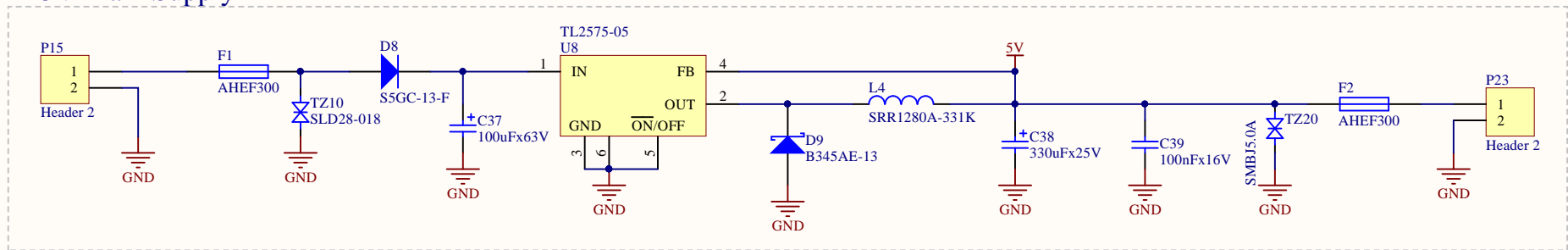
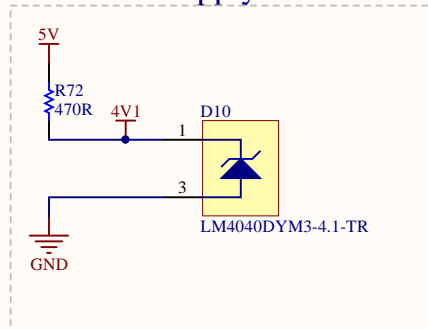


5V Main Supply

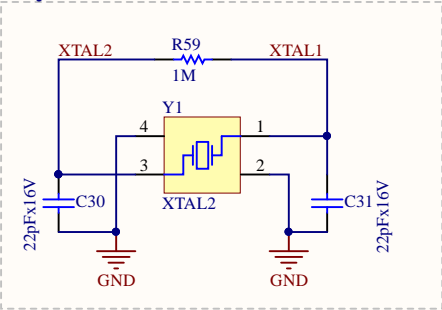


4V1 Main Supply

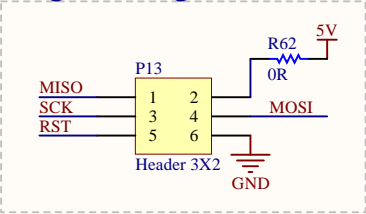


Title: Power Supplies		Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb	Author: João Guimarães		
Date: 02/10/2018	2 9		
File: C:\Users\joao.guimaraes\Downloads\hardware-master\Mainboard-2.0\Source\PowerSupplies.SchDoc			

