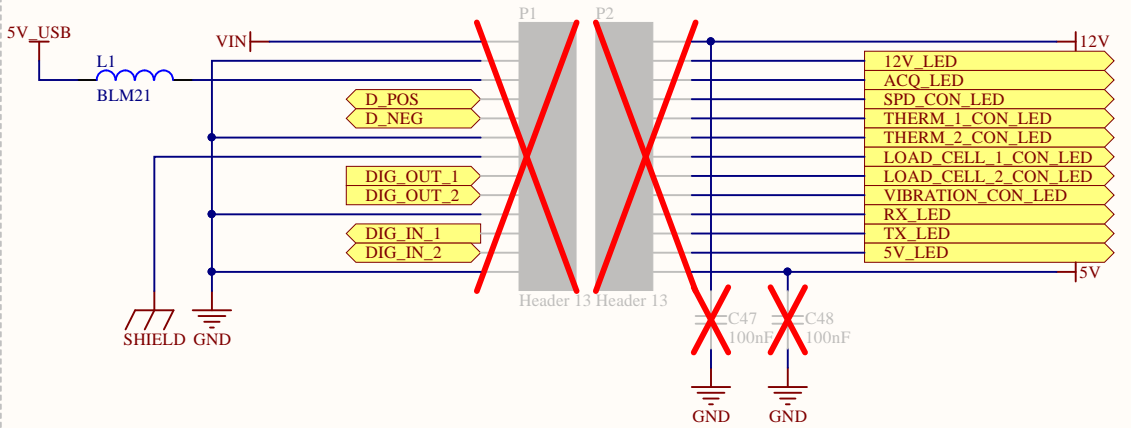
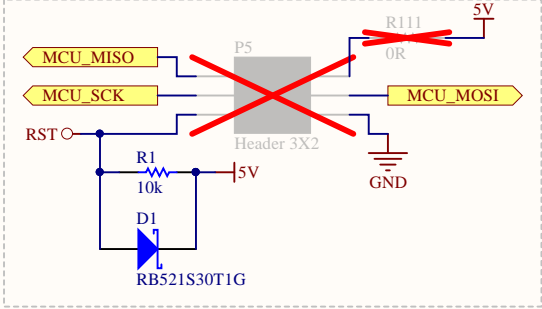


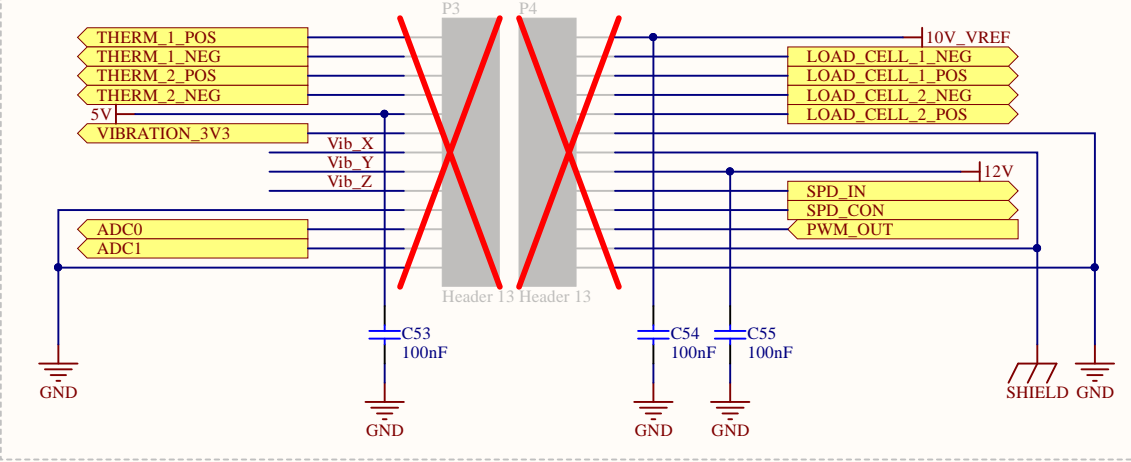
DigitalCon



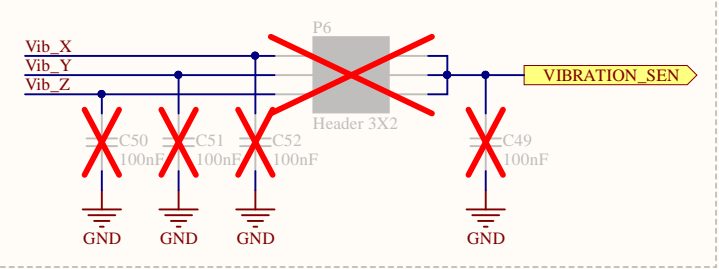
MCU_PROGRAMMING



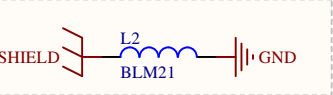
AnalogCon



Vibration Jumper



Shield Connection



Title: Connectors		Version: 1.0.0	Cannot open file C:\Users\joaog\Documents\braketestbench\hardware\tools\templatebook_logg...
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketestbench\hardware\Source\Connectors.SchDoc			

