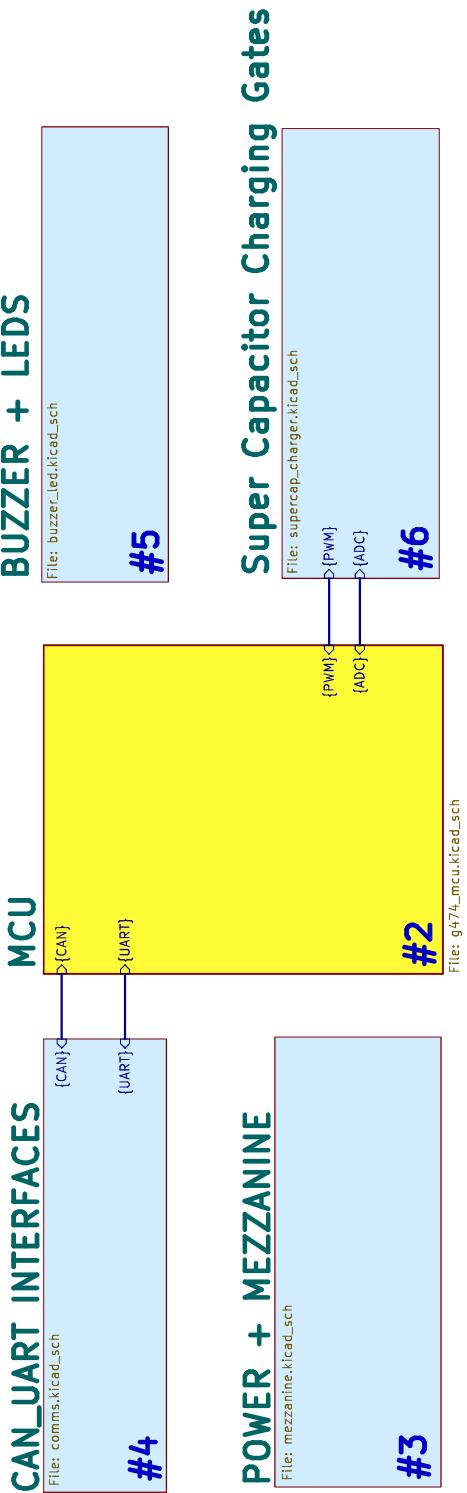
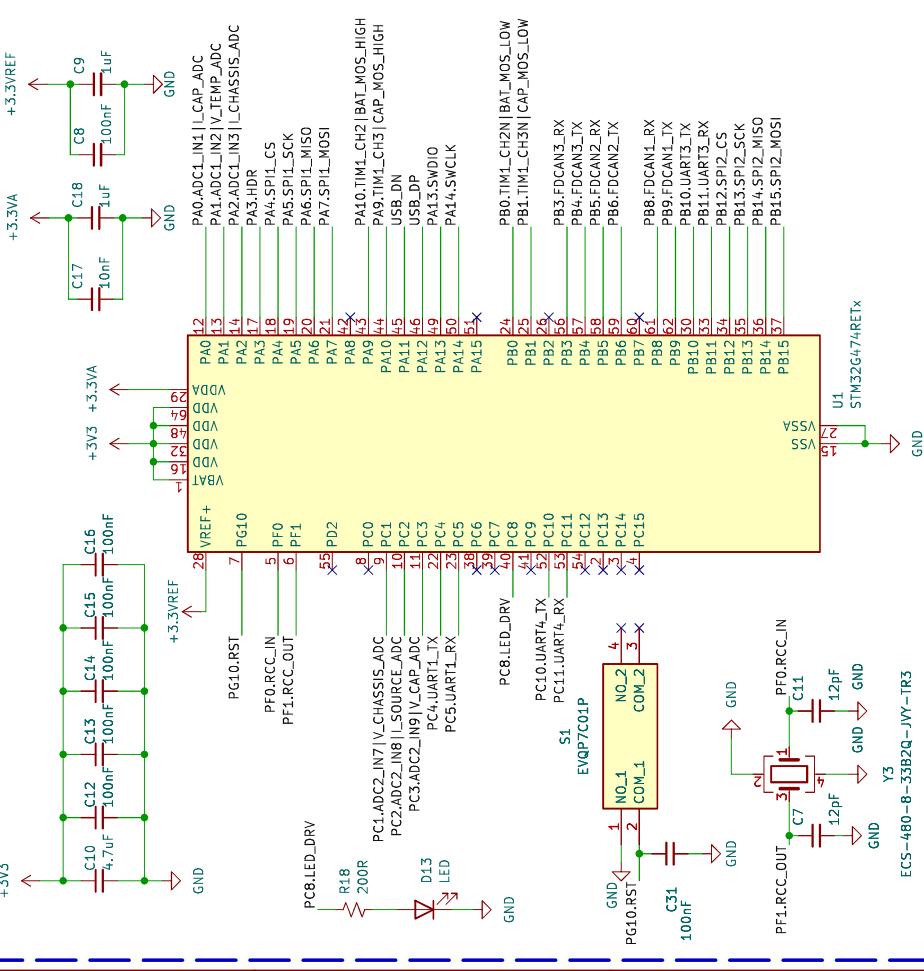


