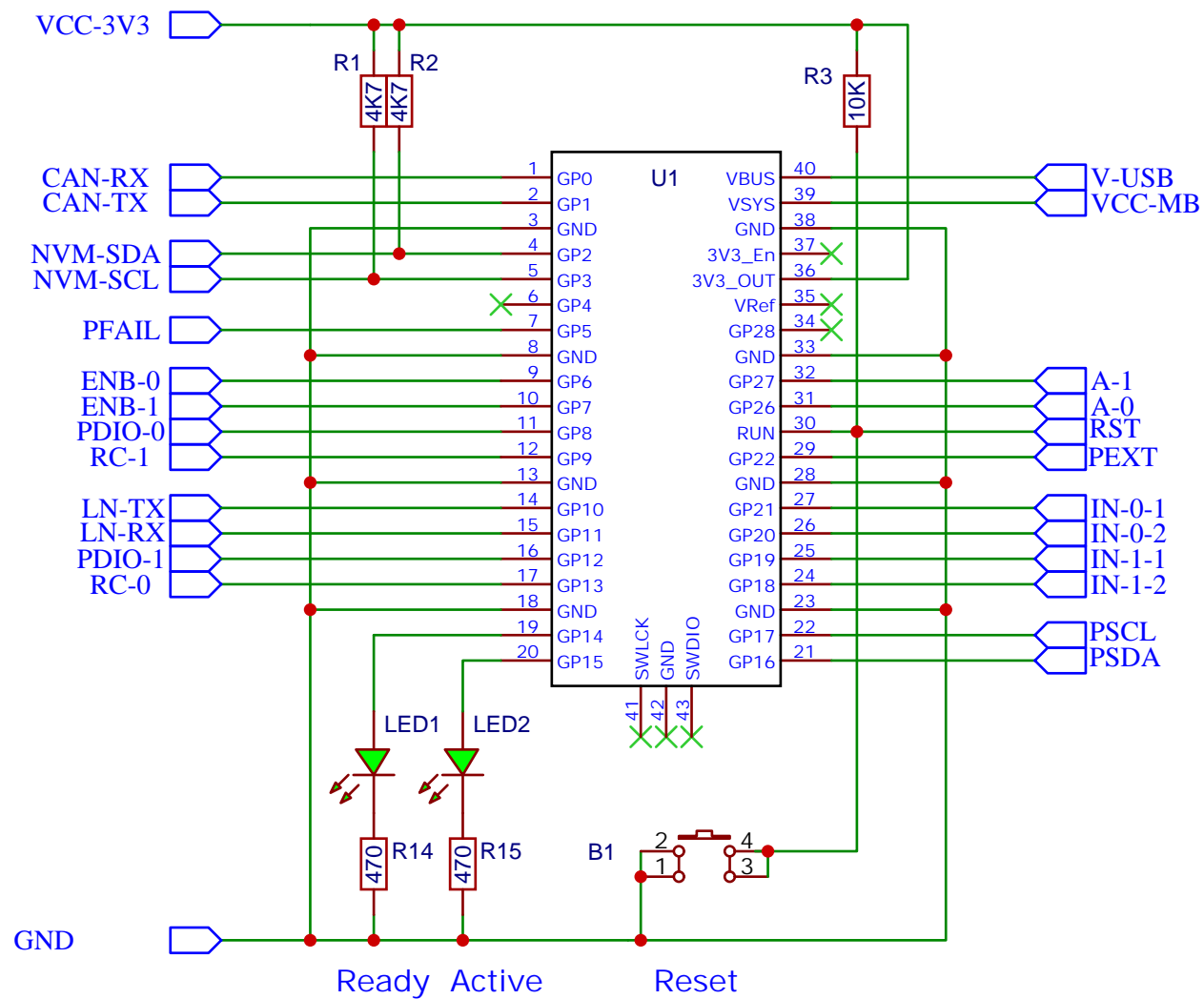
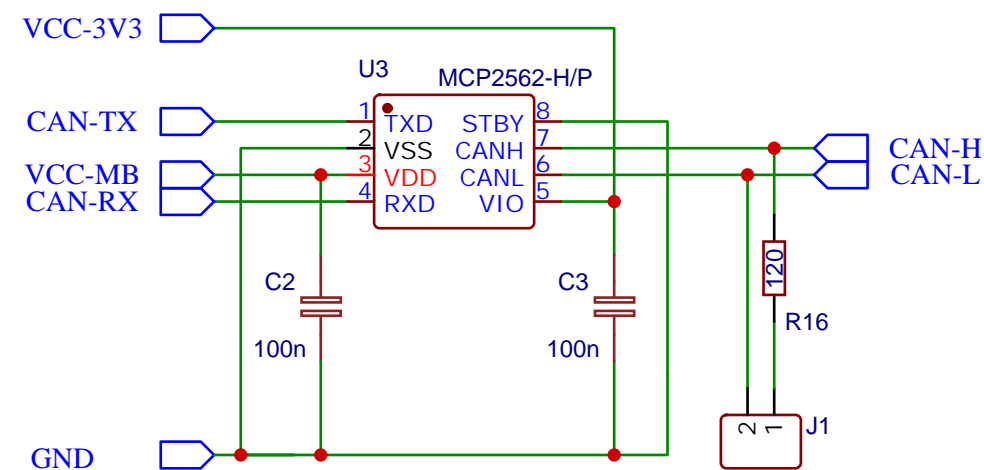