A

B

C

D

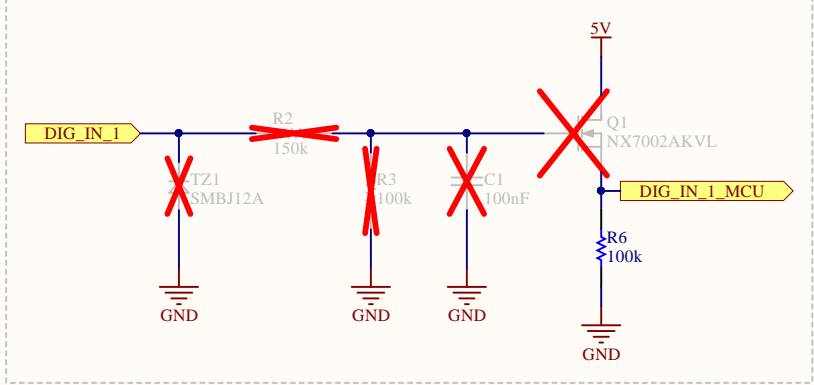
A

B

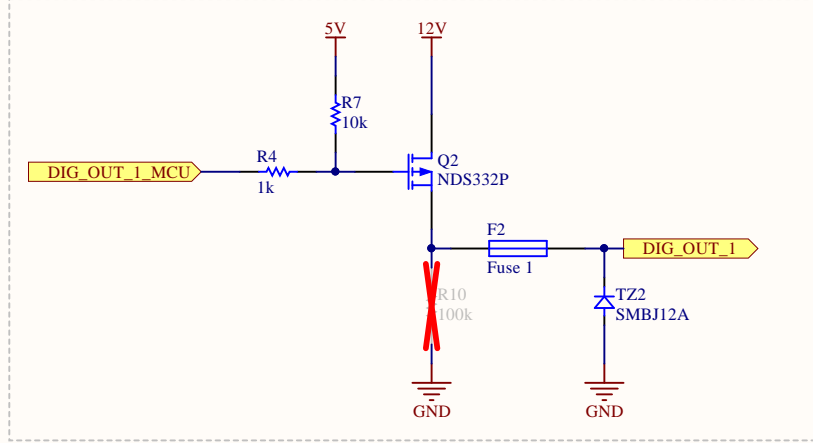
C

D

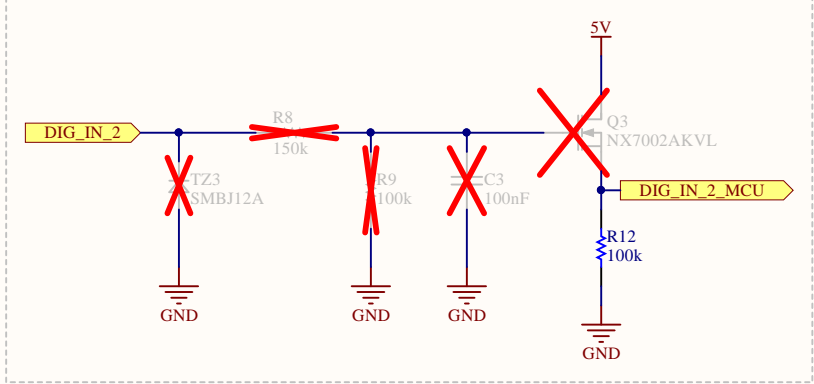
Input Protection 1



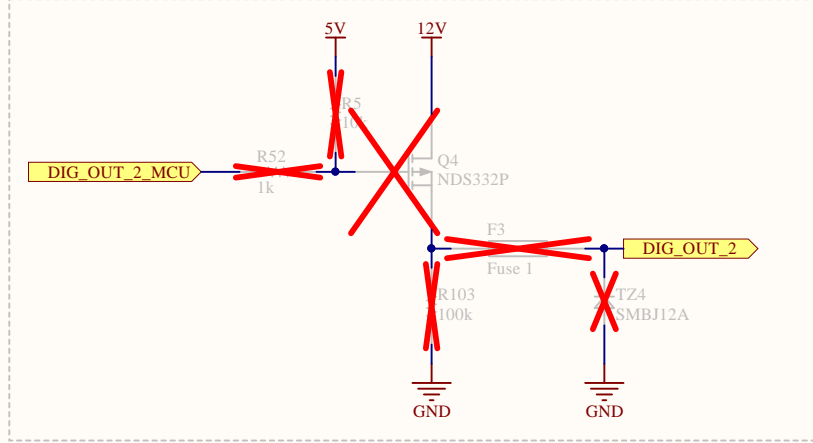
Output Protection 1



Input Protection 2



Output Protection 2



Title: DigitalInterfaces		Version: 1.0.0	Cannot open file C:\Users\joaog\Documents\braketstbench\hardware\tools\templ atuhub_logg.jpg
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketstbench\hardware\Source\DigitalInterfaces.SchDoc			