SUPER CAPACITOR MODULE OVERVIEW

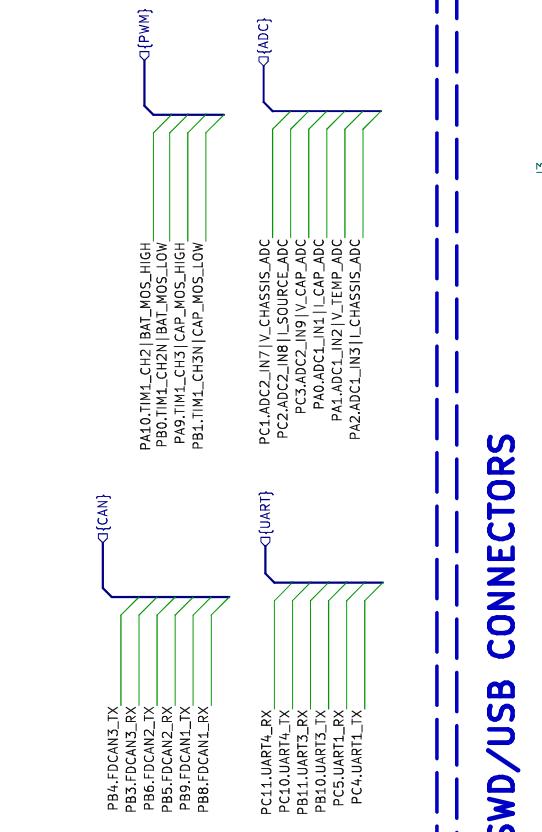


	CALIBUR	
Authors : Wx, Yassine Bakkali	NUS Calibur Robotics	
Sheet: /	File: ctrl_board.kicad_sch	
Title: Super Capacitor Module (SCM)	Date: 2024-06-22	Rev: v1.0
Size: A4	Kicad E.D.A. 8.0.2	Id: 1/6
1	2	3
4	5	6

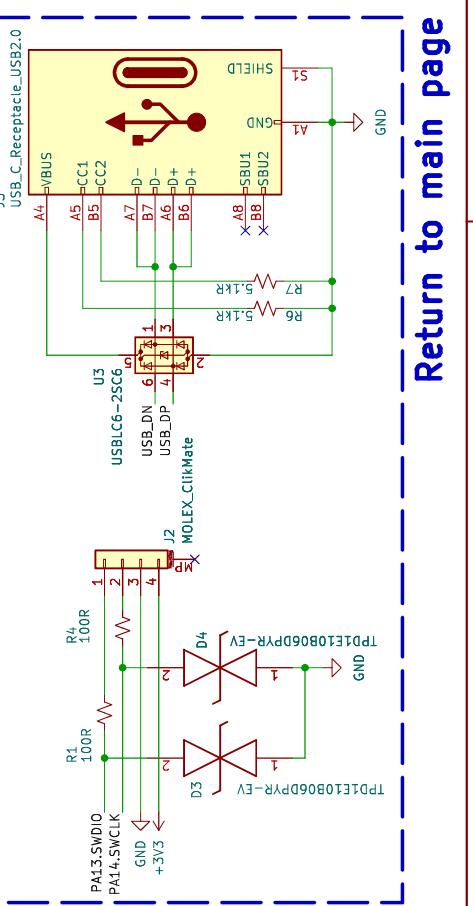
MCU (STM32G474RETx)