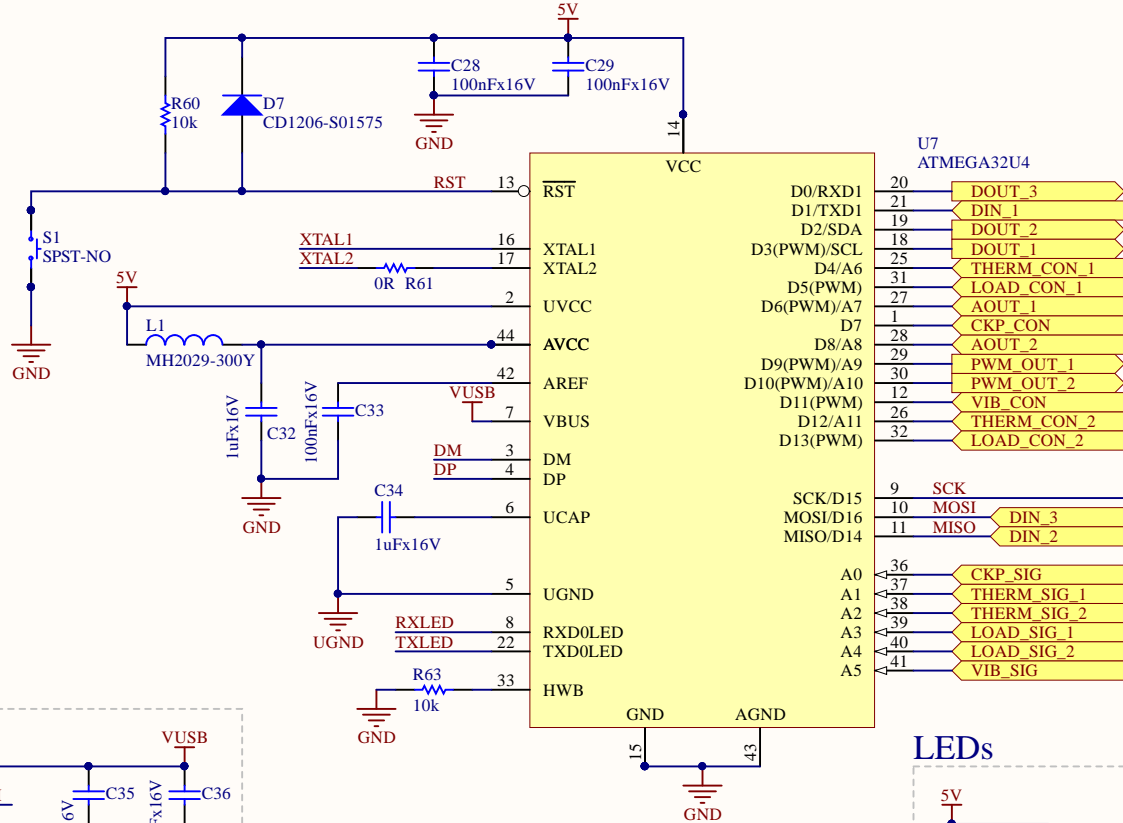
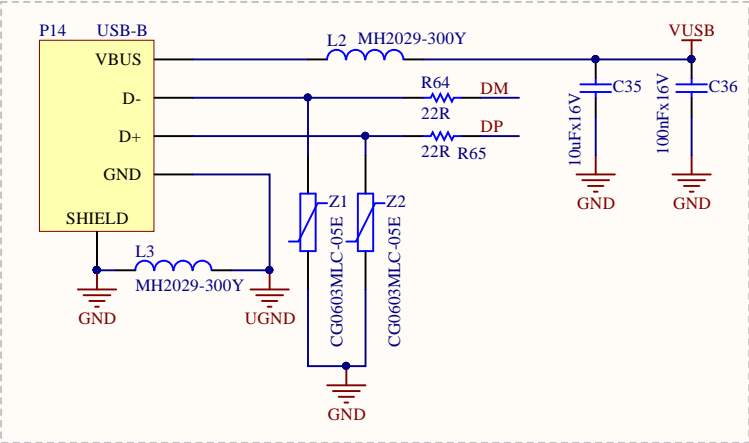
Crystal Oscillator



