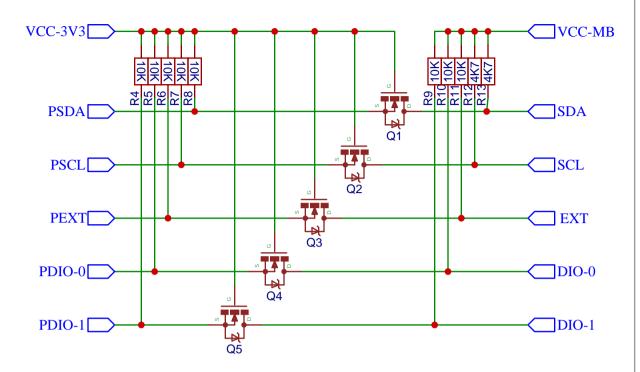


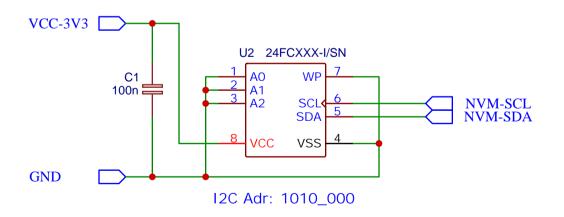
Main controller - RASPBERRY Pi Pico VCC-3V3 R2 R3 ¥0 CAN-RX CAN-TX V-USB VCC-MB U1 VBUS 39 VSYS GND NVM-SDA NVM-SCL 3V3_En 3V3_OUT VRef GP28 GND ENB-0 ENB-1 GP27 GP26 PDIO-0 RUN RC-1 GP22 GND LN-TX LN-RX PDIO-1 RC-0 IN-0-1 IN-0-2 GP21 GP20 IN-1-1 IN-1-2 GP18 GND 19 **PSCL** GP17 PFAIL **PSDA** GP16 LED1 0 R14 **GND** Active Reset **CAN Bus Line Driver** VCC-3V3 U3 MCP2562-H/P CAN-TX [STBY CANH CAN-H CAN-L VSS VCC-MB CAN-RX CANL VIO RXD C2 C3 R15 100n 100n

