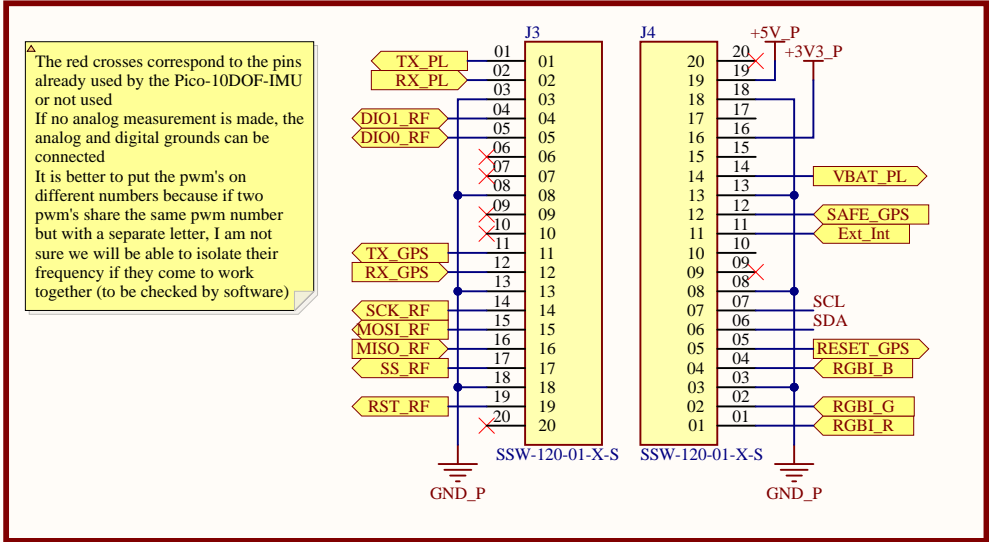
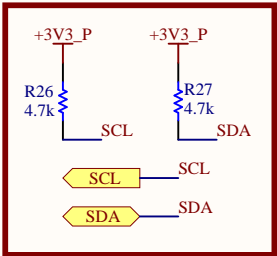
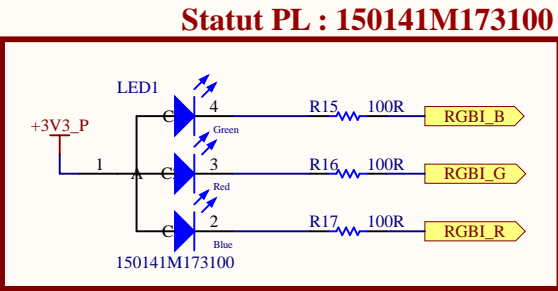


Title			MSE Interface	
Size	Number		Revision	
A4			V°1	
Date:	7/28/2023		Sheet of	
File:	C:\Users\...\MainSheet.SchDoc		Drawn By: Paul Mialhe	



