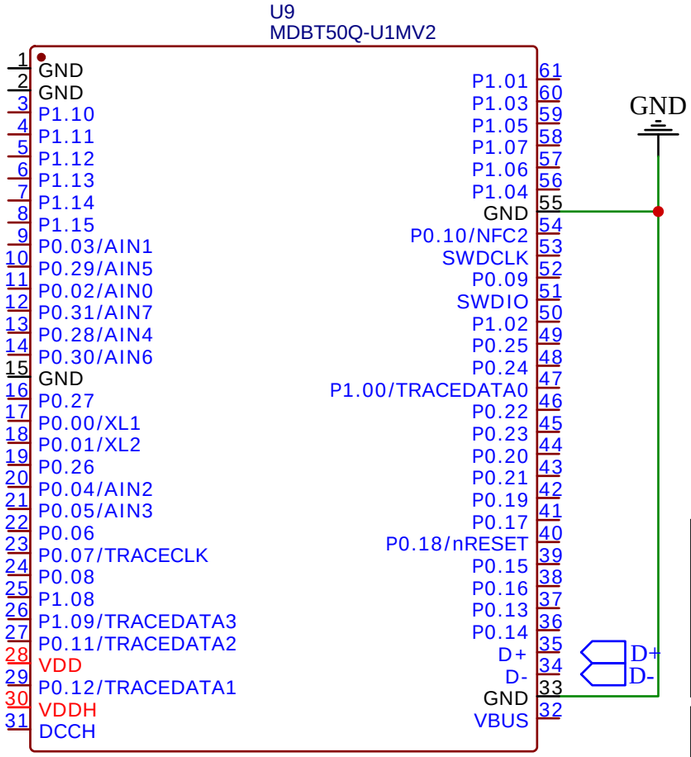

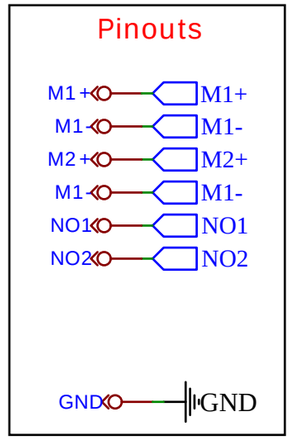

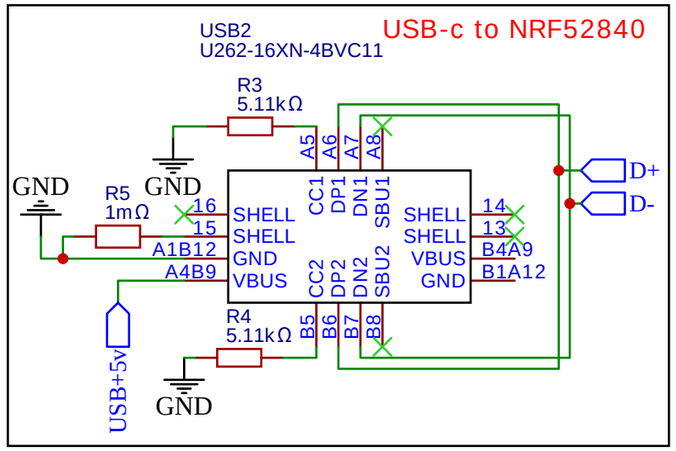

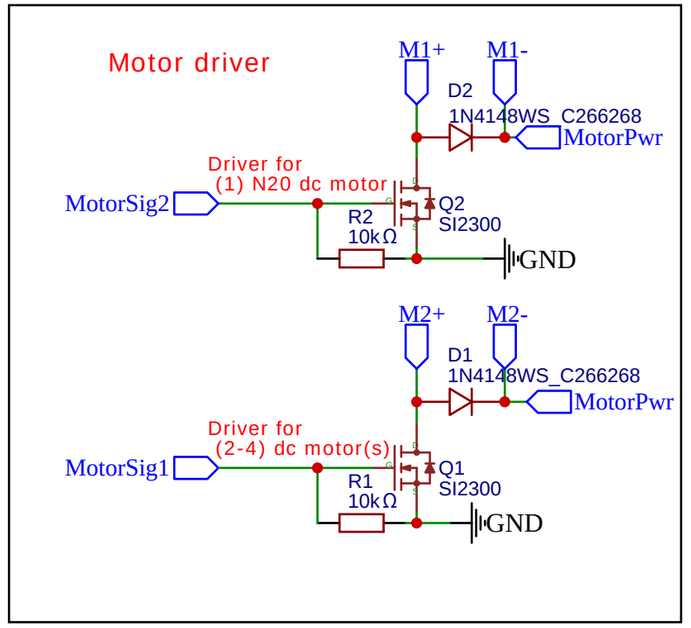

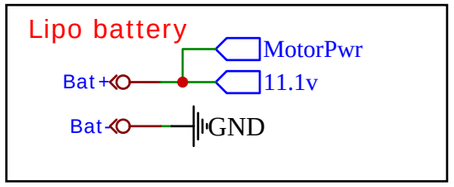

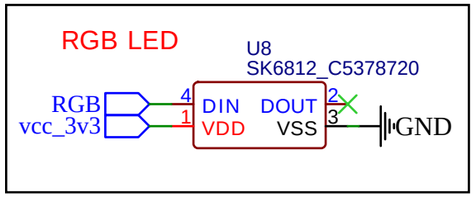

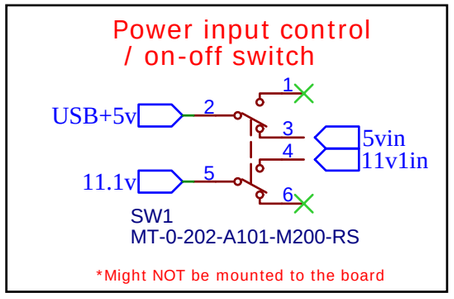

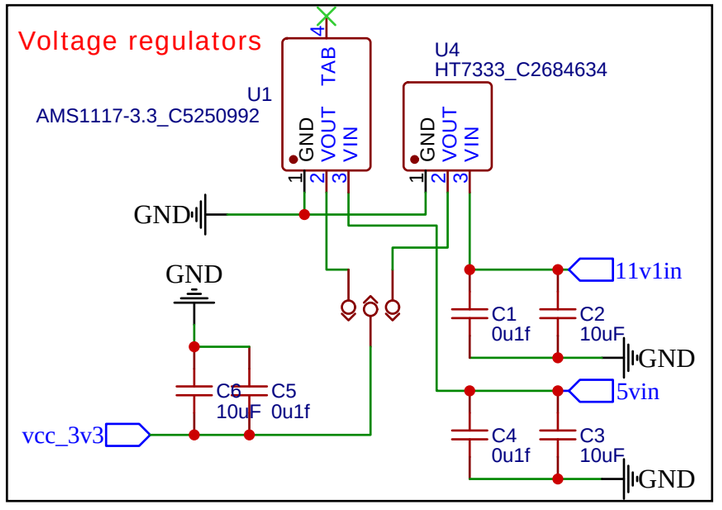

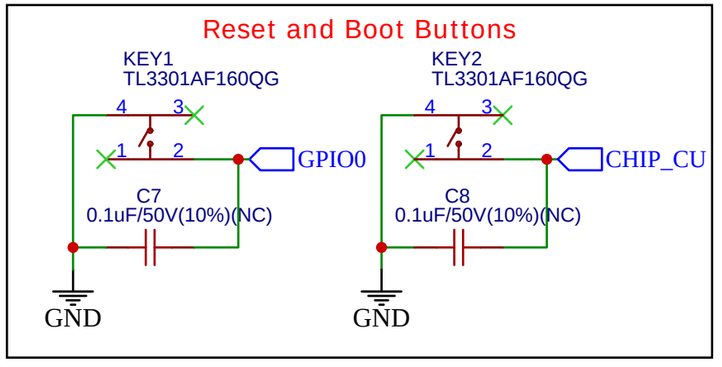

Motor options:

https://outofdarts.com/products/valkyrie-130-motor?_pos=1&_sid=6f64aaaa5&_ss=r

https://outofdarts.com/products/valkyrie-130-motor?_pos=1&_sid=6f64aaaa5&_ss=r

Unidirectional 1-CH 3a brushed motor driver reference schematic:
https://drive.google.com/file/d/17xUgXEl22WaURxTpSgtpU4E6HHX6Qwev/view?usp=sharing

ESP32-S3-Wroom-1(r16n8) module reference schematic:
https://dl.espressif.com/dl/SCH_ESP32-S3-DEVKITC-1_V1_20210312C.pdf

ESP32-S3-Wroom-1(r16n8) datasheet:
https://www.espressif.com/sites/default/files/documentation/esp32-s3-wroom-1_wroom-1u_datasheet_en.pdf

TITLE: Blaster Board		REV: 1.0
EasyEDA	Company: Your Company	Sheet: 1/1
