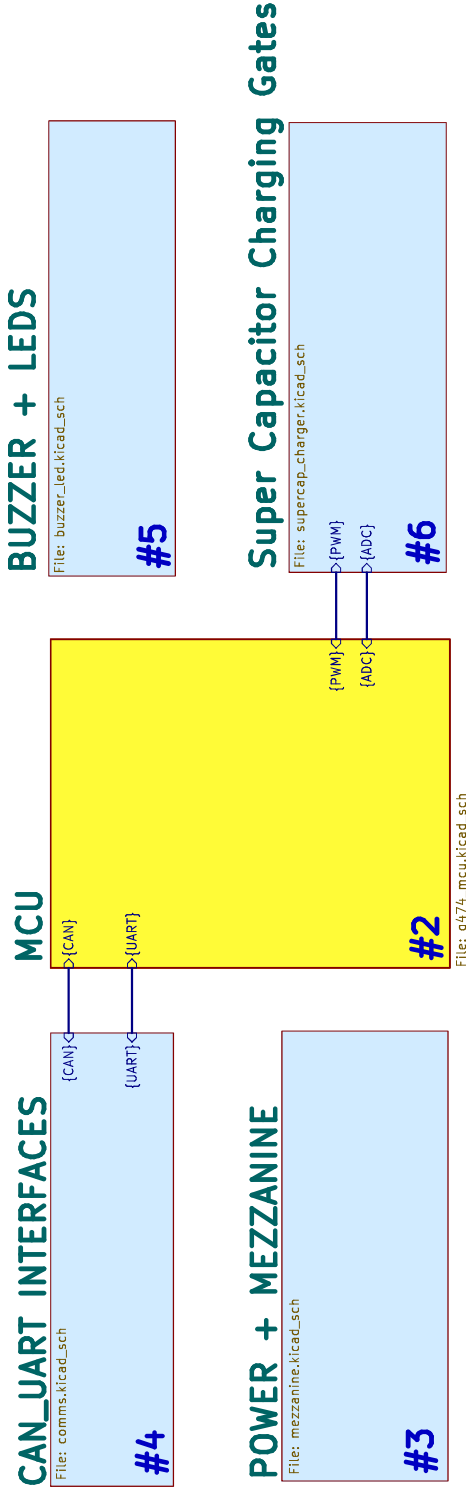


SUPER CAPACITOR MODULE OVERVIEW



Authors : Wx, Yassine Bakkali


NUS Calibur Robotics

Sheet: /

File: ctL_board.kicad_sch

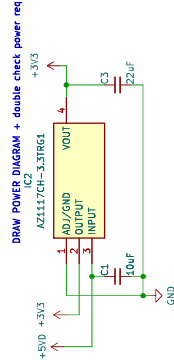
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Size: A4	Date: 2024-06-22	Rev: v1.0
KiCad E.D.A. 8.0.2		Id: 1/6

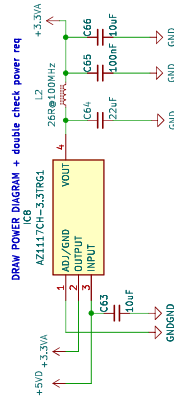


CALIBUR

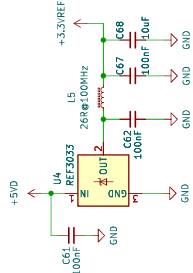
5.0V → 3.3V Buck converter



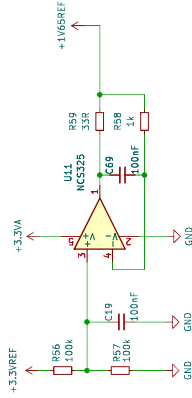
5.0V → 3.3VA Buck converter



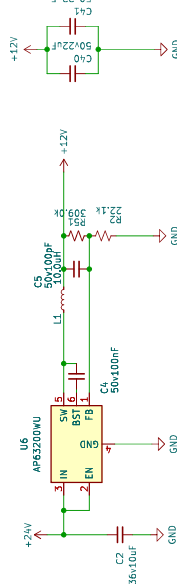
5.0V → 3.3V Reference voltage



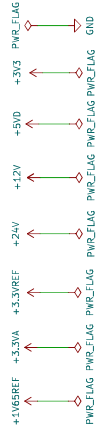
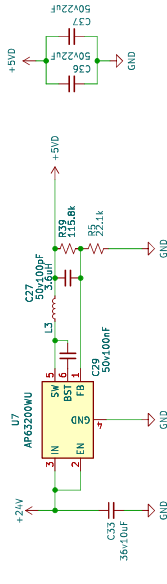
3.3V → 1.65V Reference voltage