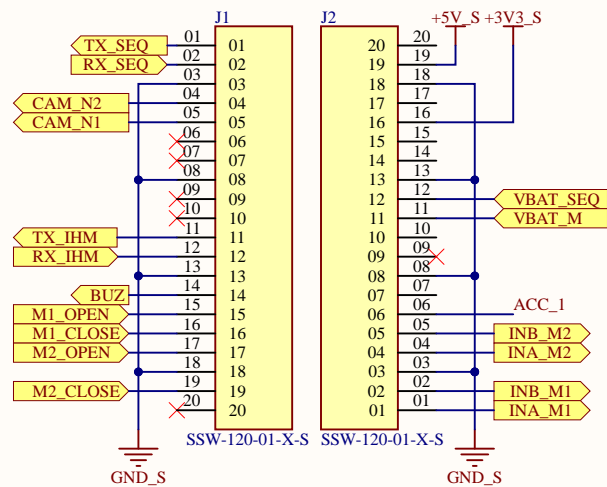
RP2040 - PL



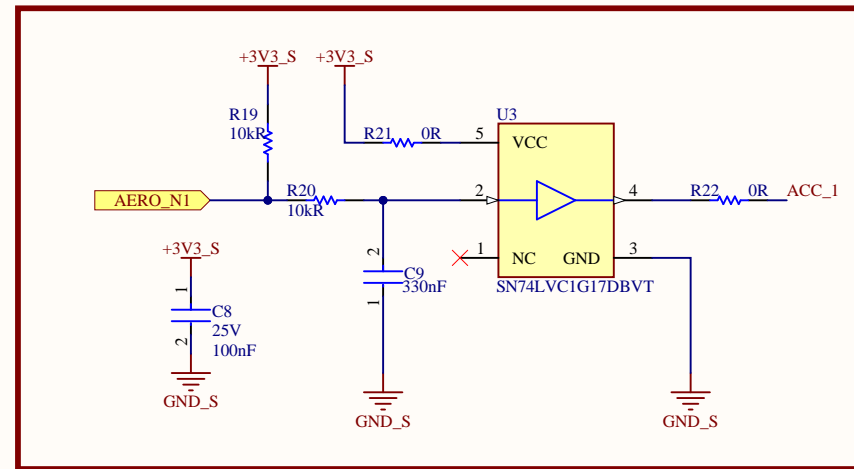
I2C : PULL UP - PL

Title			MSE Interface - MicroSEQ	
Size	Number	Revision		V°1
A4				
Date:	7/28/2023	Sheet of		
File:	C:\Users\...\MicroPLSheet.SchDoc	Drawn By: Paul Mialhe		

The red crosses correspond to the pins already used by the Pico-10DOF-IMU or not used. If no analog measurement is made, the analog and digital grounds can be connected. It is better to put the pwm's on different numbers because if two pwm's share the same pwm number but with a separate letter, I am not sure we will be able to isolate their frequency if they come to work together (to be checked)

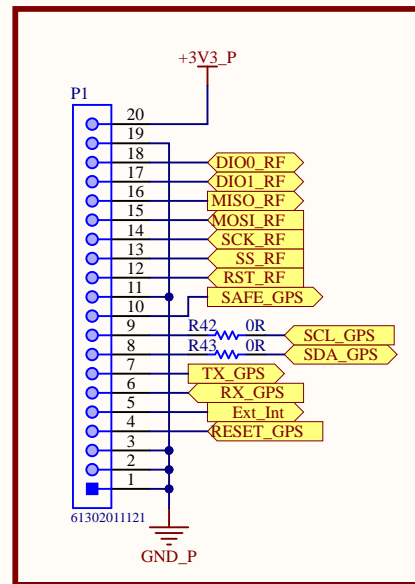


RP2040 - SEQ

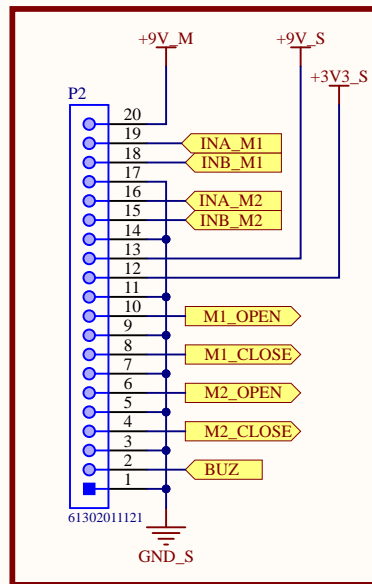


AccéléroContact : SN74LVC1G1

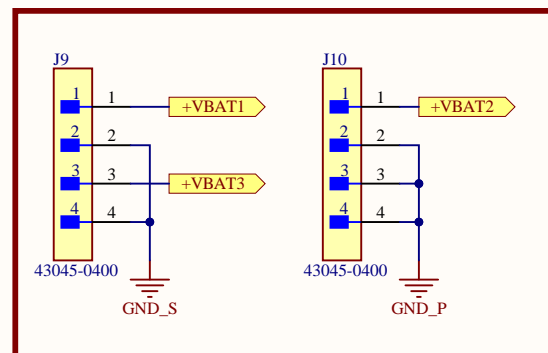
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Size	Number		Revision	
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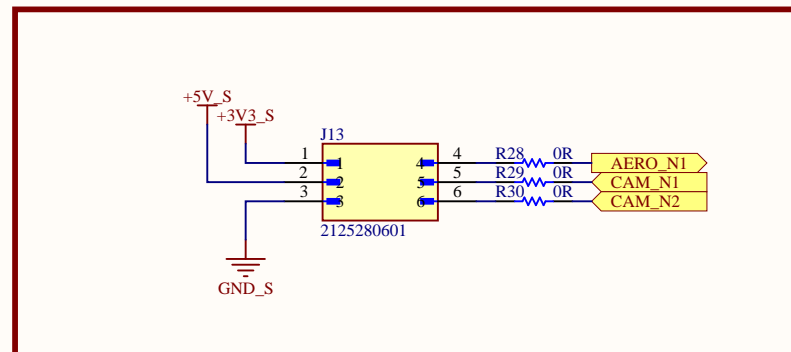
PinHead- PL