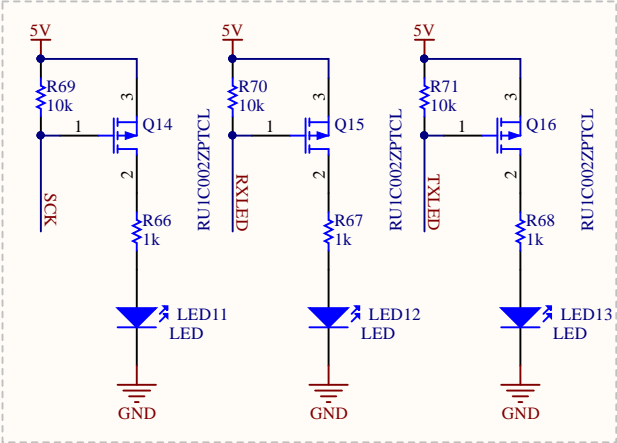
Programming Header



USB Connector and Protection

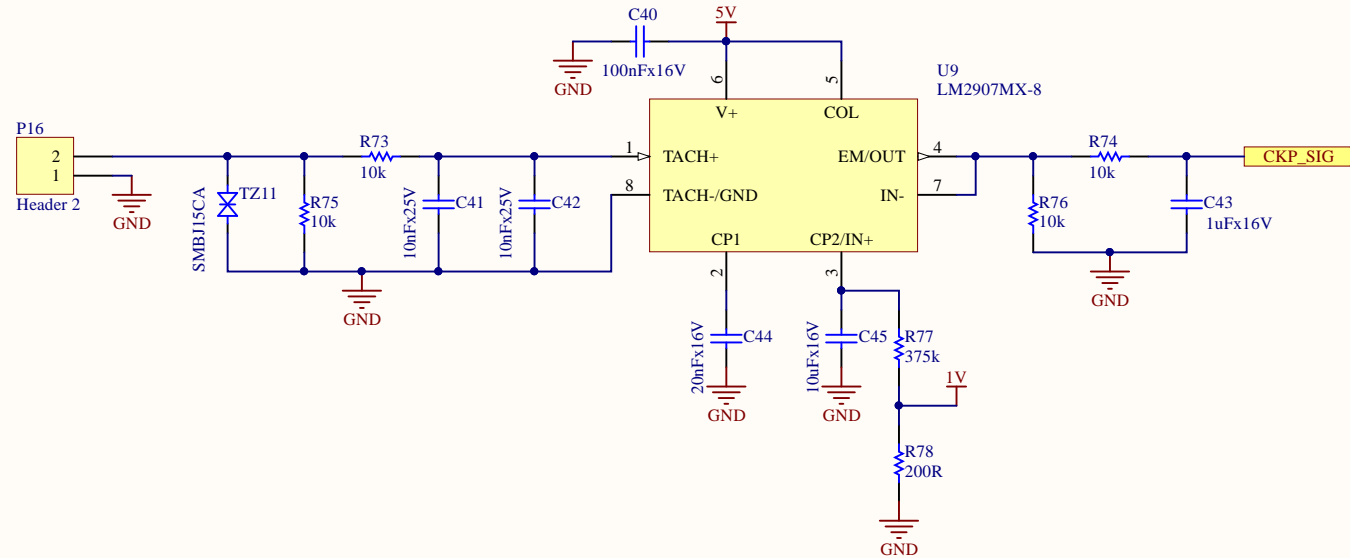


LEDs

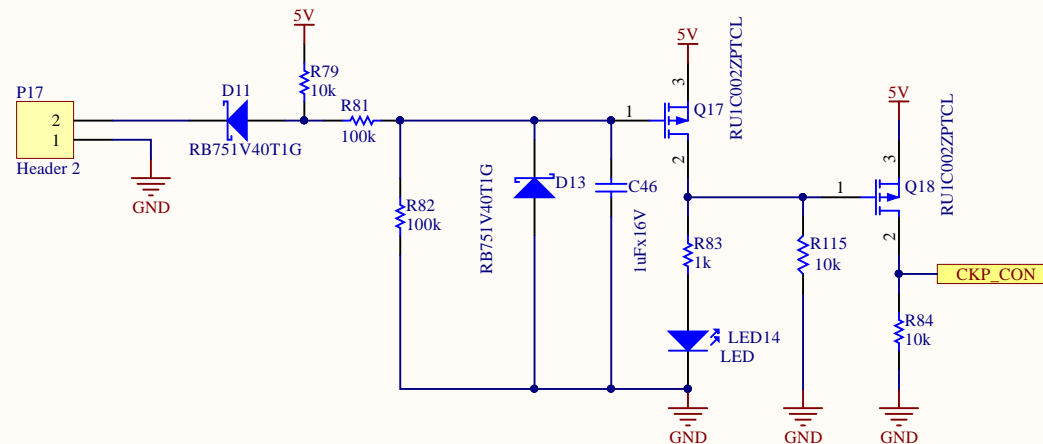


Title: MCU		Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb *	Author: João Guimarães		
Date: 02/10/2018	3 9		
File: C:\Users\joao.guimaraes\Downloads\hardware-master\Mainboard-2.0\Source\MCU.SchDoc			

