

RaspberryPi Frigorus Sheild

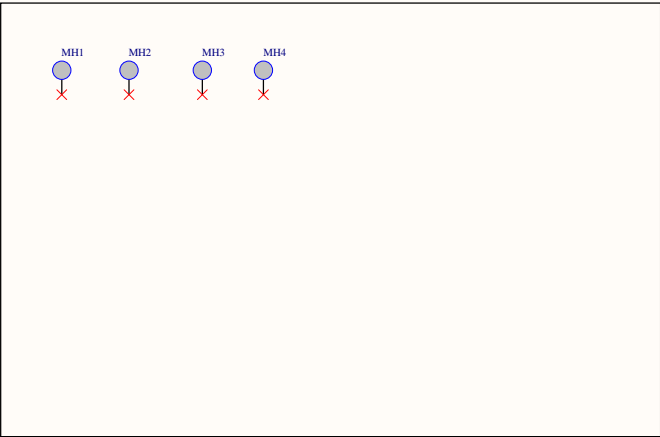
Frigorus System

Frigorus

Revision 1.0

Date: 2023-02-10

Élément mécaniques

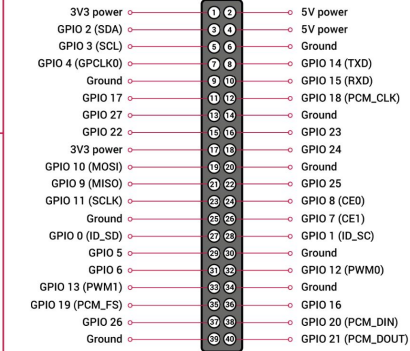
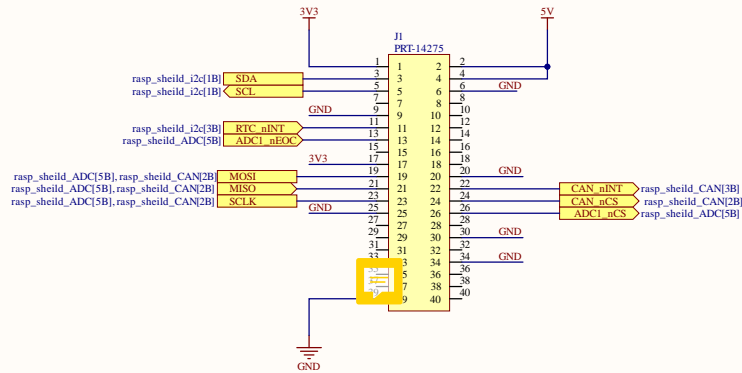


Revision history	

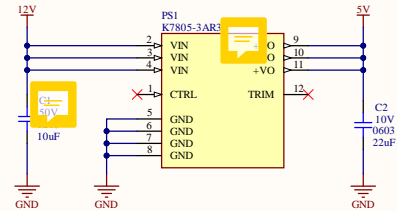
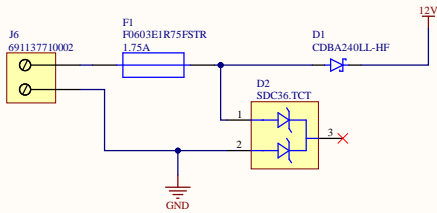
Package size conversion	
<i>Metric</i>	<i>Imperial</i>
1005	0402
1608	0603
2012	0805
3216	1206
3225	1210
6432	2512

Project Title				
RaspberryPi Frigorus Sheild				
Global Project				
Frigorus System				
Size	Group			Revision
11x17	Frigorus			1.0
Date	2023-02-10		Sheet	1 of 5
Filename			Designers	
rasp_sheild_title.SchDoc			Julien Roy-Sabourin	