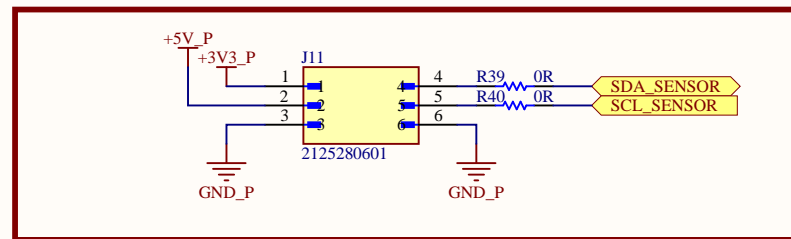
PinHead- SEQ



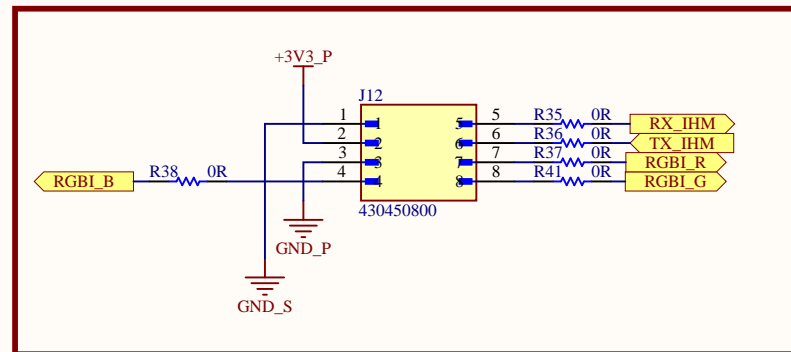
Micro-Fit 3.0 43045-0400 - Battery



Micro-Fit 3.0 43045-0400 - Accéléro contact



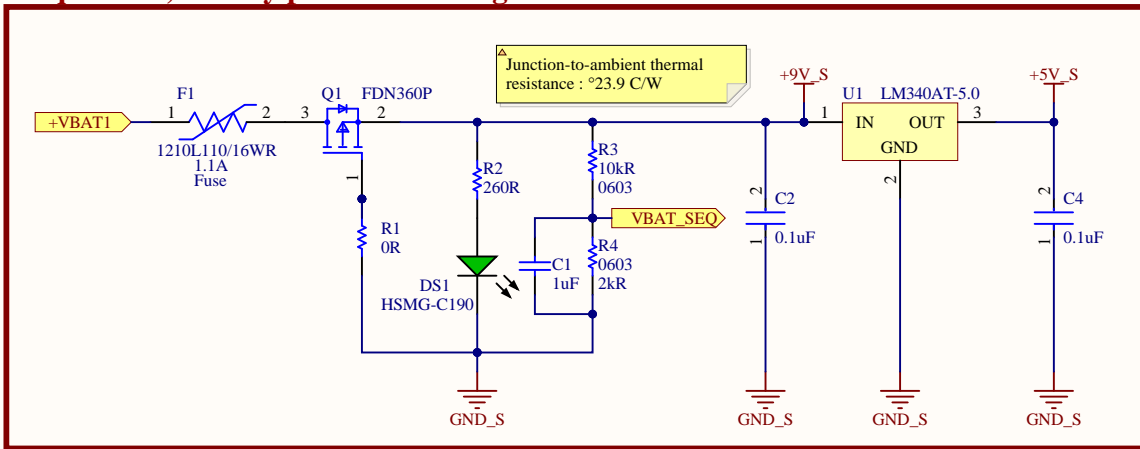
Micro-Fit 3.0 2125280-601 - COM-PL



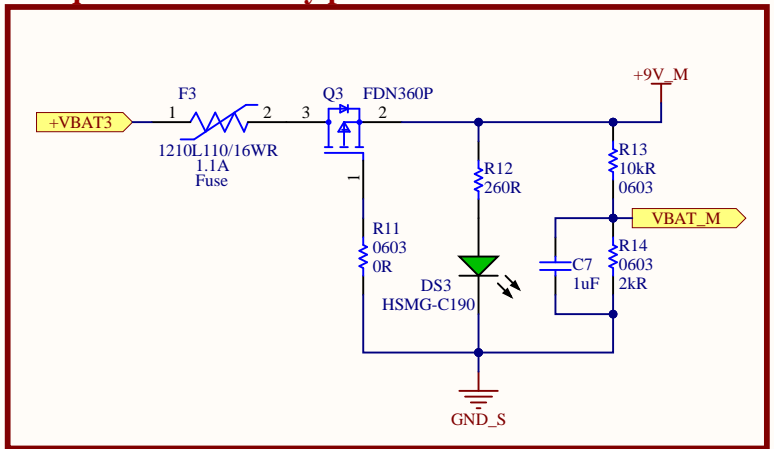
Micro-Fit 3.0 430450-800 - COM-IHM

