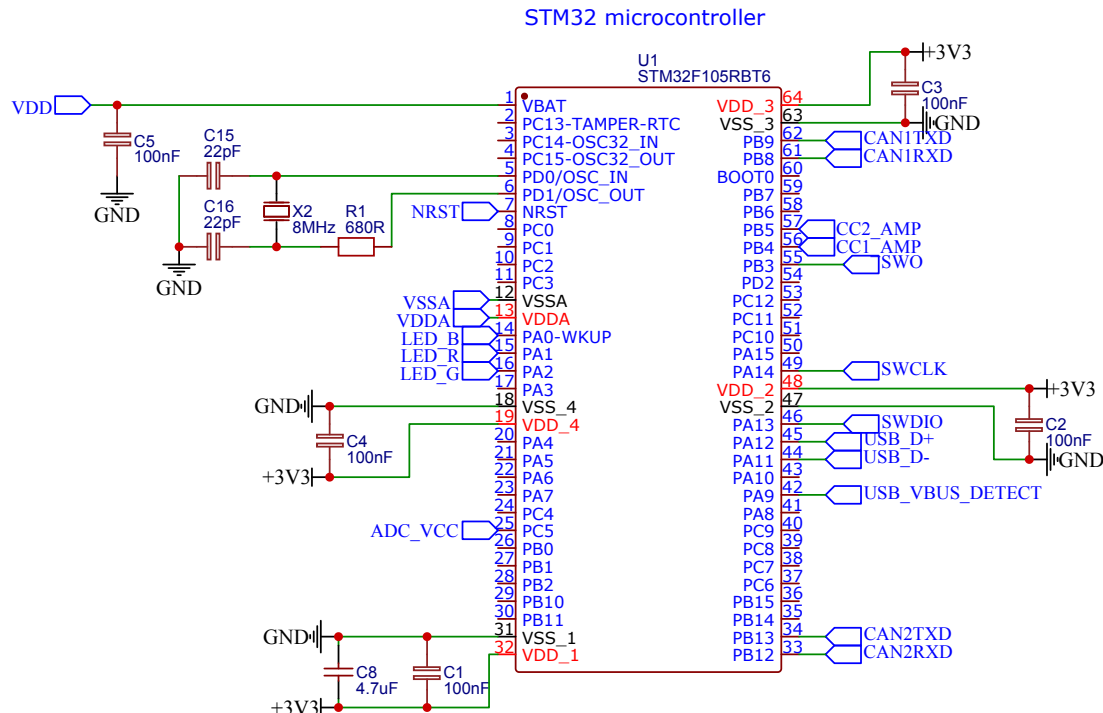
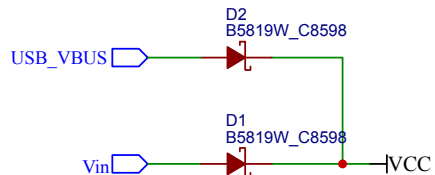
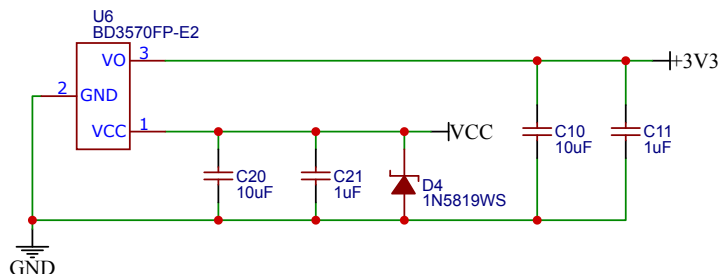


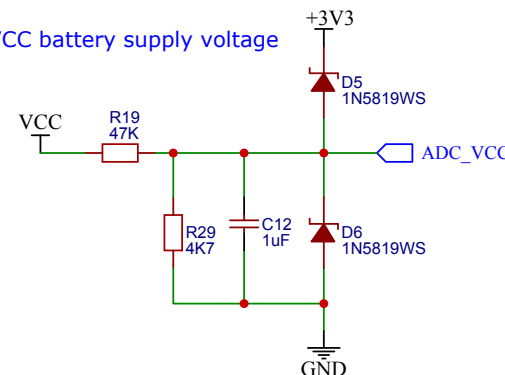
Dual supply with reverse polarity protection



500mA LDO regulator
input 4.6V~36V
output 3.3V

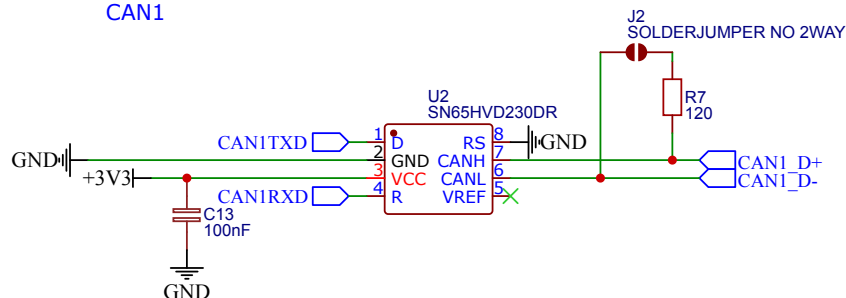


VCC battery supply voltage

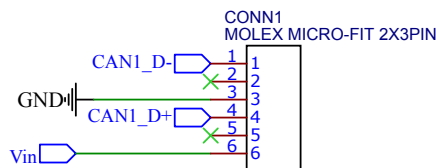


TITLE: CAN bus gateway		REV: 1.0
Company:		Sheet: 1/3
Date: 2022-05-12	Drawn By: Minos Eignheer	