A

B

C

D

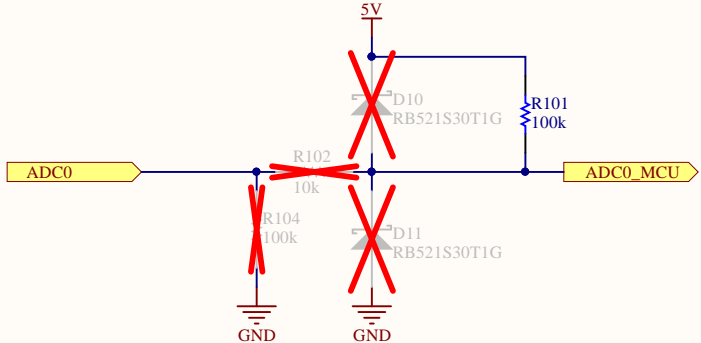
A

B

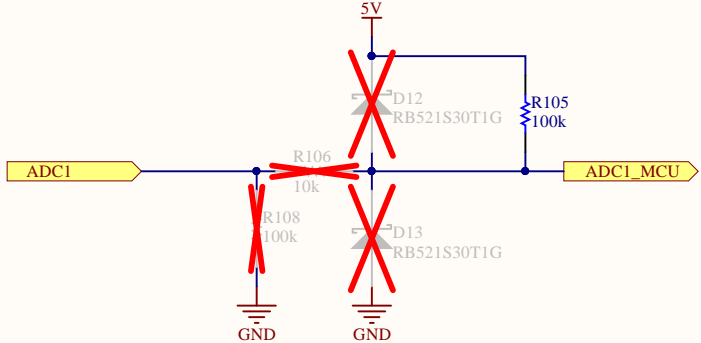
C

D

Extra ADC0

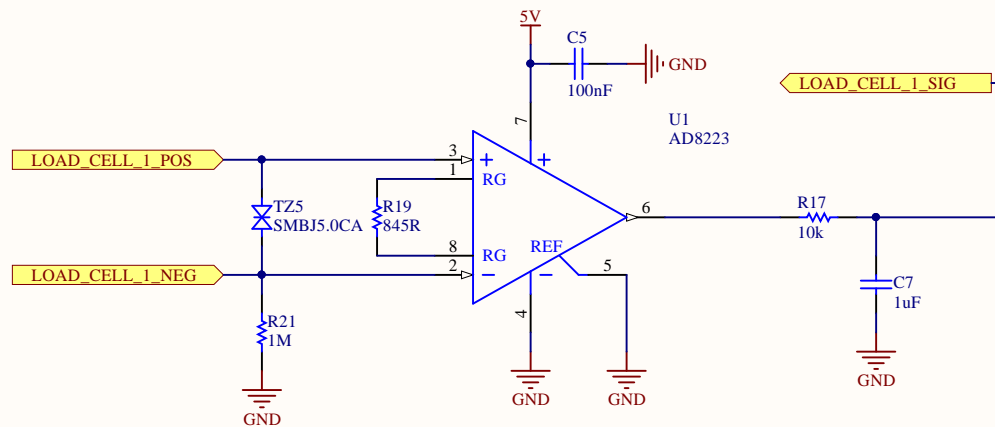


Extra ADC1

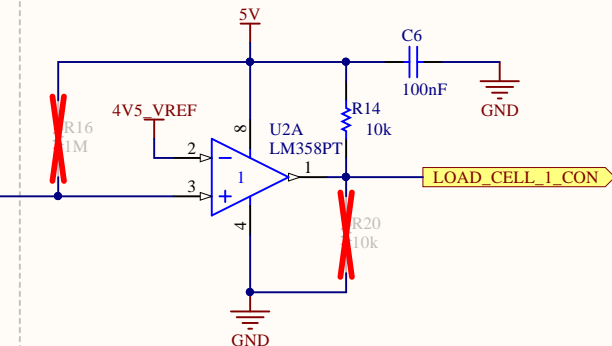


Title: ExtraADC		Version: 1.0.0	Cannot open file C:\Users\joaog\Documents\braketestbench\hardware\tools\template\chuck_logo.jpg
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketestbench\hardware\Source\ExtraADC.SchDoc			