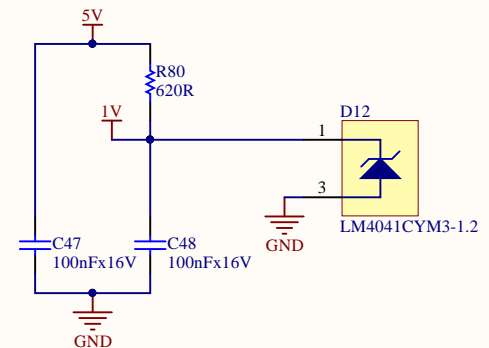
CKP Conditioning Circuit



CKP Detection Circuit

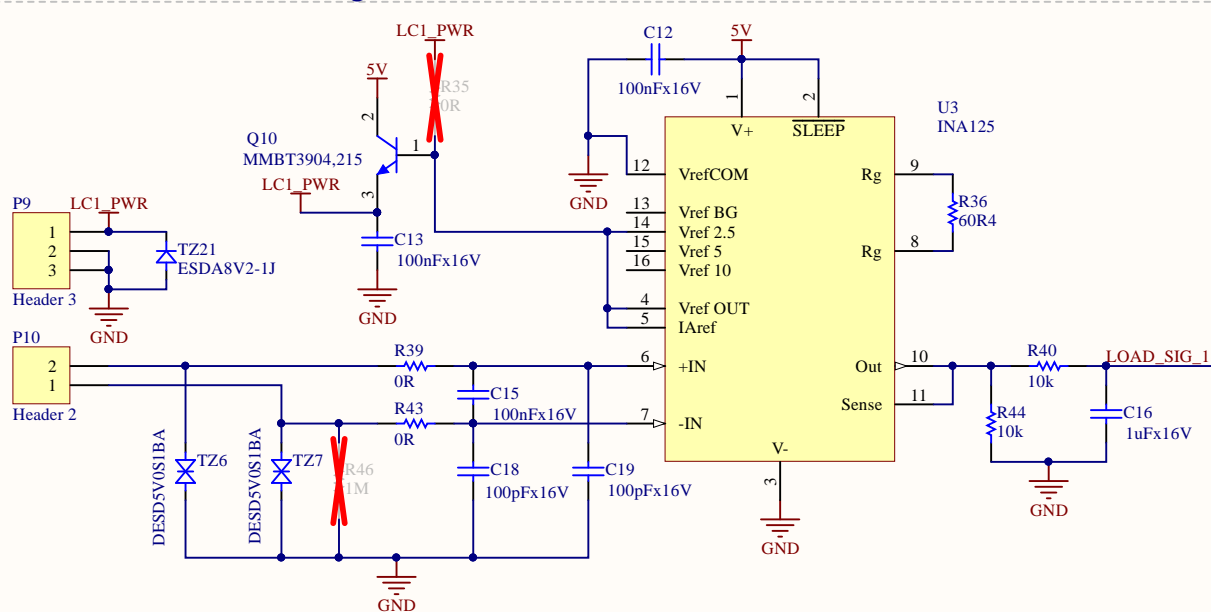


1V Voltage Reference



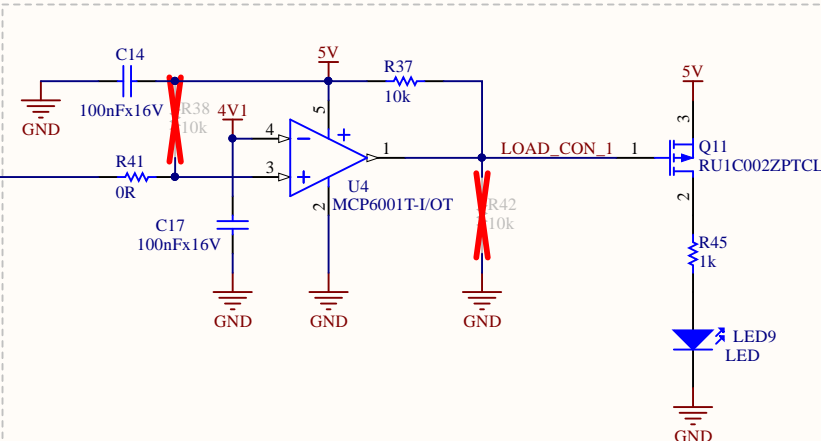
Title: SpeedACQ		Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb	Author: João Guimarães		
Date: 02/10/2018	4 9		
File: C:\Users\joao.guimaraes\Downloads\hardware-master\Mainboard-2.0\Source\SpeedACQ.SchDoc			