Connecteur RaspberryPi

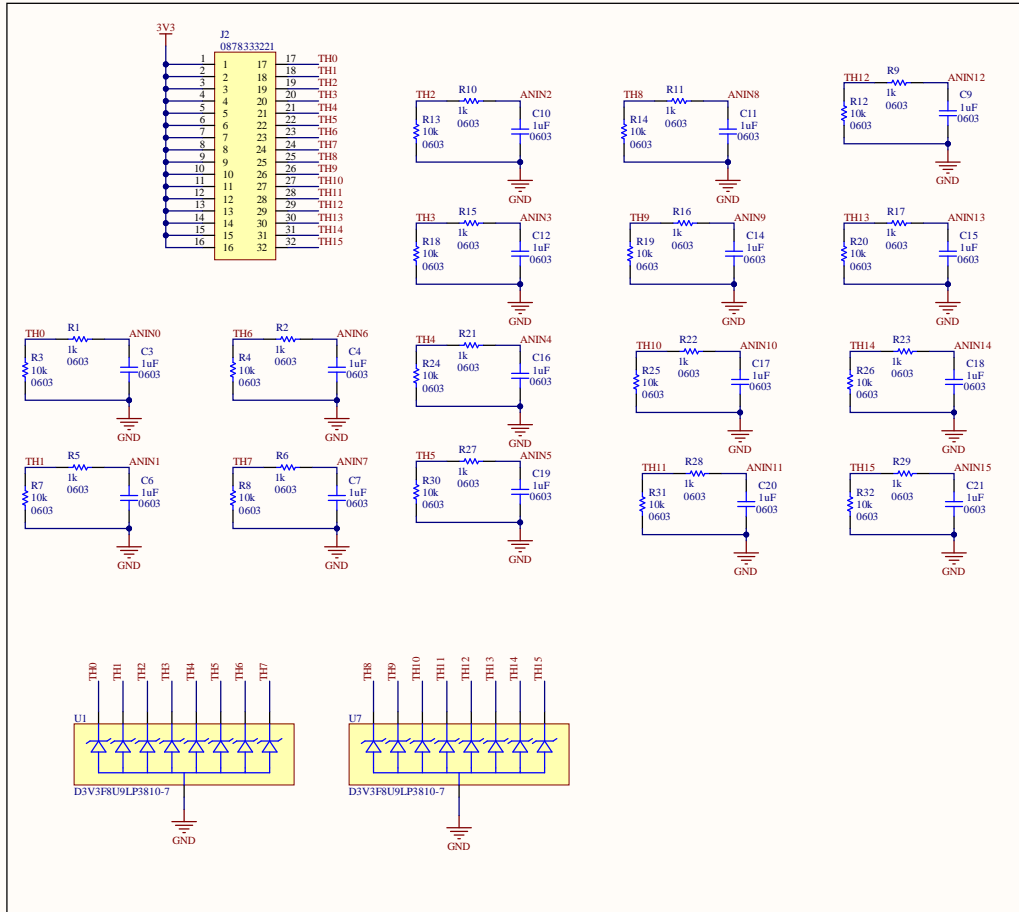


DCDC - 12 - 5V

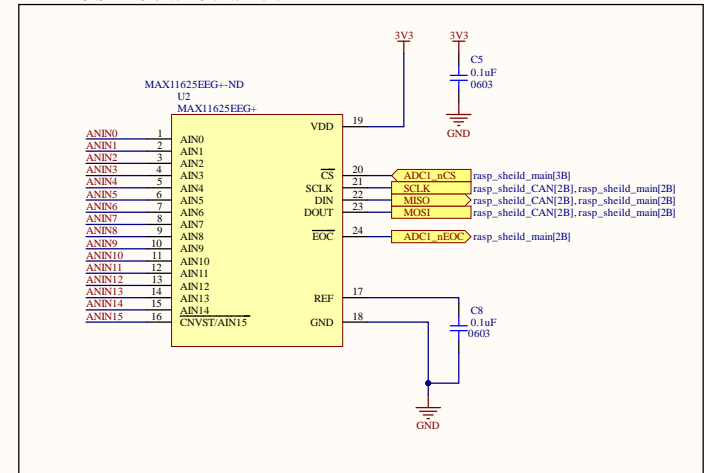


Sheet Name			
RaspberryPi Frigorus Shield			
Project Title			
RaspberryPi Frigorus Shield			
Global Project			
Frigorus System			
Size	11x17	Group	Frigorus
Date	2023-02-10	Revision	1.0
File name	rasp_sheild_main.SchDoc	Sheet	2 of 5
		Designers	Julien Roy-Sabourin

Interface thermistances



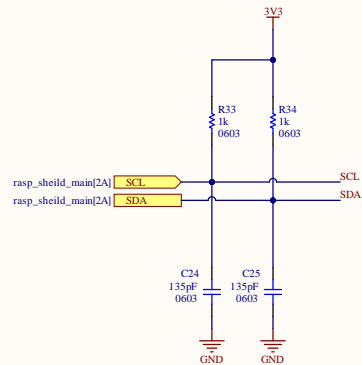
ADC SPI 10 bits 16 channels



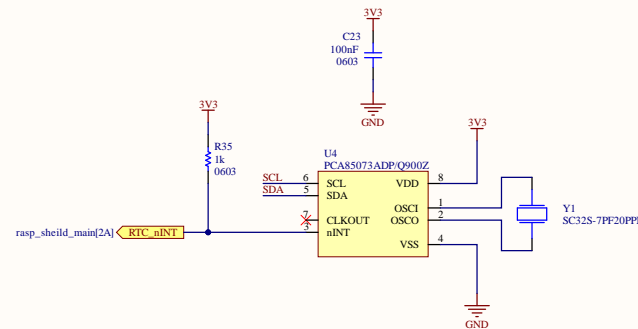
Total Power
50mA @ 3V3

Sheet Name		
Lecture analogue thermistances		
Project Title		
RaspberryPi Frigorus Shield		
Global Project		
Frigorus System		
Size	Group	Revision
11x17	Frigorus	1.0
Date	2023-02-10	Sheet 3 of 5
Filename		Designers
rasp_shield_ADC.SchDoc		Julien Roy-Sabourin

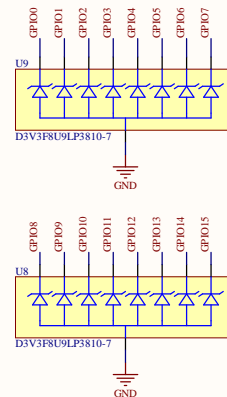
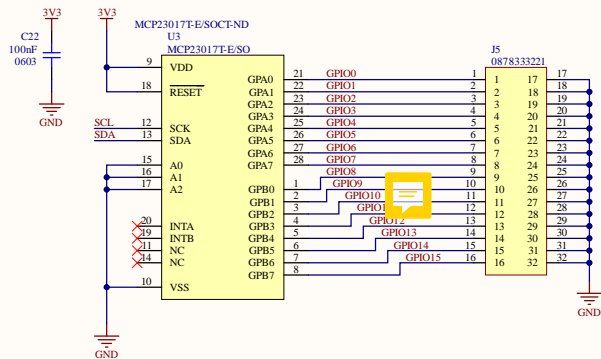
Bus SPI



Real Time Clock



I/O Expander



Total Power
50mA @ 3V3

Sheet Name		Périphériques i2c	
Project Title		RaspberryPi Frigorus Sheild	
Global Project		Frigorus System	
Size	Group	Revision	
11x17	Frigorus	1.0	
Date	2023-02-10	Sheet	4 of 5
Filename		Designers	
rasp_shield_i2c.SchDoc		Julien Roy-Sabourin	