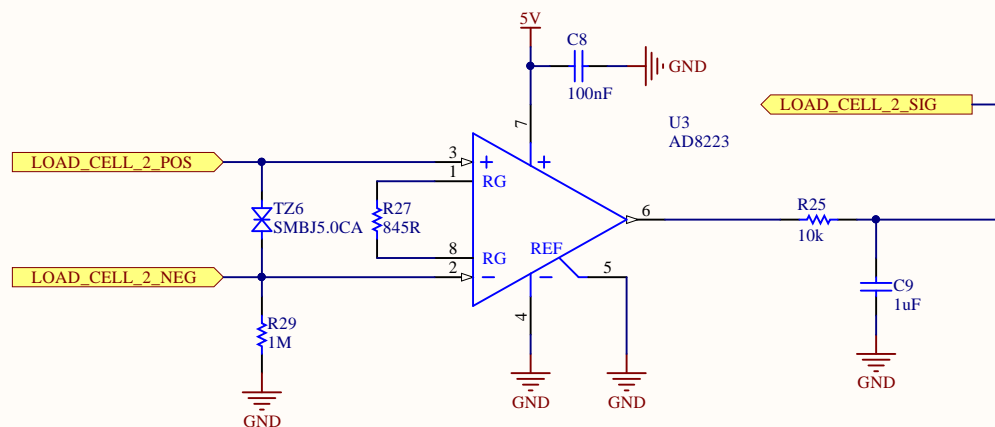
LoadCell 1 Conditioning Circuit



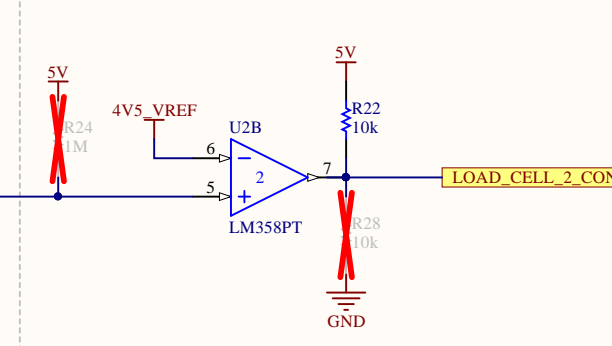
LoadCell 1 Detection Circuit



LoadCell 2 Conditioning Circuit

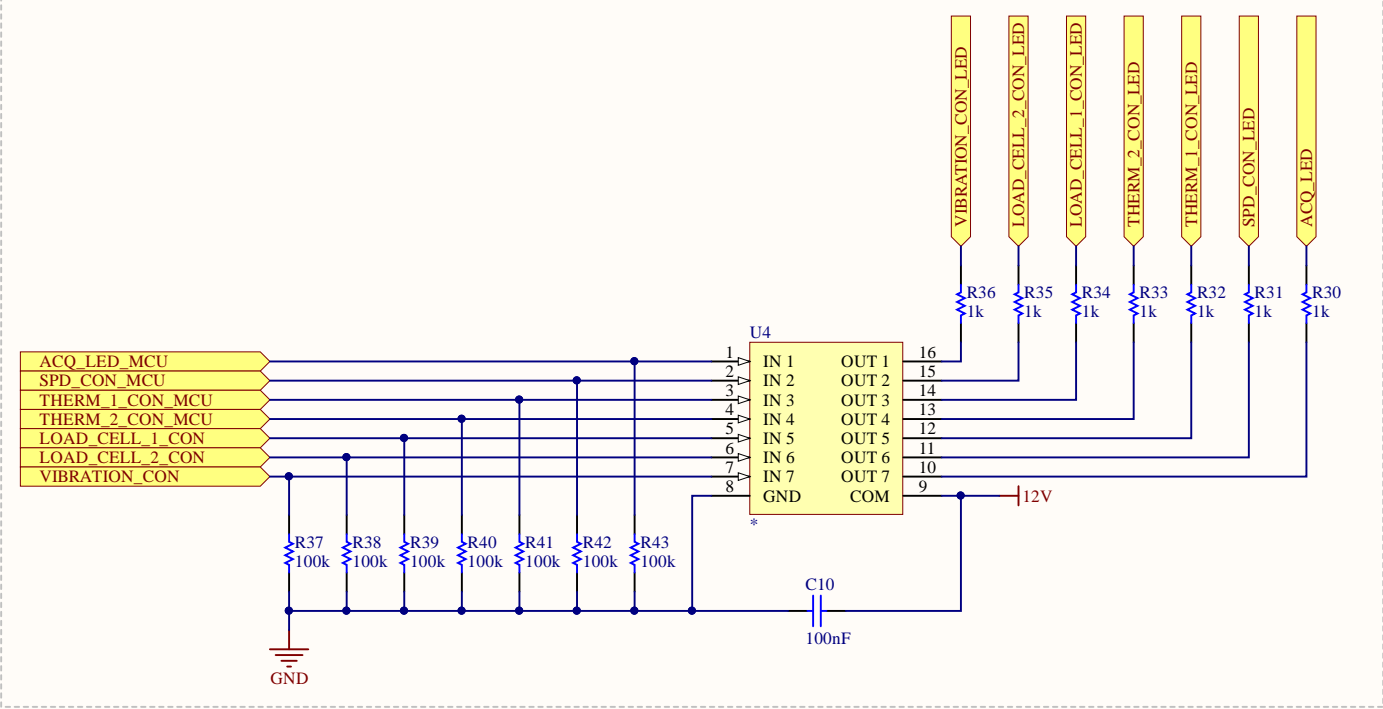


LoadCell 2 Detection Circuit

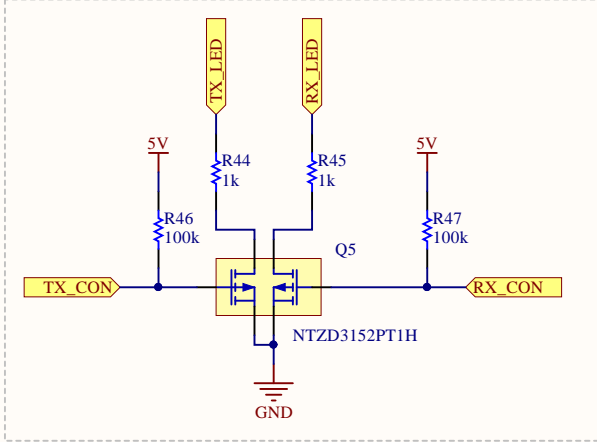


Title: Force Acquisition Channel		Version: 1.0.0	Cannot open file C:\Users\joaog\Documents\braketstbench\hardware\tools\template\template_log.jpg
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketstbench\hardware\Source\ForceACQ.SchDoc			

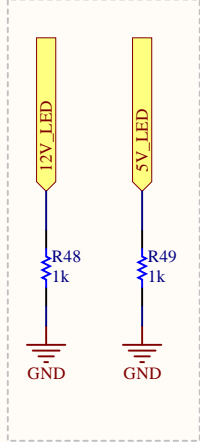
ConnectionLeds



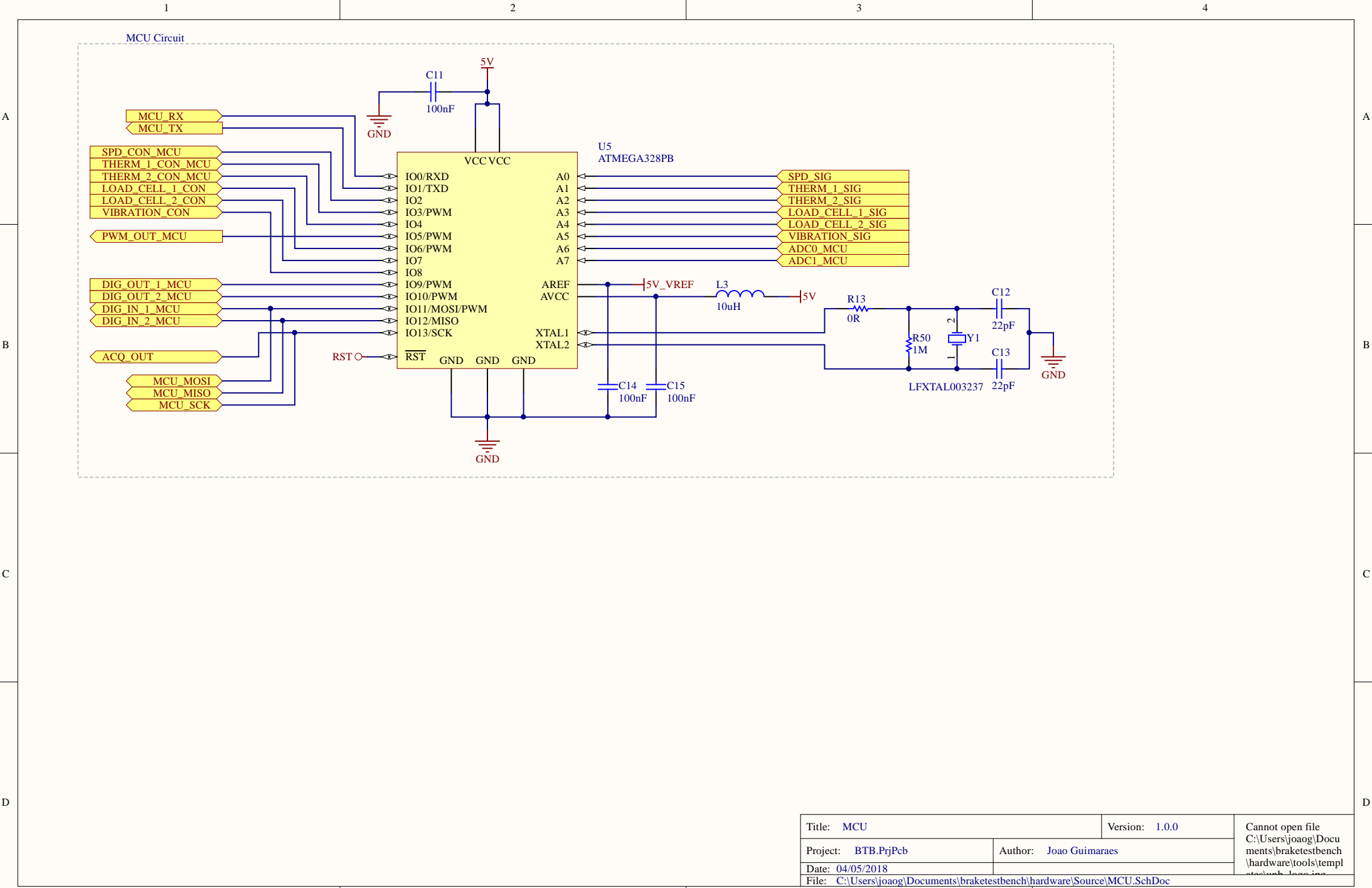
Serial Leds



PowerSupplyLEDs



Title: Leds		Version: 1.0.0	Cannot open file C:\Users\joaog\Documents\braketstbench\hardware\tools\templ atchub_logg.jpg
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketstbench\hardware\Source\Leds.SchDoc			