Load Cell 1 Conditioning Circuit

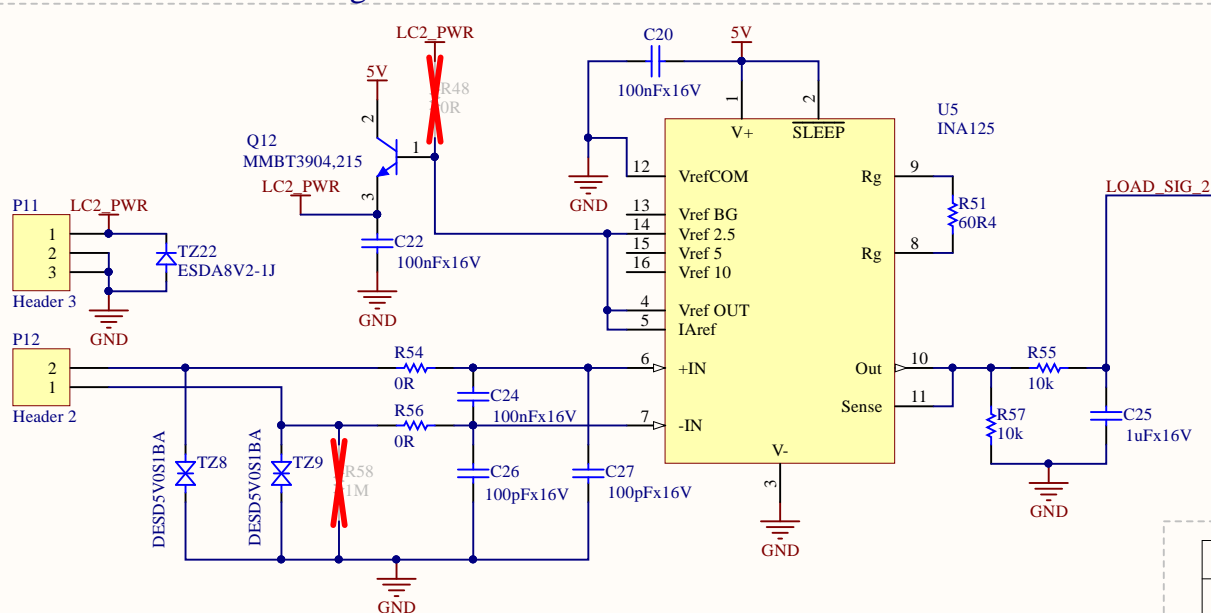


LOAD_SIG_1	LOAD_SIG_1
LOAD_SIG_2	LOAD_SIG_2
LOAD_CON_1	LOAD_CON_1
LOAD_CON_2	LOAD_CON_2

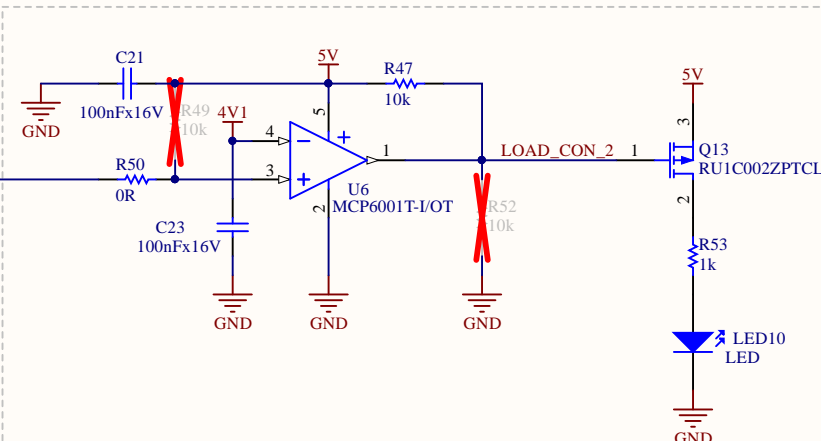
Load Cell 1 Detection Circuit



Load Cell 1 Conditioning Circuit

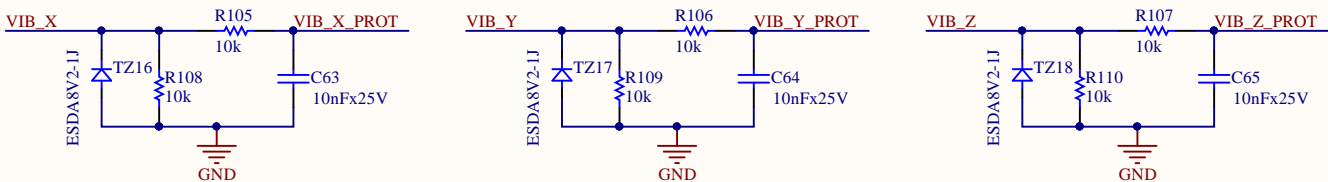


Load Cell 1 Detection Circuit

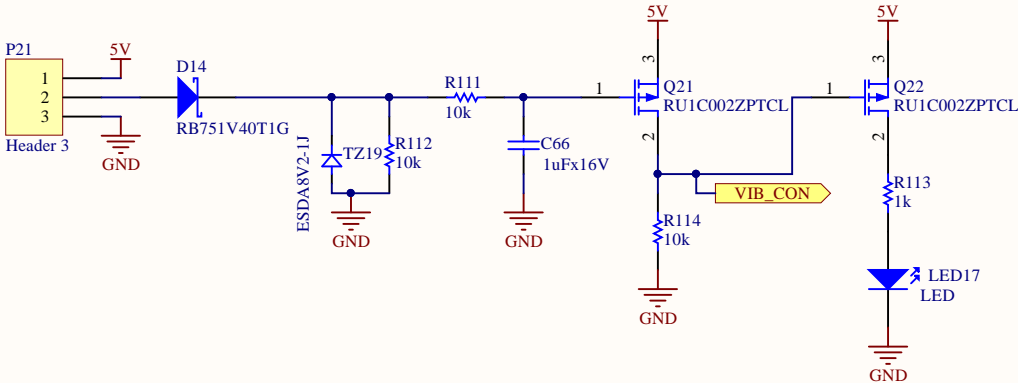


Title: ForceACQ	Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb *	Author: João Guimarães	
Date: 02/10/2018	5 9	
File: C:\Users\joao.guimaraes\Downloads\hardware-master\Mainboard-2.0\Source\ForceACQ.SchDoc		

