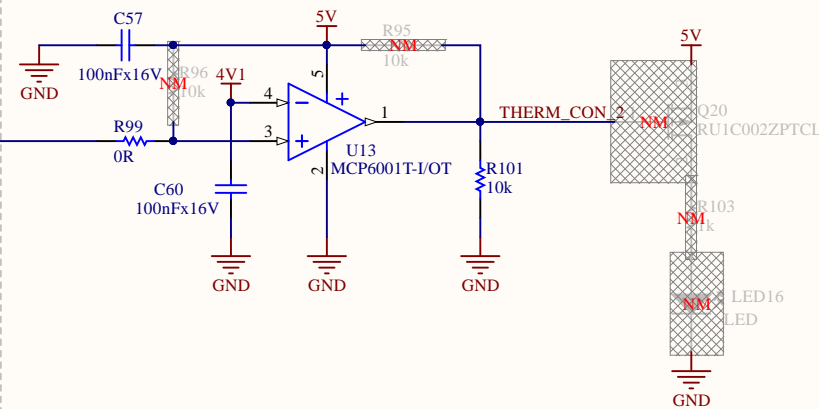
Thermocouple 1 Detection Circuit



Thermocouple 2 Conditioning Circuit



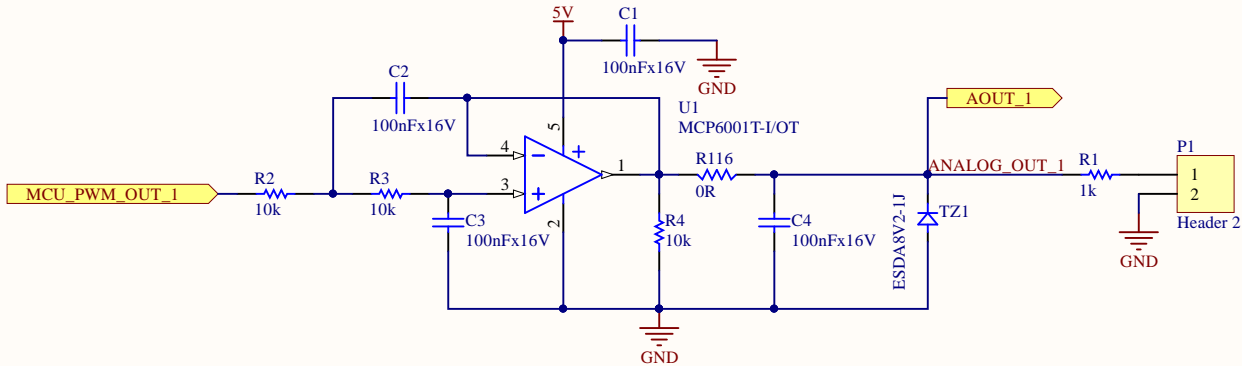
Thermocouple 2 Detection Circuit



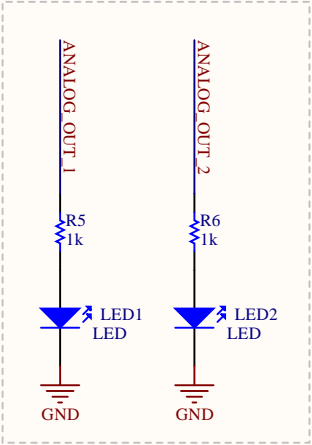
THERM_SIG_1	THERM_SIG_1
THERM_SIG_2	THERM_SIG_2
THERM_CON_1	THERM_CON_1
THERM_CON_2	THERM_CON_2

Title: TemperatureACQ		Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb	Author: João Guimarães		
Date: 20/11/2018	7 9		
File: C:\Users\joao.guimaraes\Downloads\novo\Mainboard-2.0\Source\TemperatureACQ.SchDoc			