A

B

C

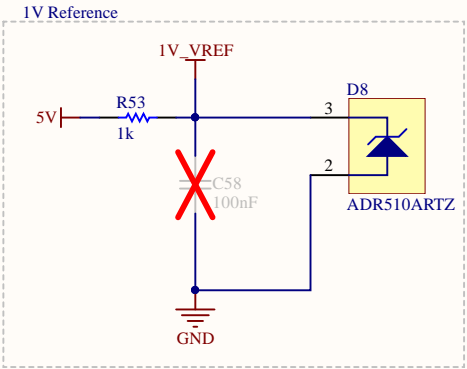
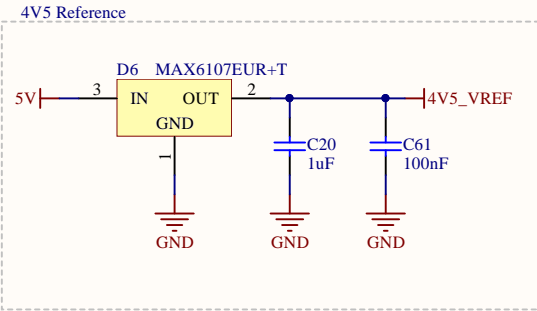
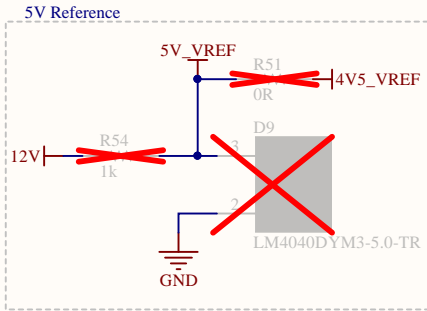
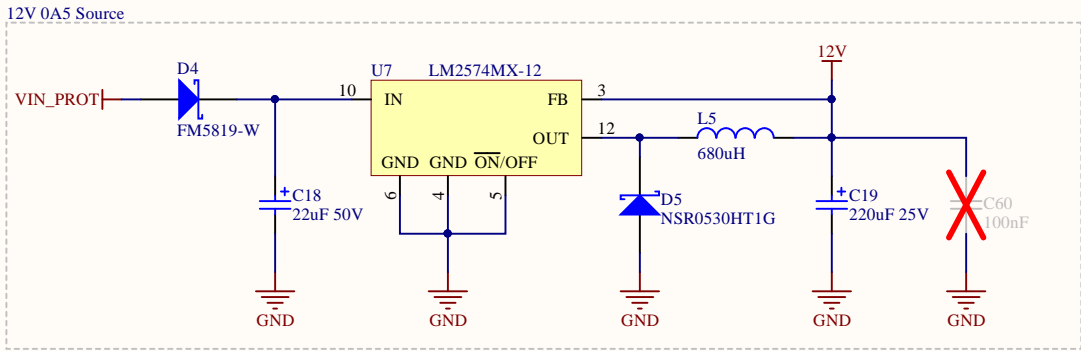
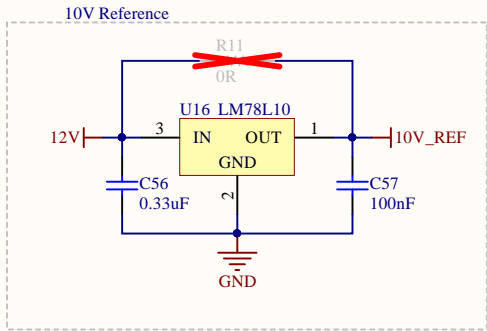
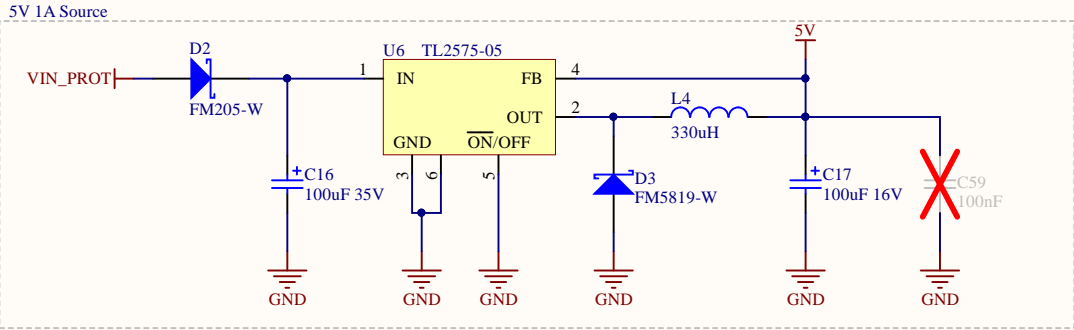
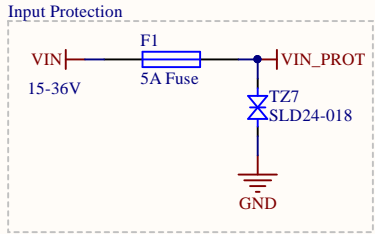
D