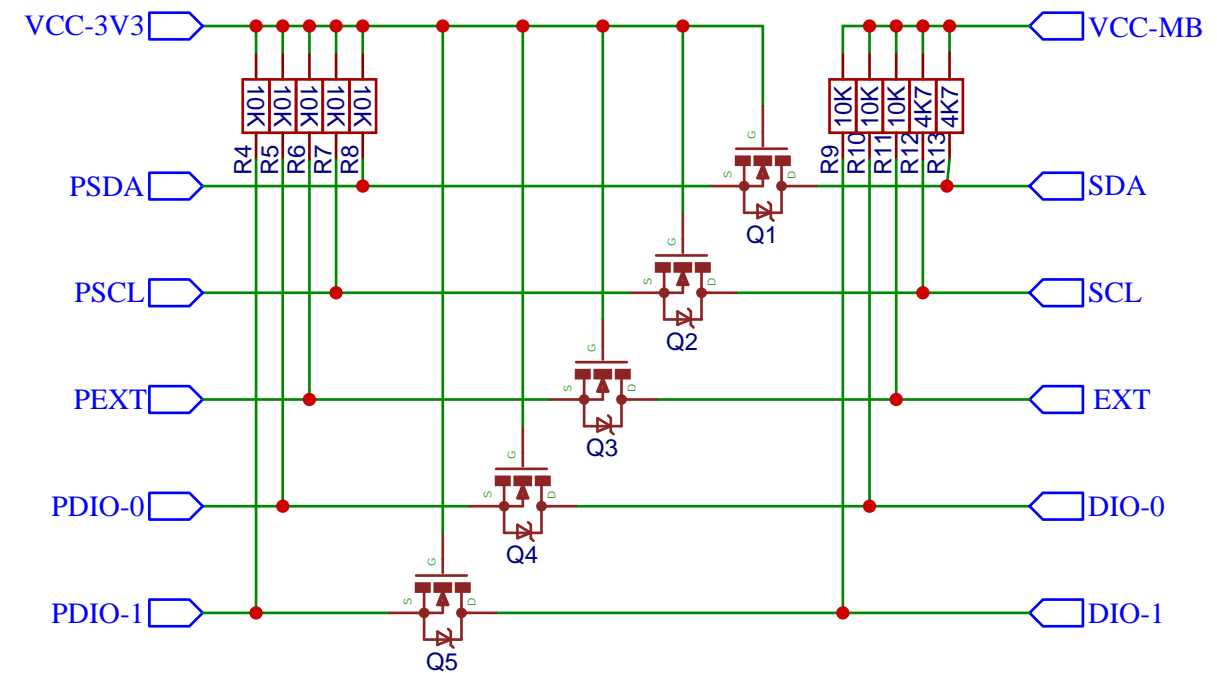
Main controller - RASPBERRY Pi Pico