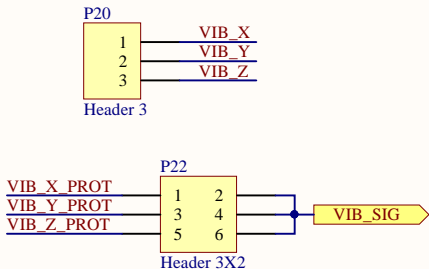
Accelerometer Filtering Circuit



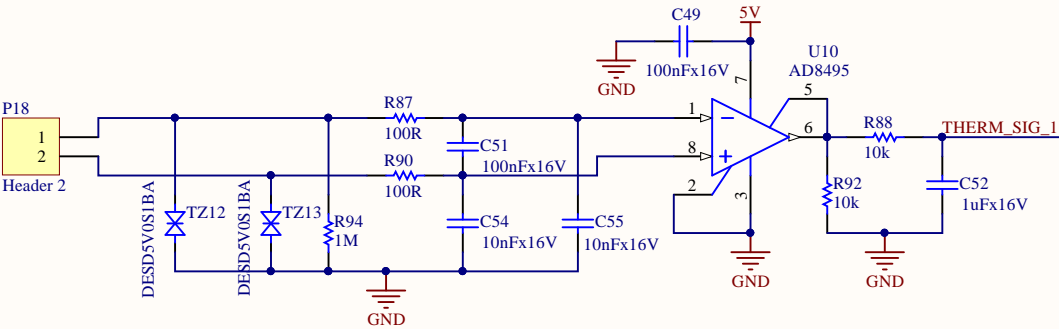
Accelerometer Detection Circuit



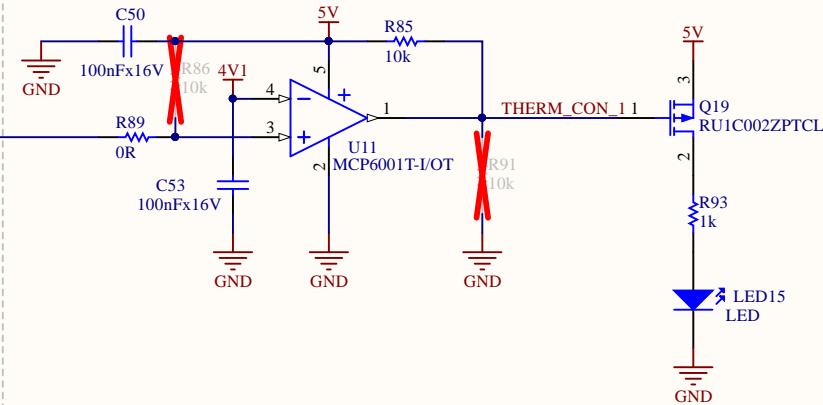
Connectors



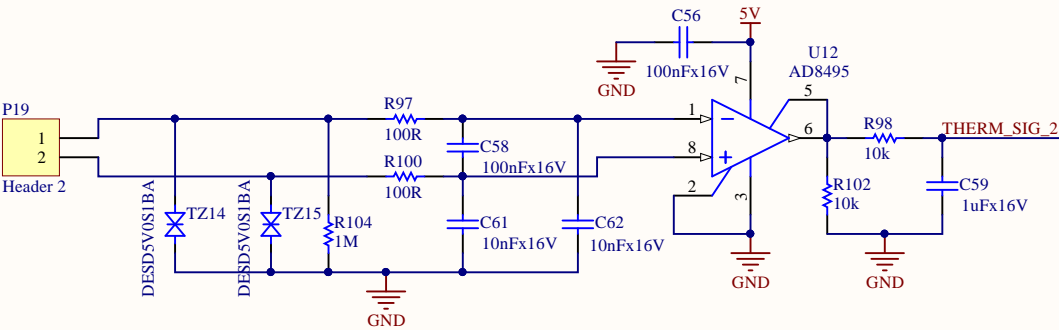
Thermocouple 1 Conditioning Circuit



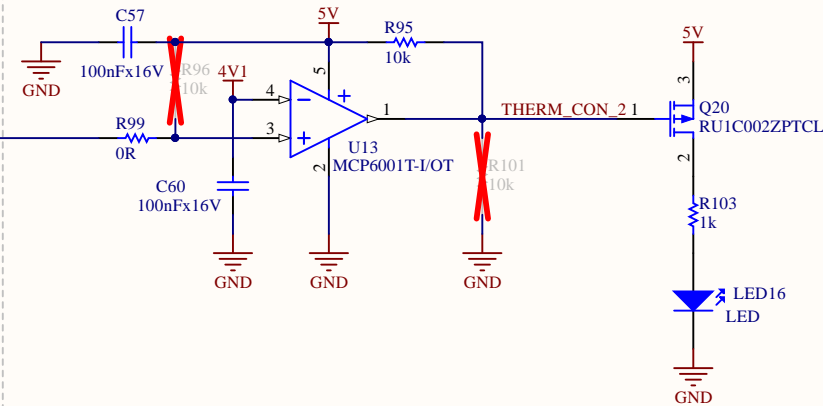
Thermocouple 1 Detection Circuit



Thermocouple 2 Conditioning Circuit



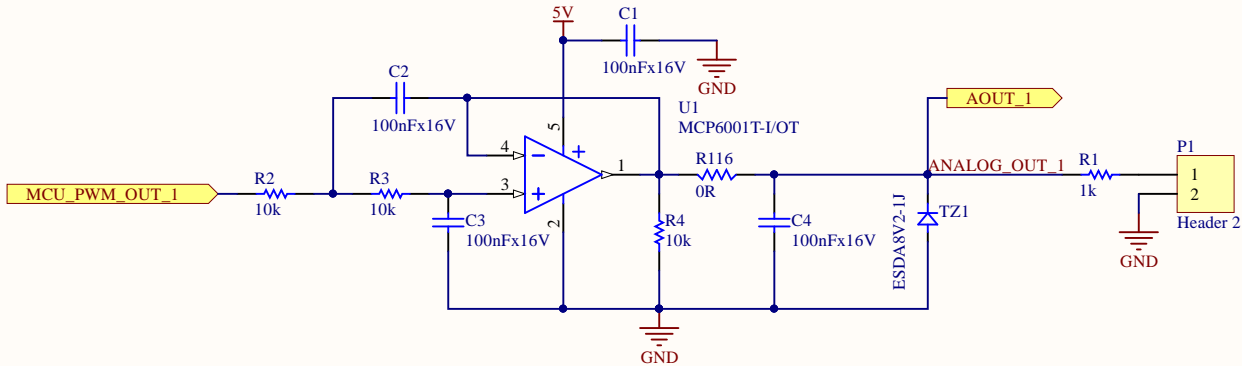
Thermocouple 2 Detection Circuit



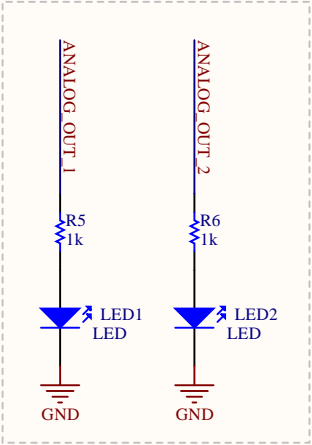
THERM_SIG_1	THERM_SIG_1
THERM_SIG_2	THERM_SIG_2
THERM_CON_1	THERM_CON_1
THERM_CON_2	THERM_CON_2

Title: TemperatureACQ		Version: 2.0	Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb	Author: João Guimarães		
Date: 02/10/2018	7 9		
File: C:\Users\joao.guimaraes\Downloads\hardware-master\Mainboard-2.0\Source\TemperatureACQ.SchDoc			