A

B

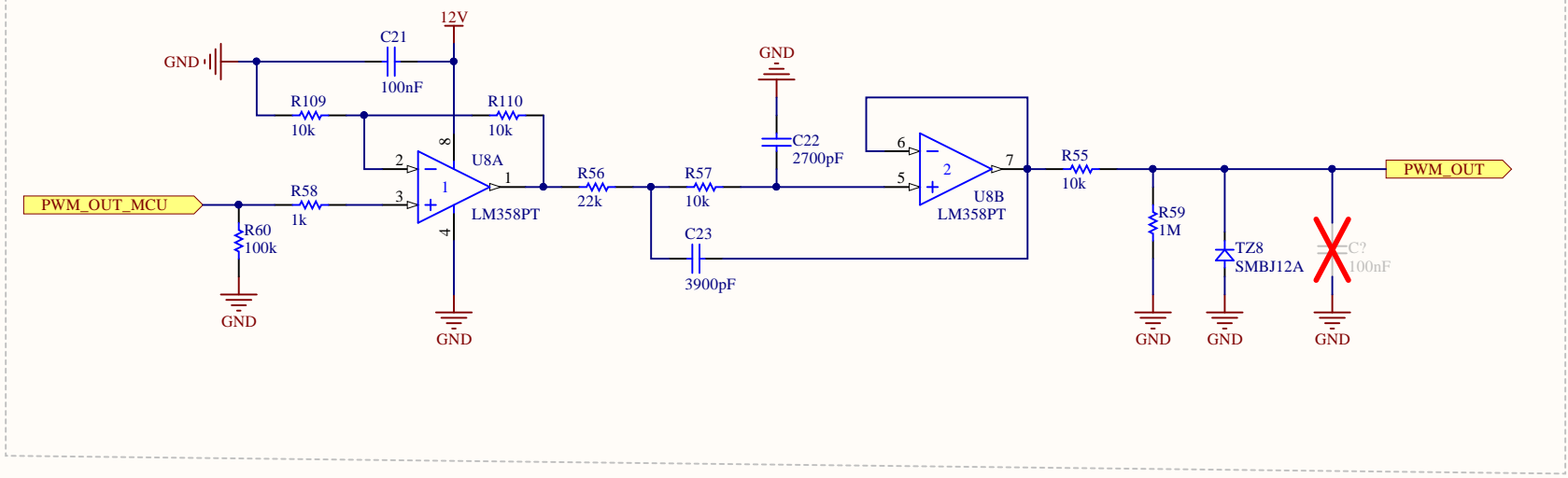
C

D



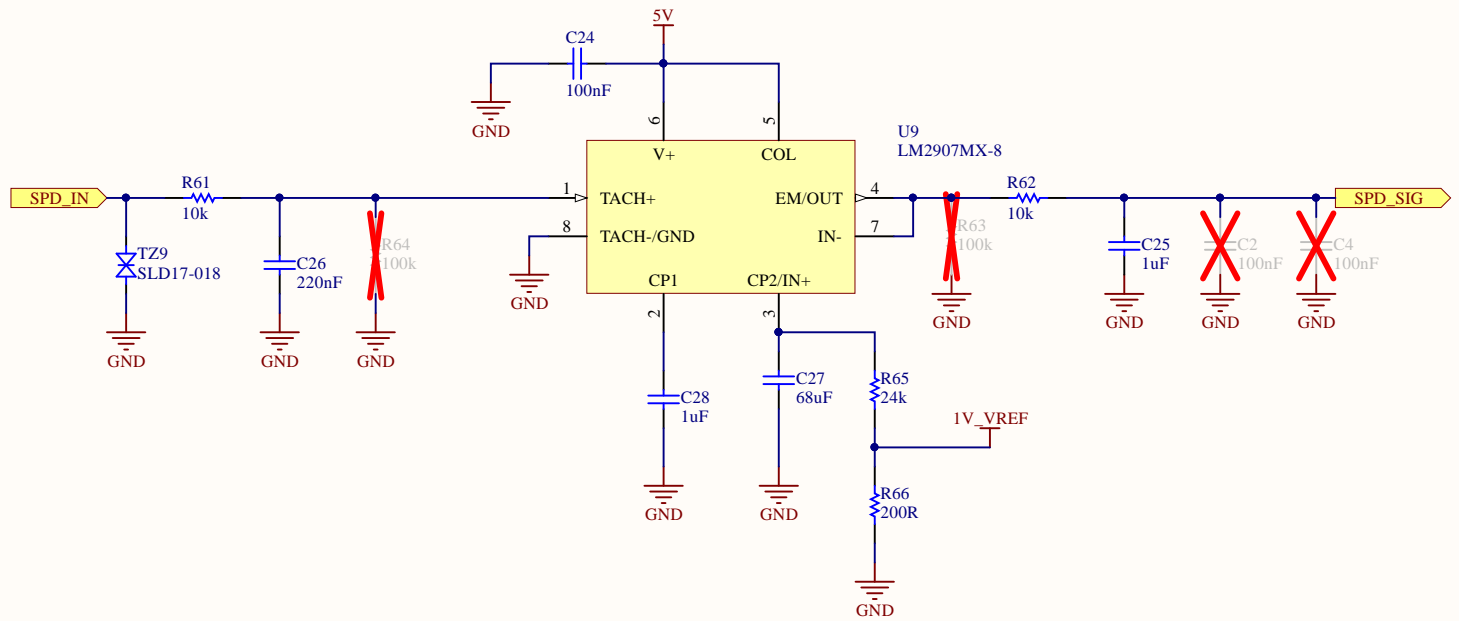
Title: PowerSupplies		Version: 1.0.0	Cannot open file C:\Users\joaog\Documents\braketstbench\hardware\tools\template\work_logo.jpg
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketstbench\hardware\Source\PowerSupplies.SchDoc			

Pwm To Voltage Circuit

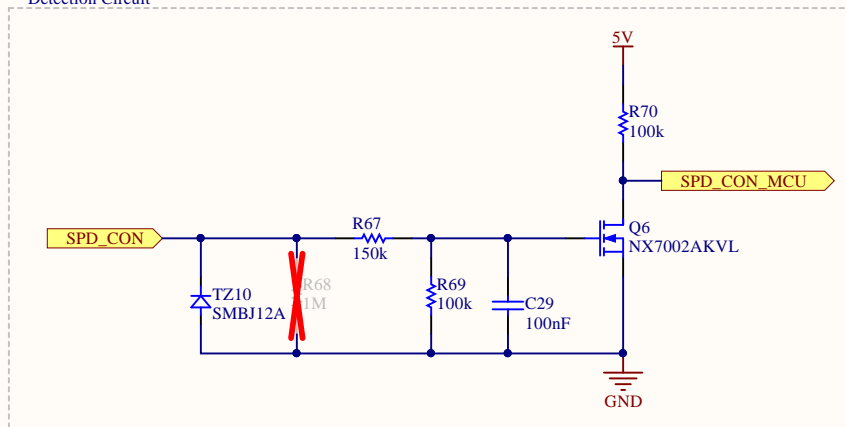


Title: PwmOut		Version: 1.0.0	Cannot open file C:\Users\joaog\Documents\braketstbench\hardware\tools\template\chuck_logo.jpg
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketstbench\hardware\Source\PwmOut.SchDoc			