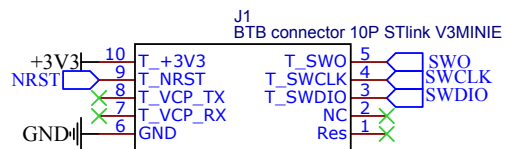
BMS CAN bus CAN1



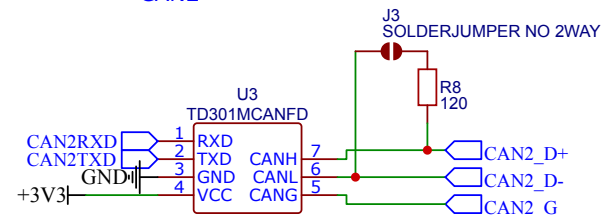
Molex micro-fit 6pin connector CAN 1



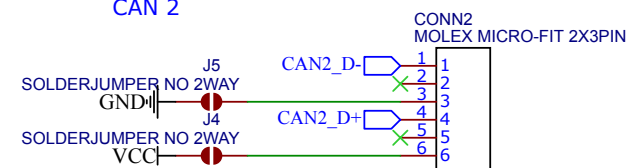
ST-link B2B connector (debugging)



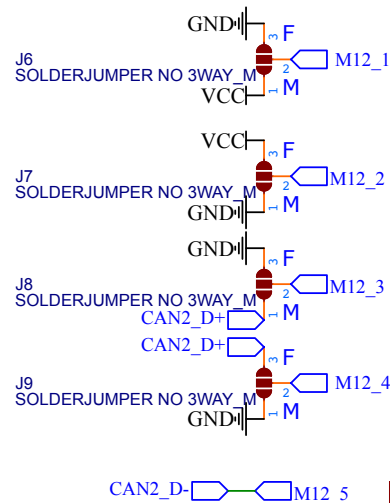
Isolated CAN bus module CAN2



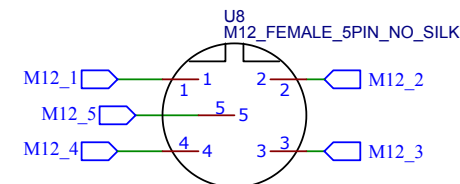
Molex micro-fit 6pin connector CAN 2



Male / Female connector select jumers

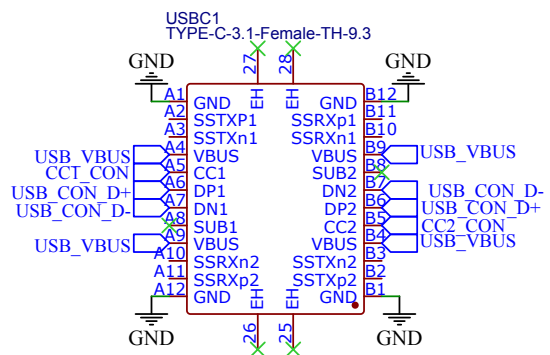


M12 5pin Male or Female connector (NMEA2000) CAN 2

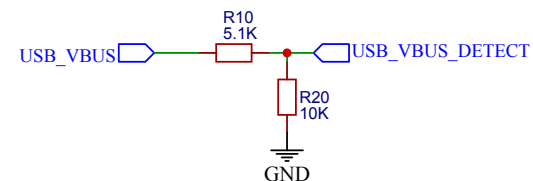
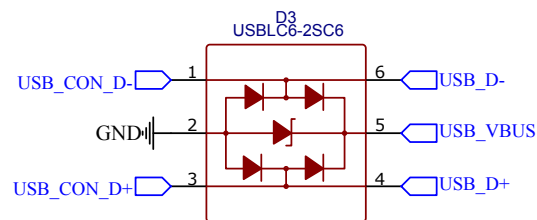


TITLE: CAN bus gateway		REV: 1.0
Company:		Sheet: 2/3
Date: 2022-05-12	Drawn By: Minos Eigenheer	

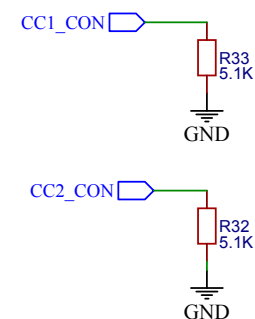
USB-C connector [USB 2.0 & SWD]



USB protection



CC circuits



TITLE: CAN bus gateway		REV: 1.0
Company:		Sheet: 3/3
Date: 2022-05-29	Drawn By: Minos Eigenheer	