24V → 12V,5A Buck converter



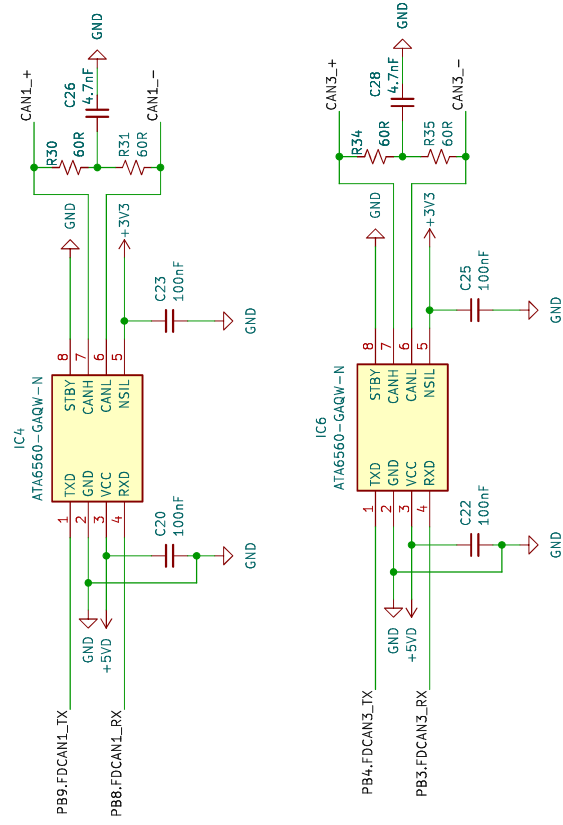
24V → 5V,5A Buck converter



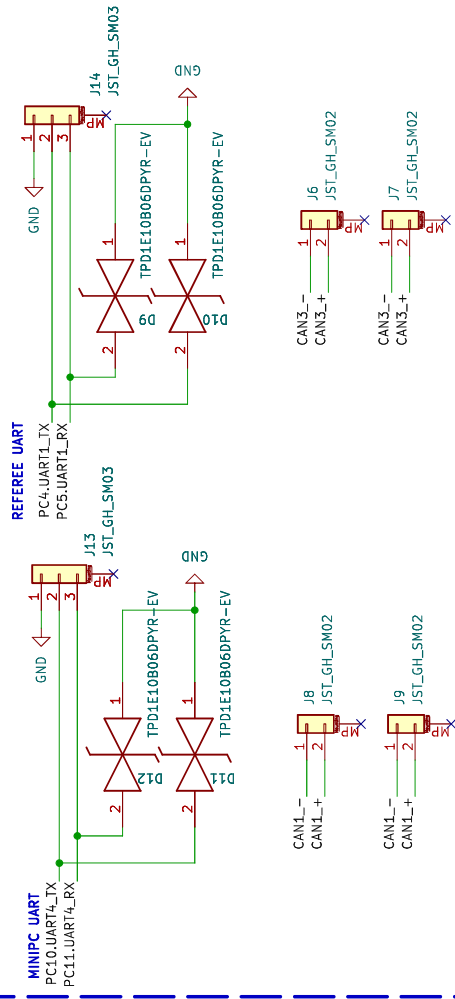
[Return to main page](#)



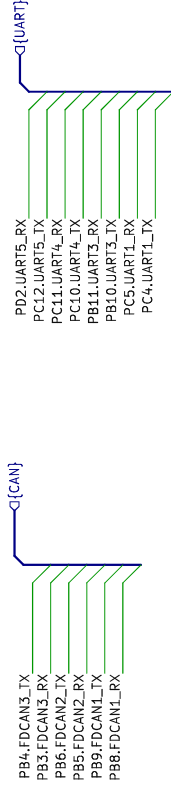
FDCAN TRANSCEIVERS



UART/CAN CONNECTORS



BUS CONNECTIONS



[Return to main page](#)