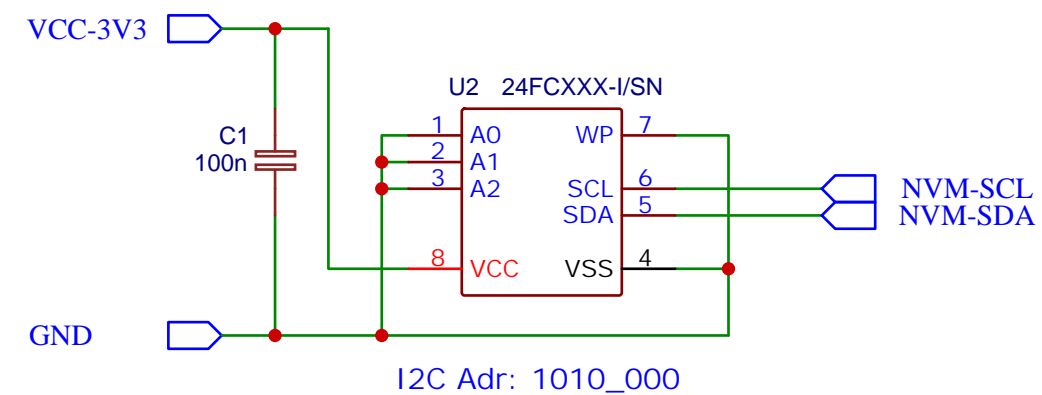
CAN Bus Line Driver