BUS CONNECTIONS



SWD/USB CONNECTORS



FLASH MEMORY



CALIBUR

Autumn • Volume 20 • Number 3 • December

AUTHORS : Wx, Passhe

NUS Calibrur Robotics

Title: Siadar Capacitor Module (SCM)
Sheet: /MCU/
File: g474_mcu.kicad_sch

Title: Super Captain
Size: A4 **Date:** 2024-06-22

SIZC. 57
Duct. 2227. 88
KiCad E.D.A. 8.0.2

[Return to main page](#)



CALIBUR

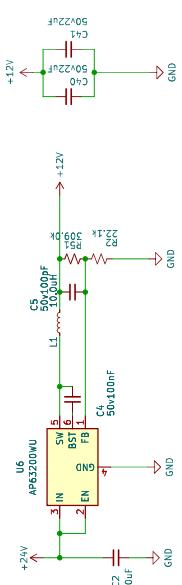
[Return to main page](#)

Authors : Ws. Yassine Bakkal
 NUS Calibur Robotics
 Sheet : /POWER + MEZZANINE/
 File: mezzanine_kited.sch

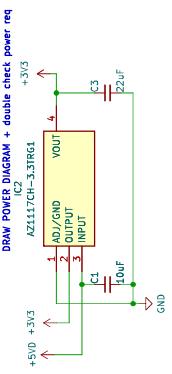
Title: Super Capacitor Module (SCM)

Size: A3
 Kicad v5.0.2
 Date: 2023-06-22
 Rev: v1.0
 Id: 5/6

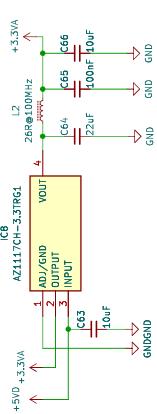
24V → 12V,5A Buck converter



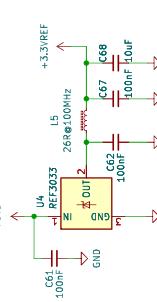
5.0V → 3.3V Buck converter



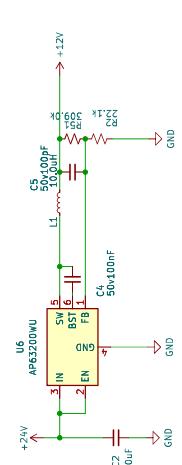
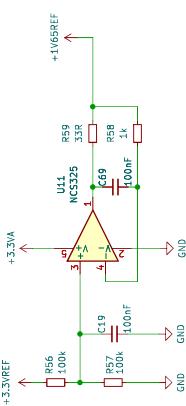
5.0V → 3.3VA Buck converter



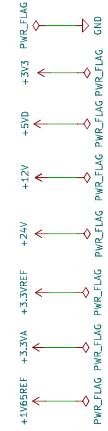
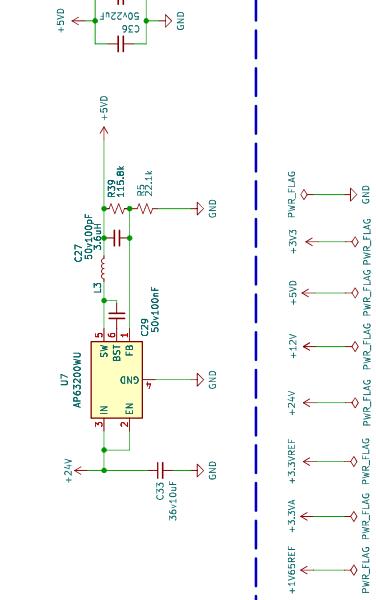
5.0V → 3.3V Reference voltage