CKP Conditioning Circuit

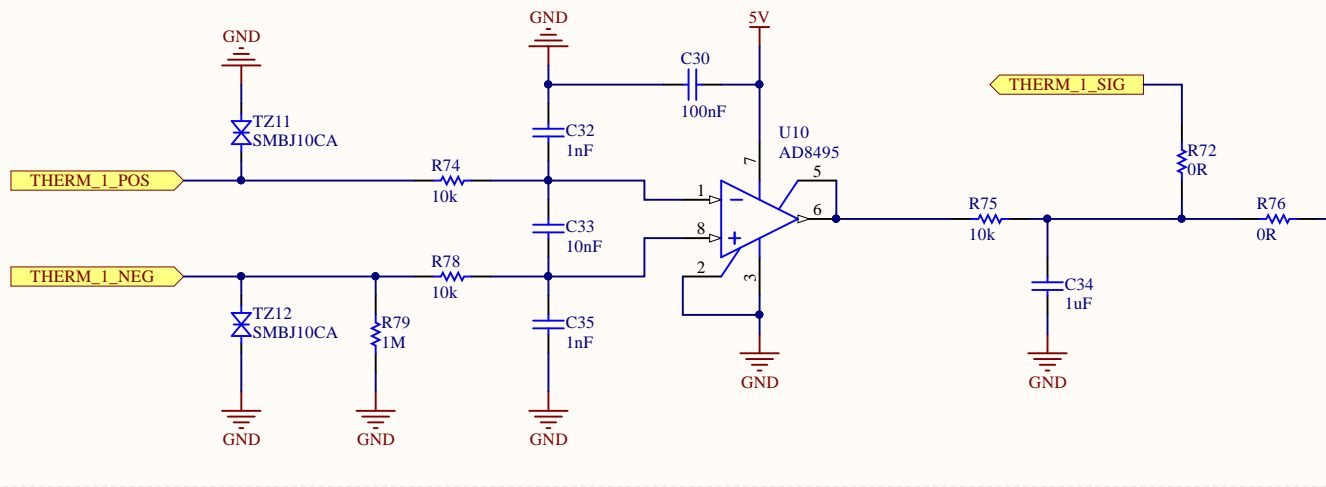


Detection Circuit

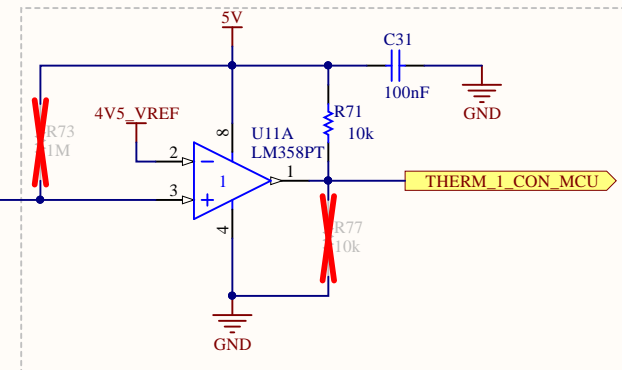


Title: SpeedACQ		Version: 1.0.0	Cannot open file C:\Users\joaog\Documents\braketstbench\hardware\tools\templatework_logg.jpg
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketstbench\hardware\Source\SpeedACQ.SchDoc			