	Date: 2020-08-12 Drawn By: SomebodiesDad	

Materials

Motor options:

https://outofdarts.com/products/valkyrie-130-motor?_pos=1&_sid=6f64aaaa5&_ss=r
https://outofdarts.com/products/valkyrie-130-motor?_pos=1&_sid=6f64aaaa5&_ss=r

Cherry switches - https://outofdarts.com/products/10a-microswitch-cherry-db2?variant=40751159377962

N20 dc motor - https://outofdarts.com/products/n20-metal-gear-motor-micro-size-300-3000rmp-multiple-options

Lipo battery- https://a.co/d/4VnlRv2

Unidirectional 1-CH 3a brushed motor driver reference schematic:
https://drive.google.com/file/d/17xUgXEl22WaURxTpSgtpU4E6HHX6Qwev/view?usp=sharing

ESP32-S3-Wroom-1(r16n8) module reference schematic:
https://dl.espressif.com/dl/SCH_ESP32-S3-DEVKITC-1_V1_20210312C.pdf

ESP32-S3-Wroom-1(r16n8) datasheet:
https://www.espressif.com/sites/default/files/documentation/esp32-s3-wroom-1_wroom-1u_datasheet_en.pdf

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EasyEDA	Company: Your Company	Sheet: 1/1
	Date: 2025-06-04 Drawn By: donovan jackson	