Title		
MSE Interface - GPIO		
Size	Number	Revision
A4		V°1
Date:	7/28/2023	Sheet of
File:	C:\Users\...\GPIOSheet.SchDoc	Drawn By: Paul Mialhe

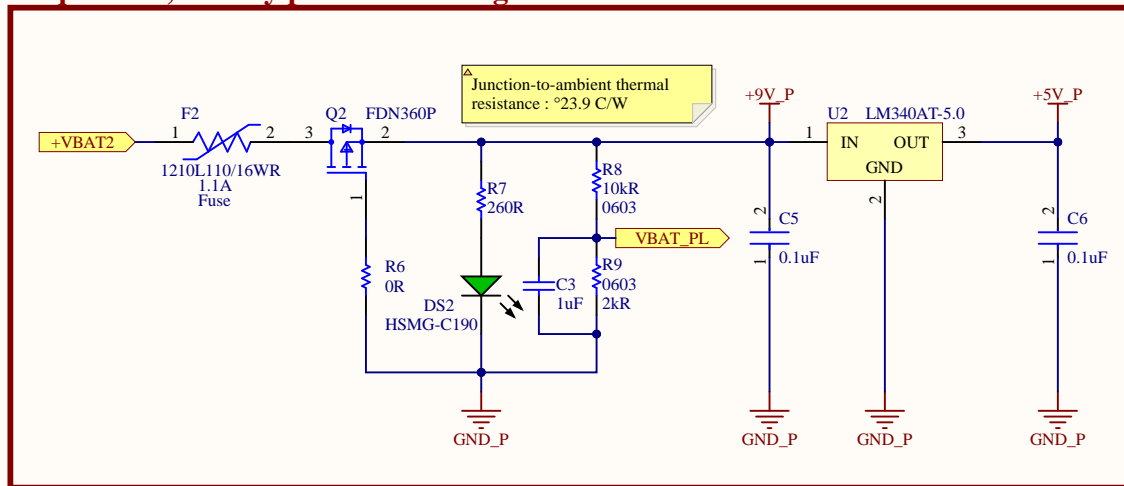
Acquisition, battery protection & regulator n°1 : FDV304P & LM340AT



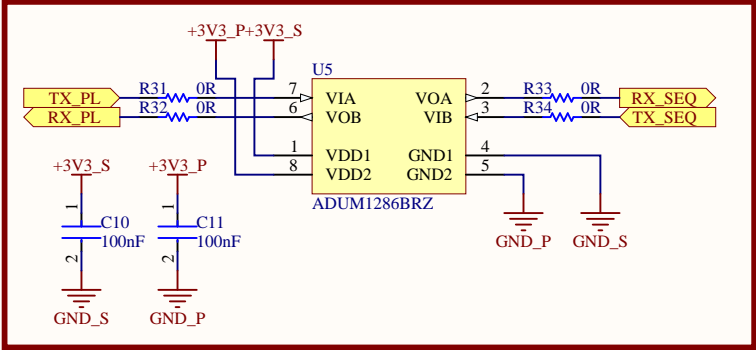
Acquisition & battery protection n°1 : FDV304P