3.3V → 1.65V Reference voltage

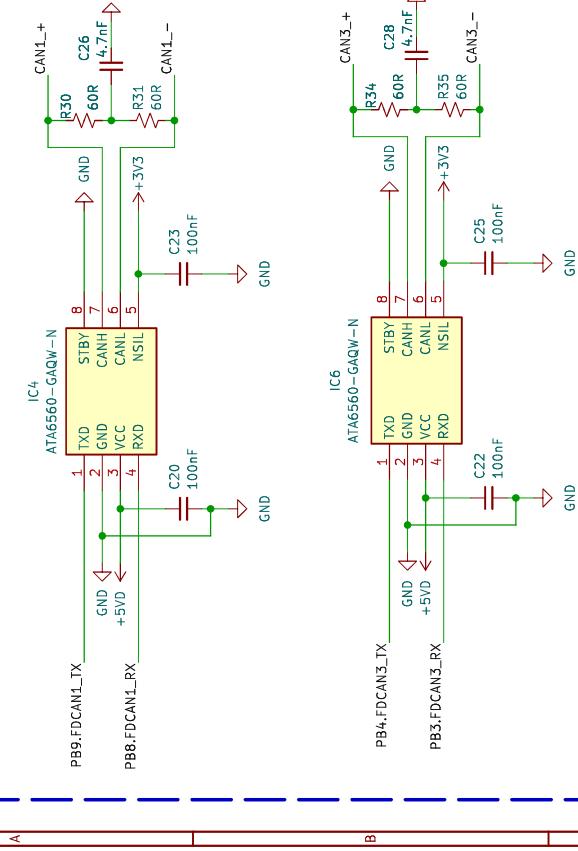


24V → 5V,5A Buck converter

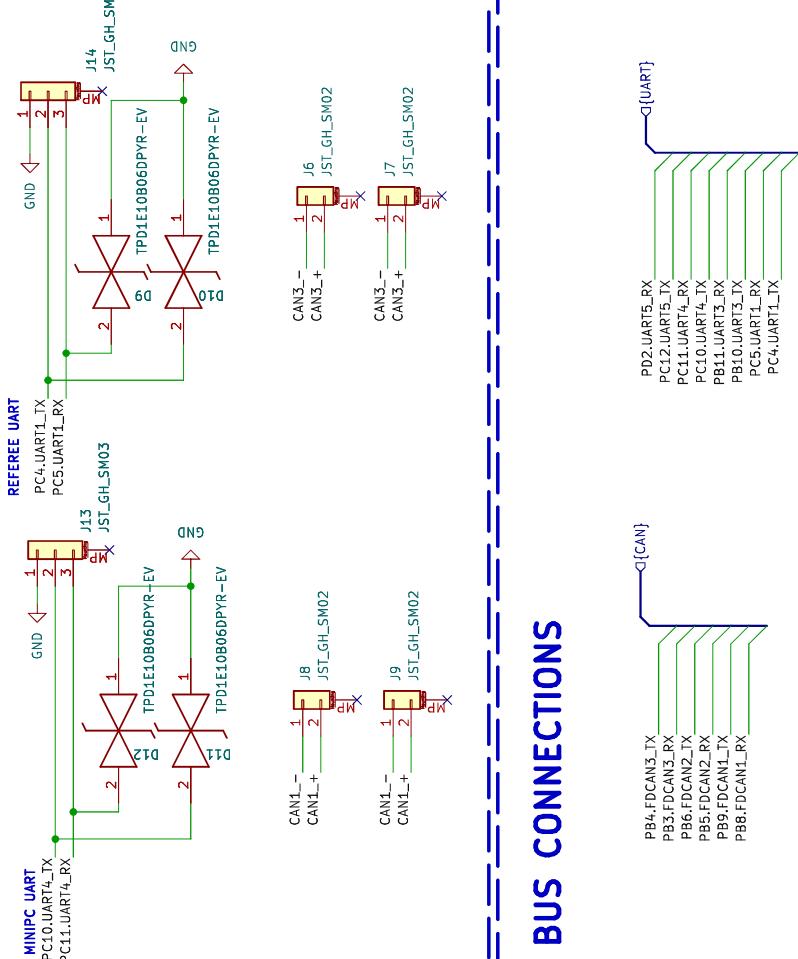


FDCAN TRANSCEIVERS

UART/CAN CONNECTORS



BUS CONNECTIONS



[Return to main page](#)

 NUS Calibur Robotics Sheet: /CAN_UART/INTERFACES/ File: comms.kicad_sch		 CALIBUR	
Size: A4	Date: 2024-06-22	Rev: v1.0	Id: 4/6