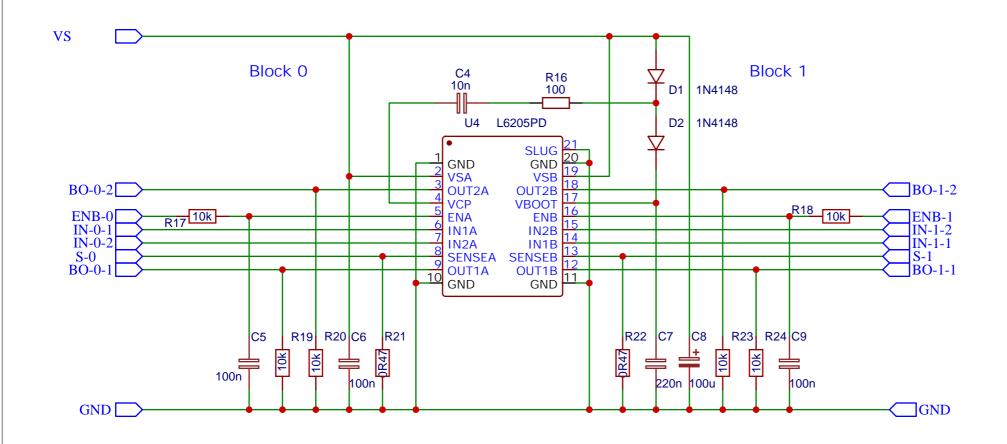
GND

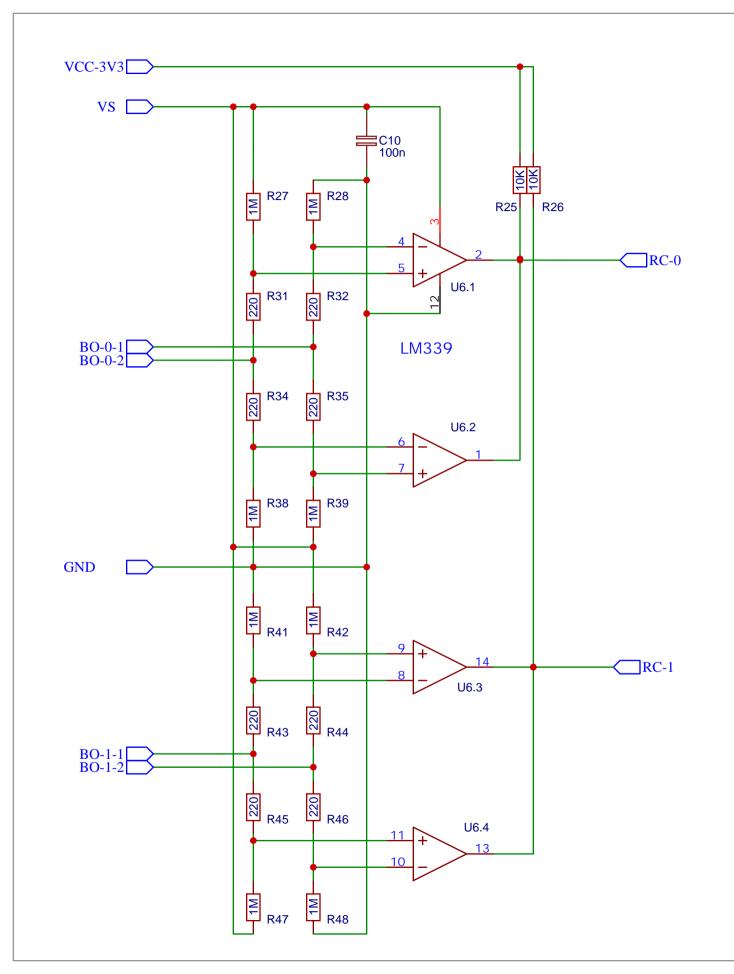
Level shifters

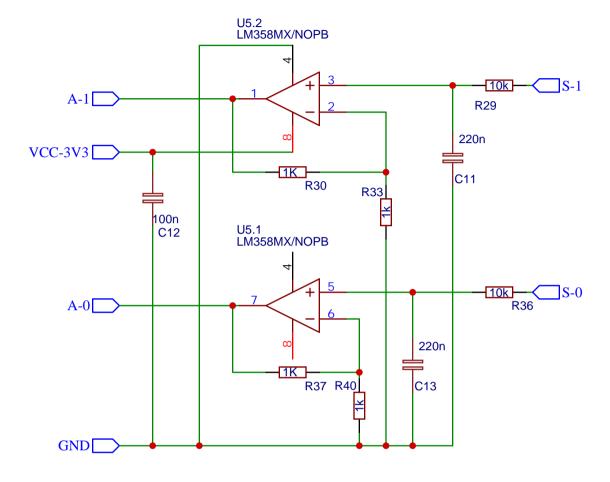


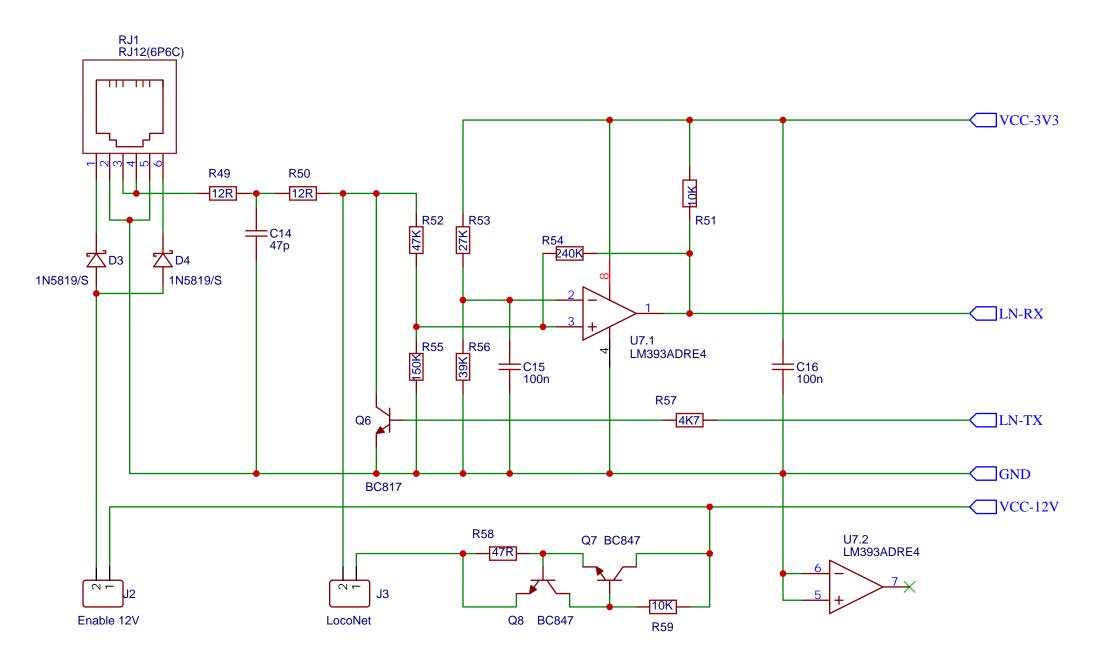
Non-Volatile Memory