Authors : Wx, Yassine Bakkali

NUS Calibur Robotics

Sheet: /CAN_UART INTERFACES/

File: comms.kicad_sch

Title: Super Capacitor Module (SCM)

Size: A4

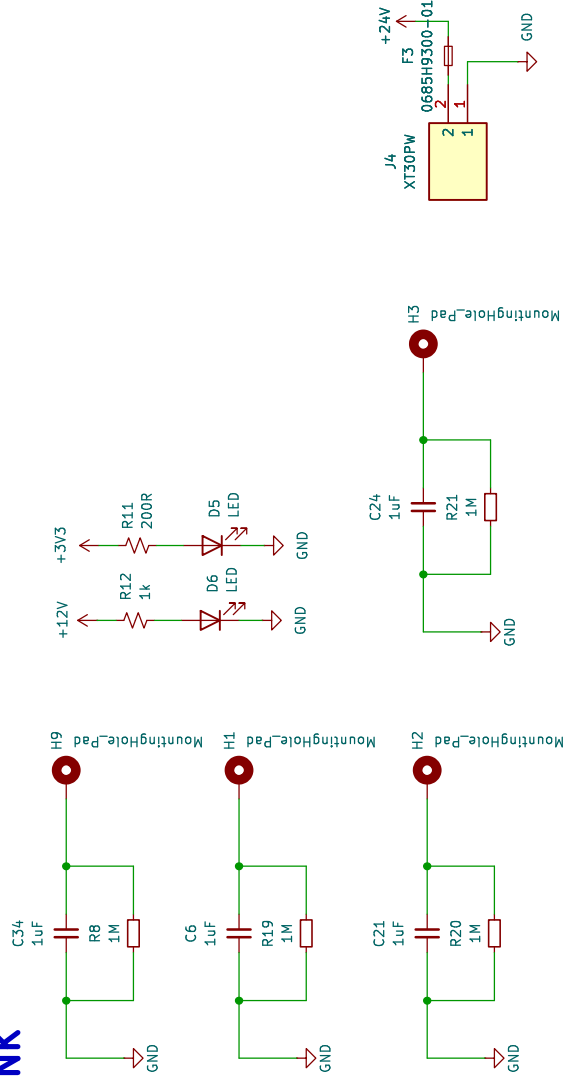
Date: 2024-06-22

KiCad E.D.A. 8.0.2

Rev: v1.0

Id: 4/6

JUNK



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Authors : Wx, Yassine Bakkali

NUS Calibur Robotics

Sheet: /BUZZER + LEDs/
File: buzzer_led.kicad_sch

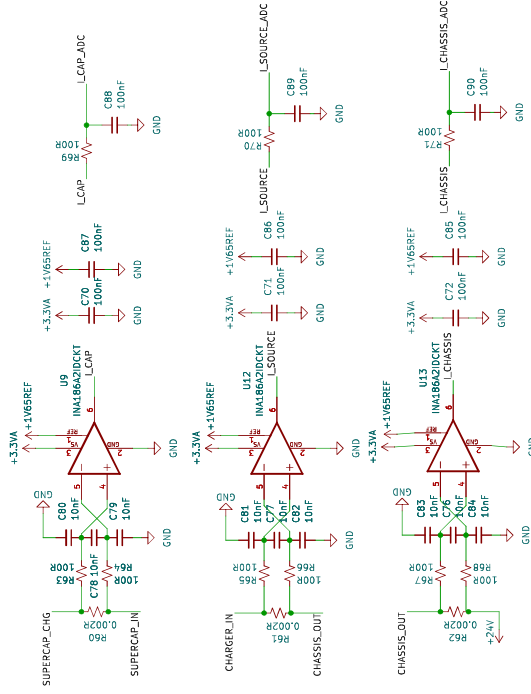
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Size: A5 | Date: 2024-06-22
KiCad E.D.A. 8.0.2