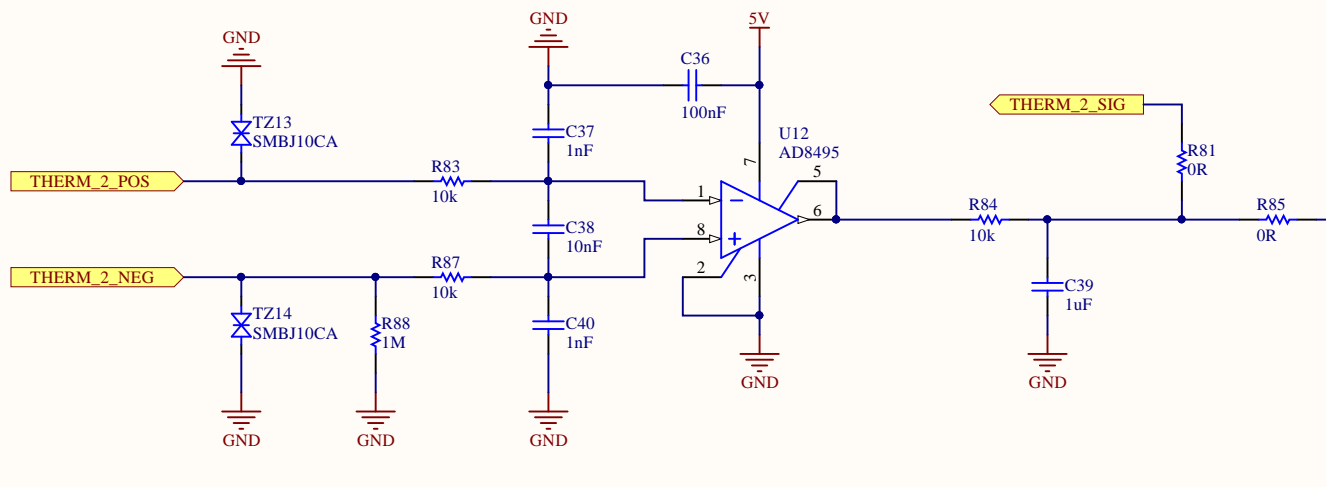
Thermocouple 1 Conditioning Circuit



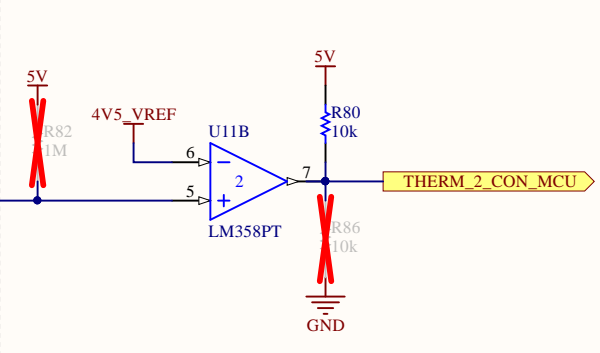
Thermocouple 1 Detection Circuit



Thermocouple 2 Conditioning Circuit

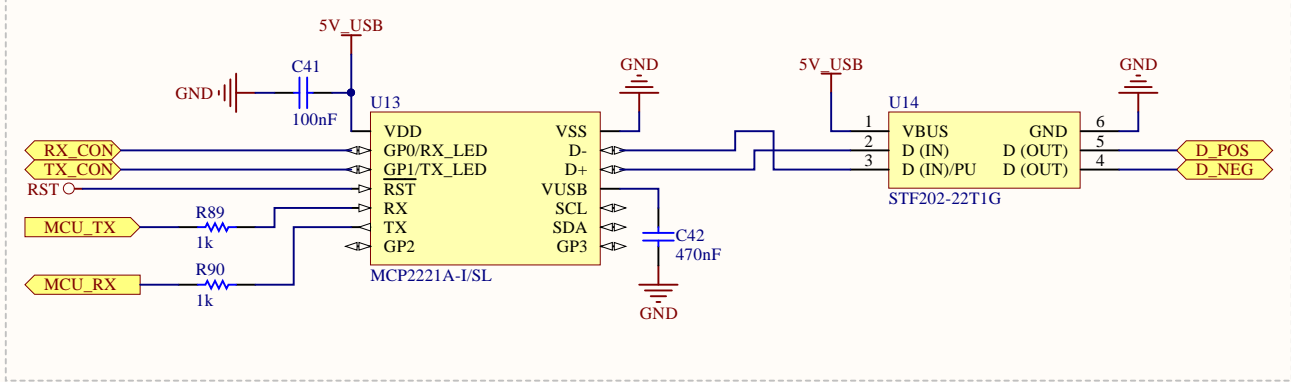


Thermocouple 2 Detection Circuit



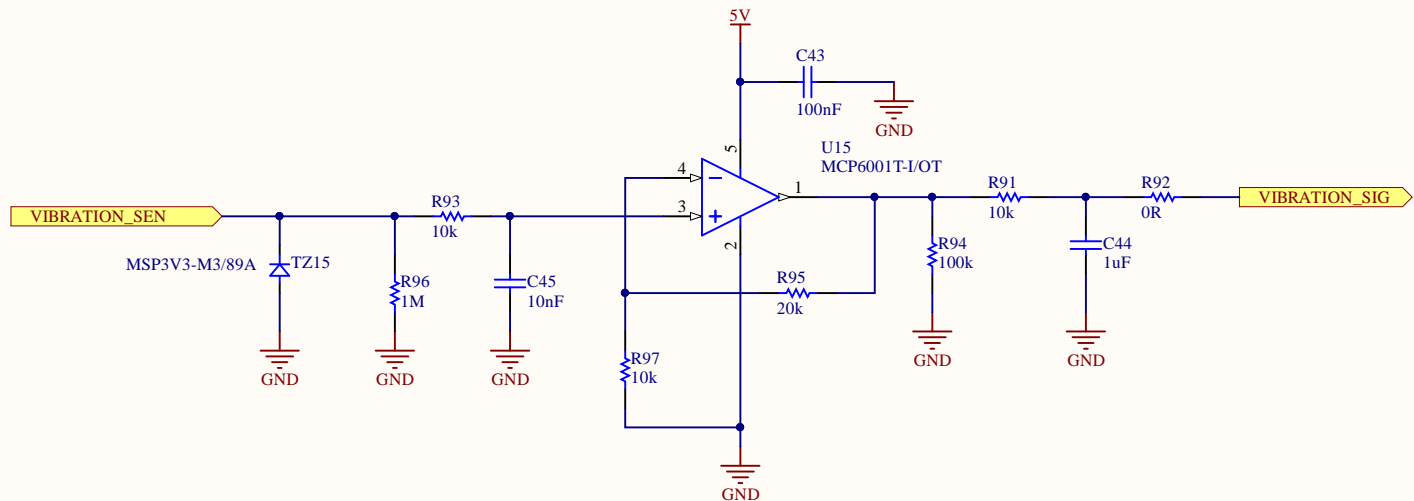
Title: TemperatureACQ		Version: 1.0	Cannot open file C:\Users\joaog\Documents\braketstbench\hardware\tools\templatework_log.jpg
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketstbench\hardware\Source\TemperatureACQ.SchDoc			

USB/UART Converter

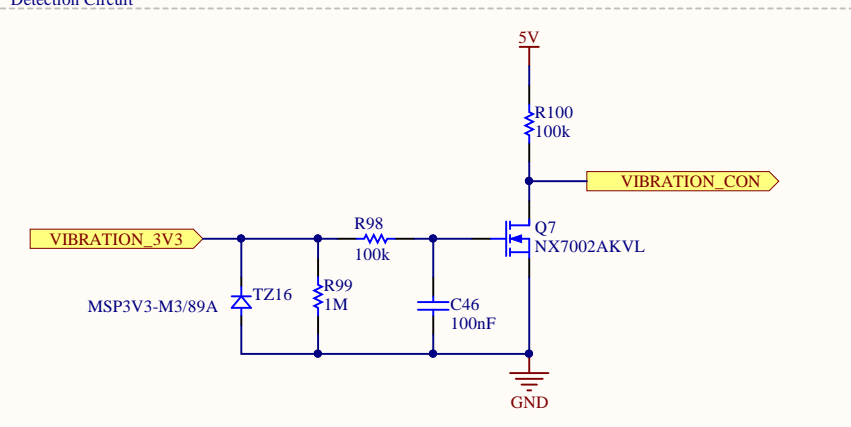


Title: USB		Version: 1.0.0	Cannot open file C:\Users\joaog\Documents\braketstbench\hardware\tools\template\usb_log.jpg
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketstbench\hardware\Source\USB.SchDoc			

Amplification Circuit



Detection Circuit



Title: VibrationACQ		Version: 1.0.0	Cannot open file C:\Users\joaog\Documents\braketstbench\hardware\tools\templatebook_logo.jpg
Project: BTB.PrjPcb	Author: Joao Guimaraes		
Date: 04/05/2018			
File: C:\Users\joaog\Documents\braketstbench\hardware\Source\VibrationACQ.SchDoc			