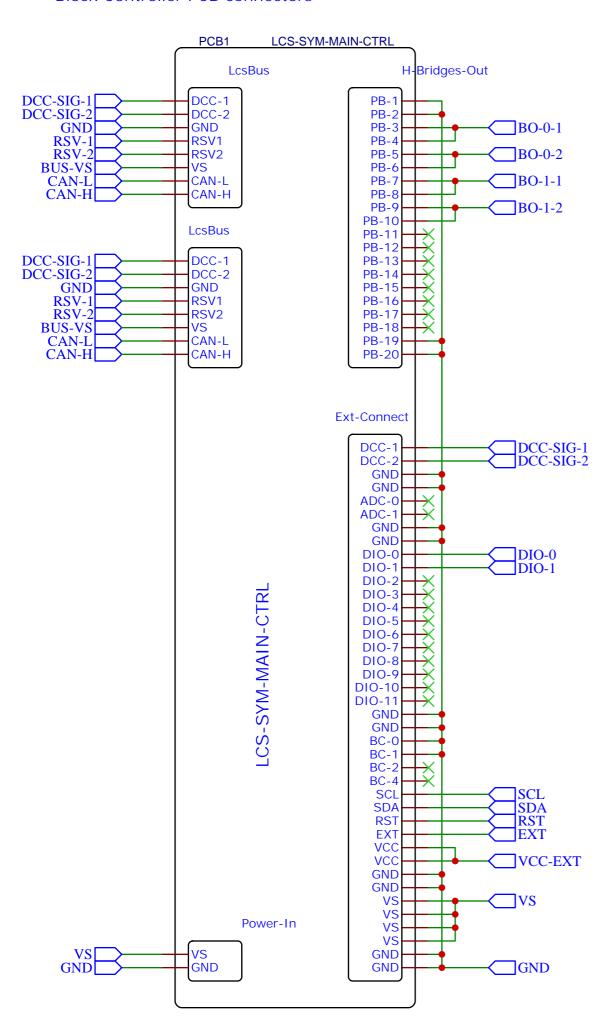


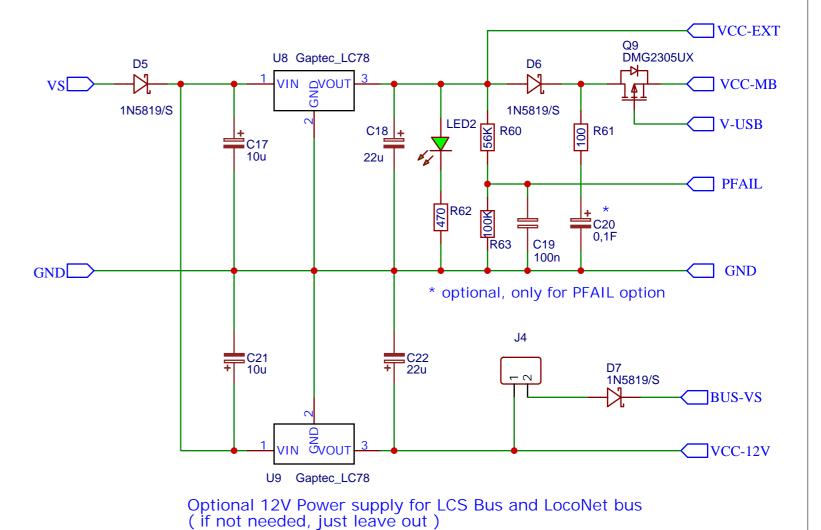






The LocNet interface is an optional component. If not used, just leave the PCB board empty for this function.





Jumper for DCC Signal enable on LCS Bus