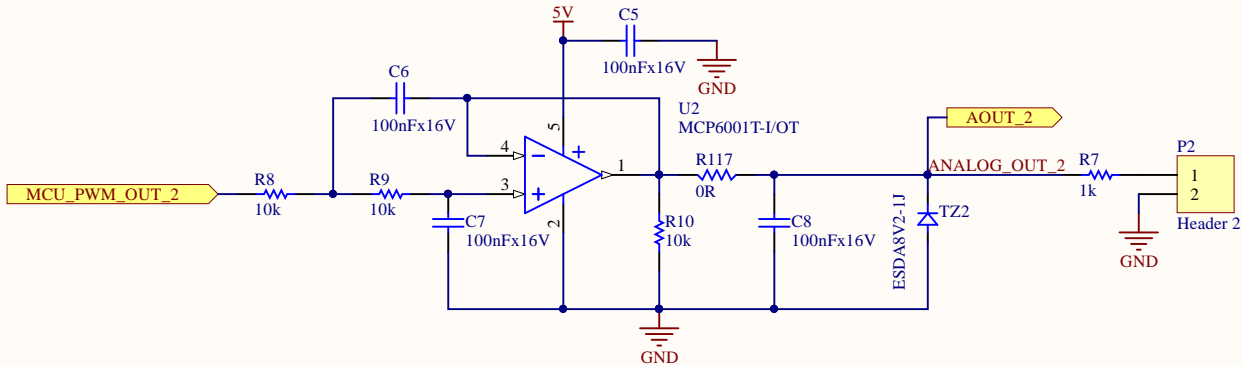
DAC 1



LEDs

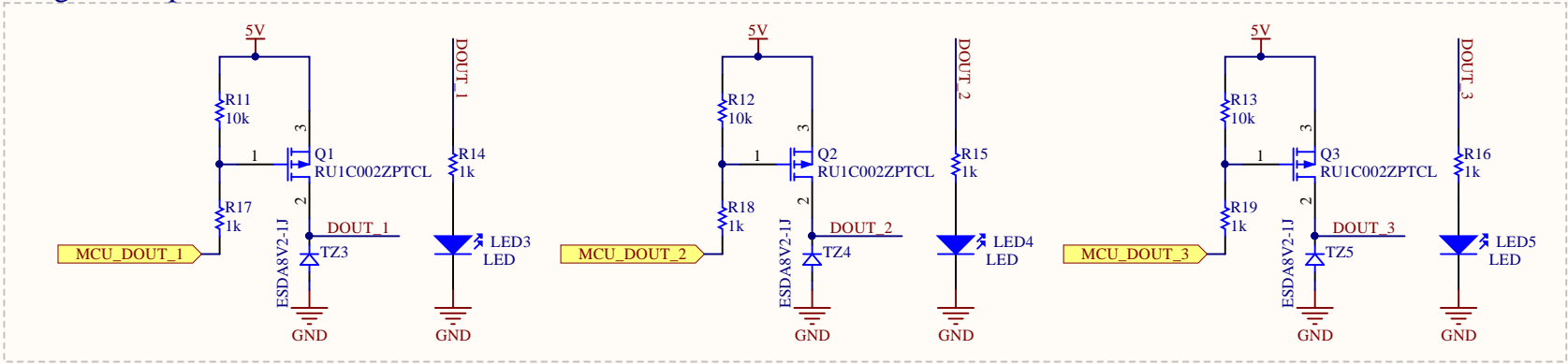


DAC 2

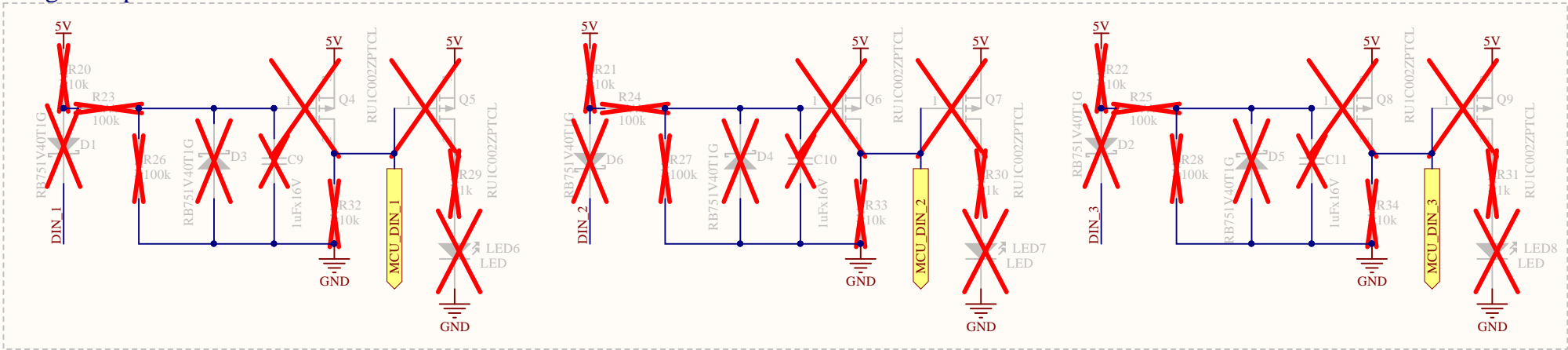


Title: Analog Output		Version: 2.0		Cannot open file C:\Users\joaog\Documents\Altium\Templates\unb_logo.png
Project: BTB.PrjPcb *		Author: João Guimarães		
Date: 02/10/2018		8 9		
File: C:\Users\joao.guimaraes\Downloads\hardware-master\Mainboard-2.0\Source\AnalogOutput.SchDoc				

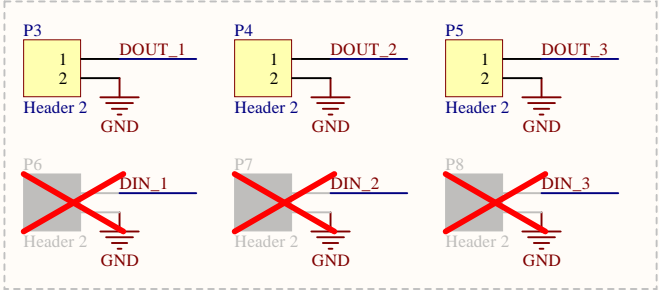
Digital Output Interface



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: 02/10/2018	* *		
File: C:\Users\joao.guimaraes\Downloads\hardware-master\Mainboard-2.0\Source\DigitalInterfaces.SchDoc			