Acquisition, battery protection & regulator n°A : FDV304P & LM340AT

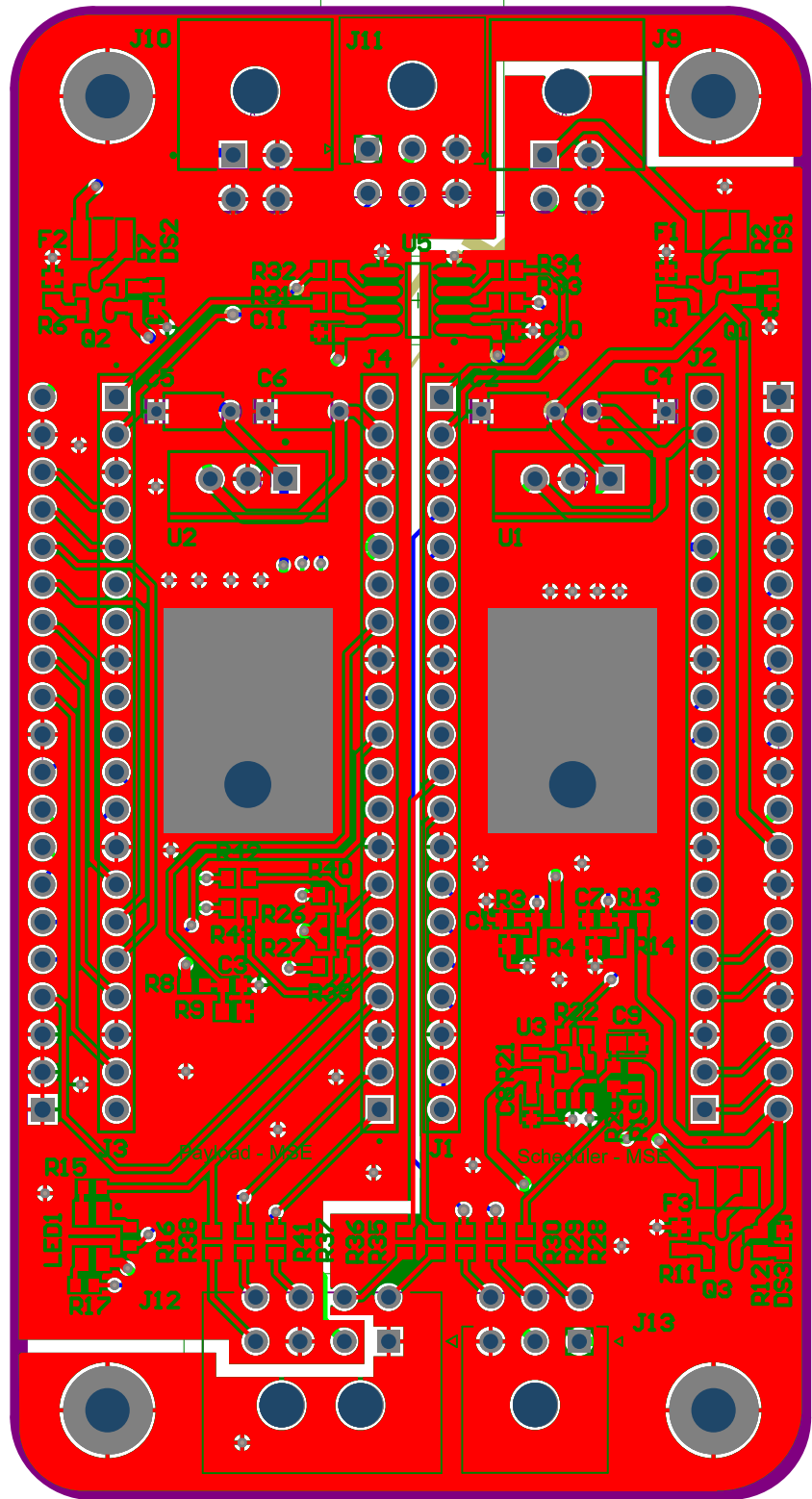


Title			MSE Interface - Power
Size	Number	Revision	
A4		V°1	
Date:	7/28/2023	Sheet of	
File:	C:\Users\...\PowerSheet.SchDoc	Drawn By:	Paul Mialhe



Data converter isolation : ADUM1286

Title			MSE Interface - Isolation	
Size	Number		Revision	
A4			V°1	
Date:	7/28/2023		Sheet of	
File:	C:\Users\...\IsolationSheet.SchDoc		Drawn By: Paul Mialhe	



Board Stack Report