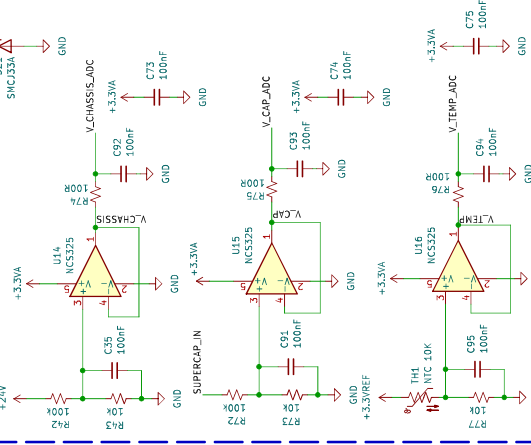
Rev: v1.0
Id: 6/6



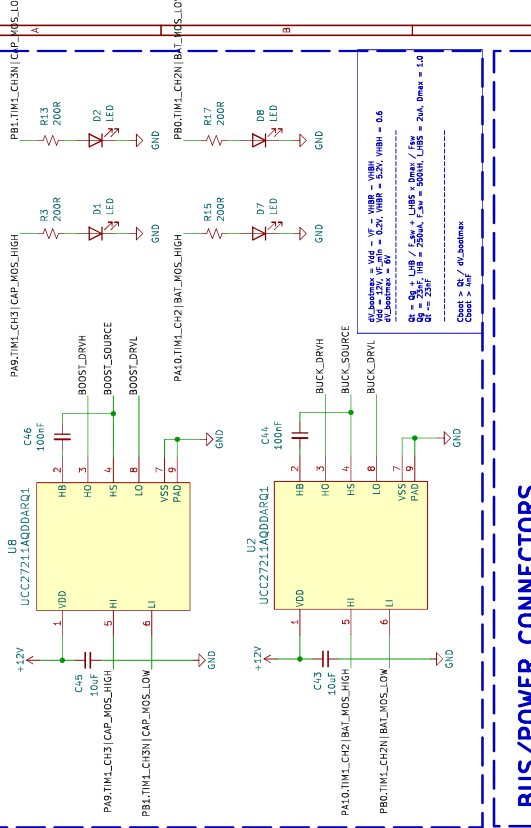
CURRENT SENSING CIRCUITS



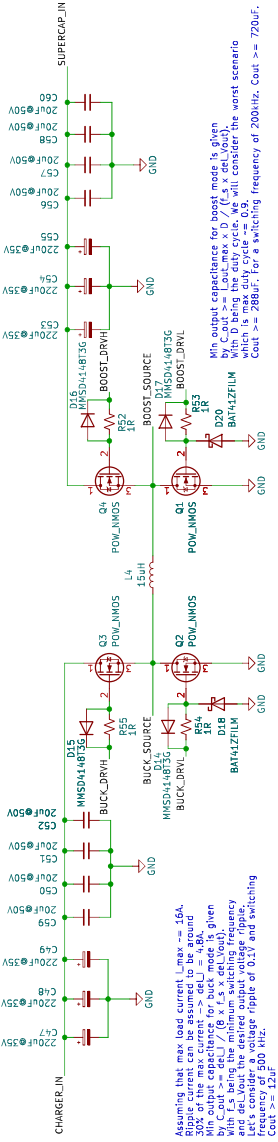
VOLTAGE FOLLOWERS



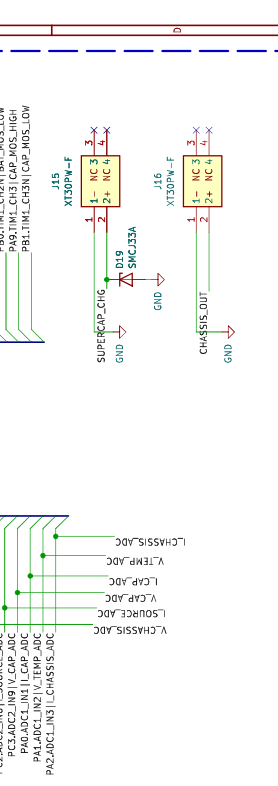
MOSFET GATE DRIVERS



BUCK BOOST CHARGING CIRCUIT



BUS/POWER CONNECTORS



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