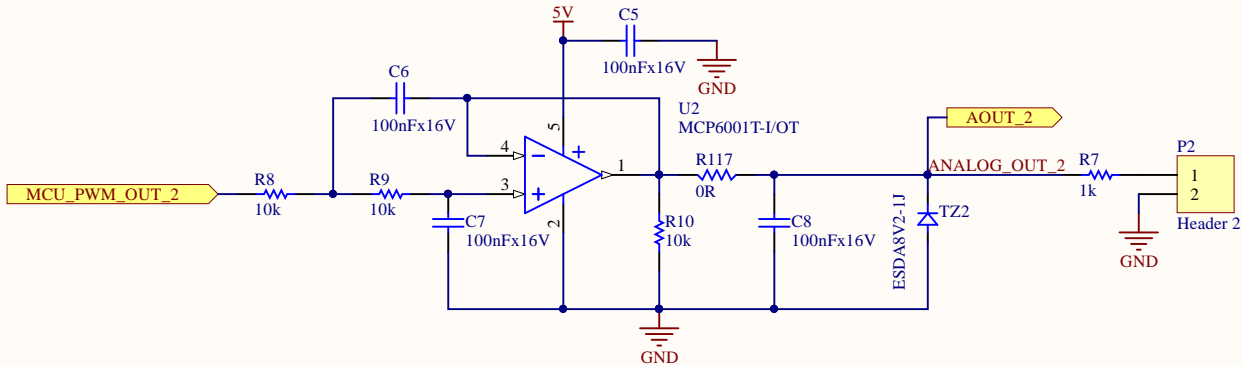
DAC 1



LEDs

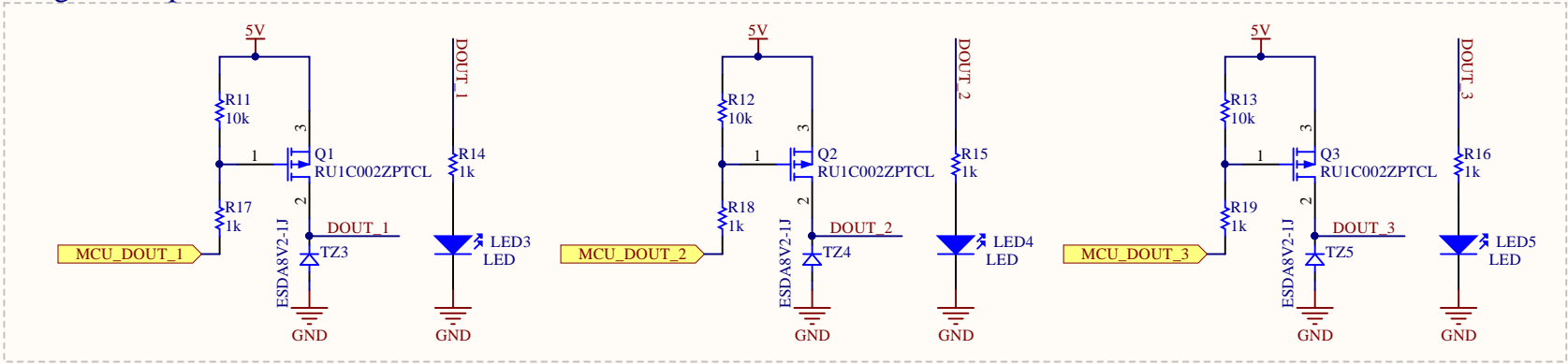


DAC 2

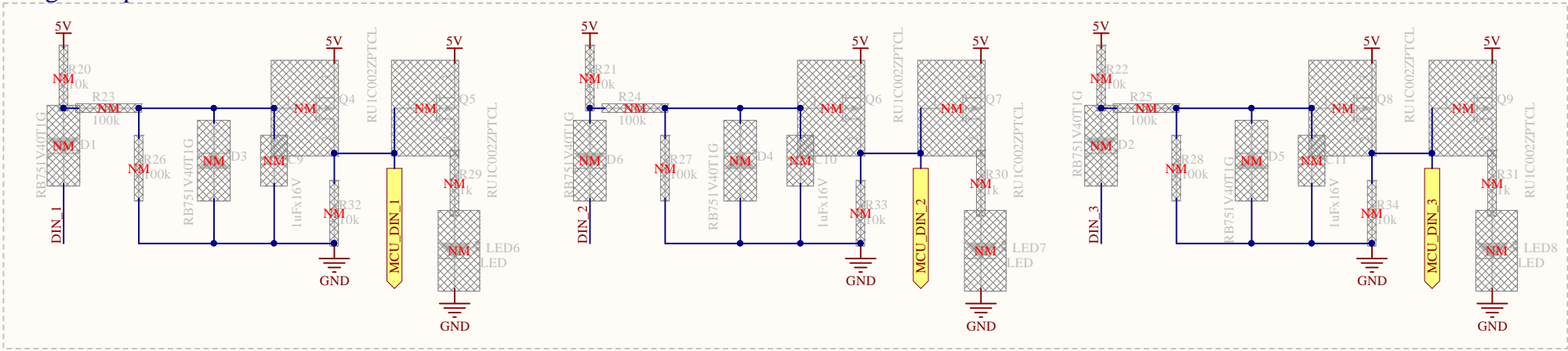


Title: Analog Output		Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb *	Author: João Guimarães		
Date: 20/11/2018	8 9		
File: C:\Users\joao.guimaraes\Downloads\novo\Mainboard-2.0\Source\AnalogOutput.SchDoc			

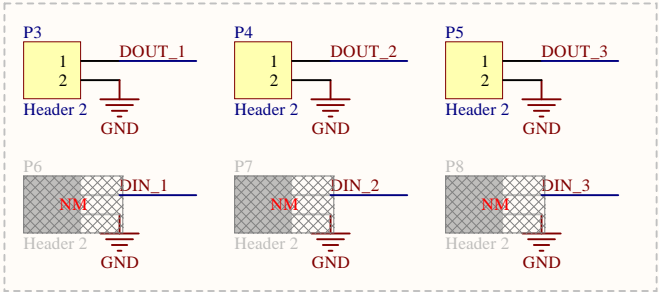
Digital Output Interface



Digital Input Interface



Connectors



Title: Digital Interfaces		Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb 9	Author: João Guimarães		
Date: 20/11/2018	* *		
File: C:\Users\joao.guimaraes\Downloads\novo\Mainboard-2.0\Source\DigitalInterfaces.SchDoc			