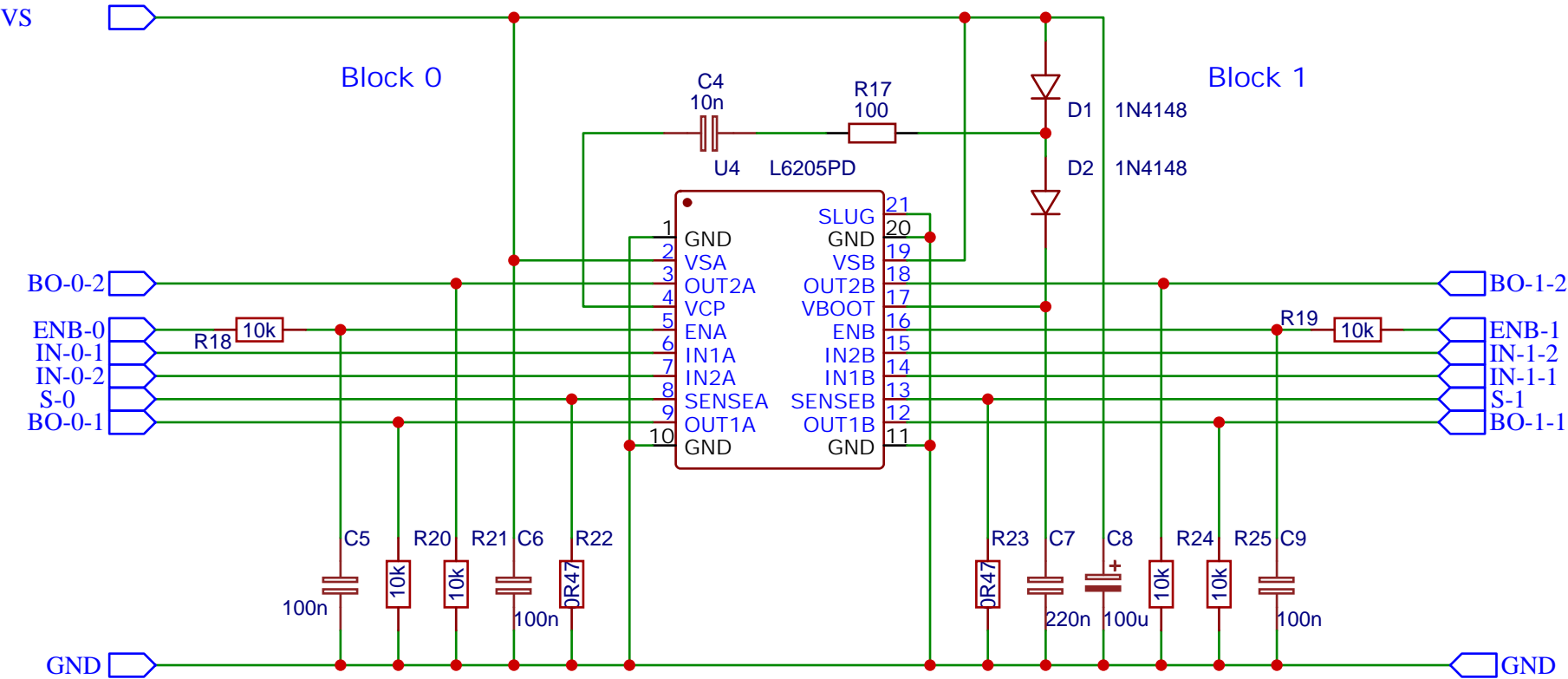
Level shifters

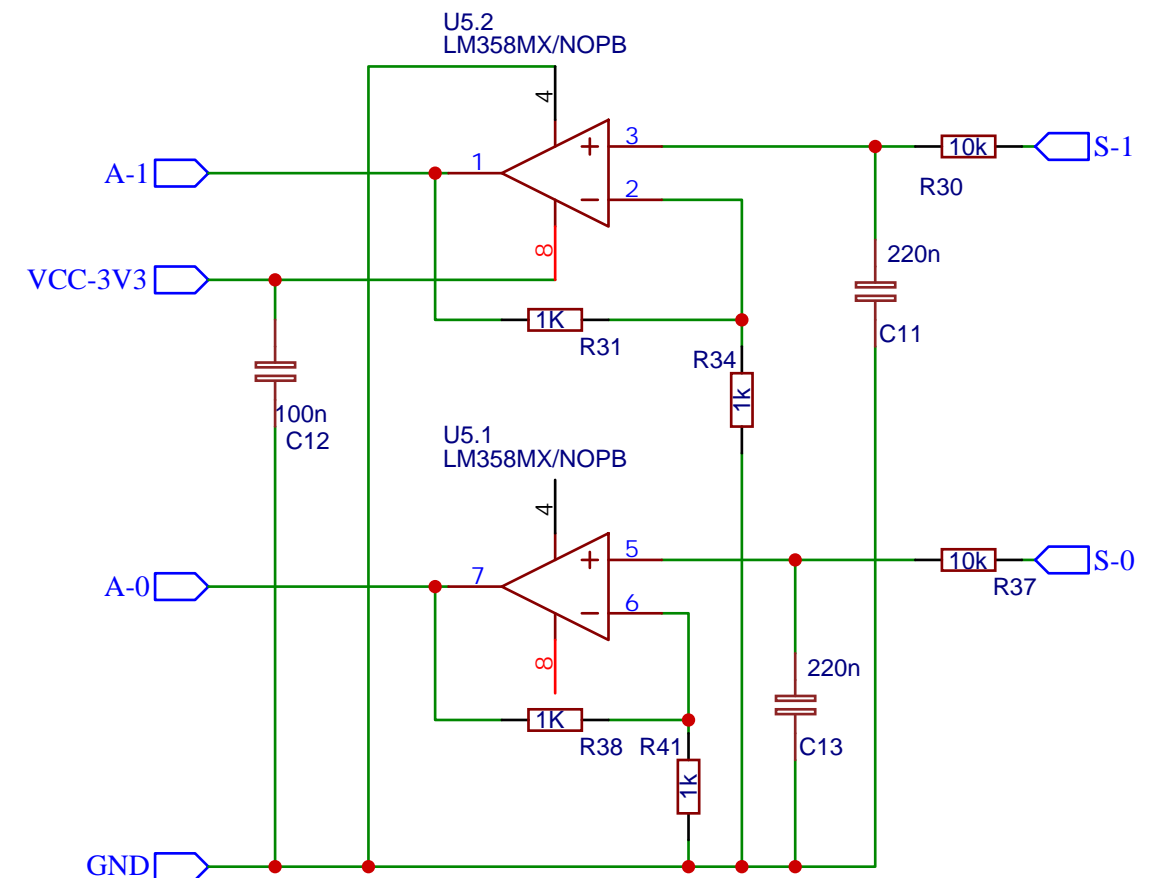
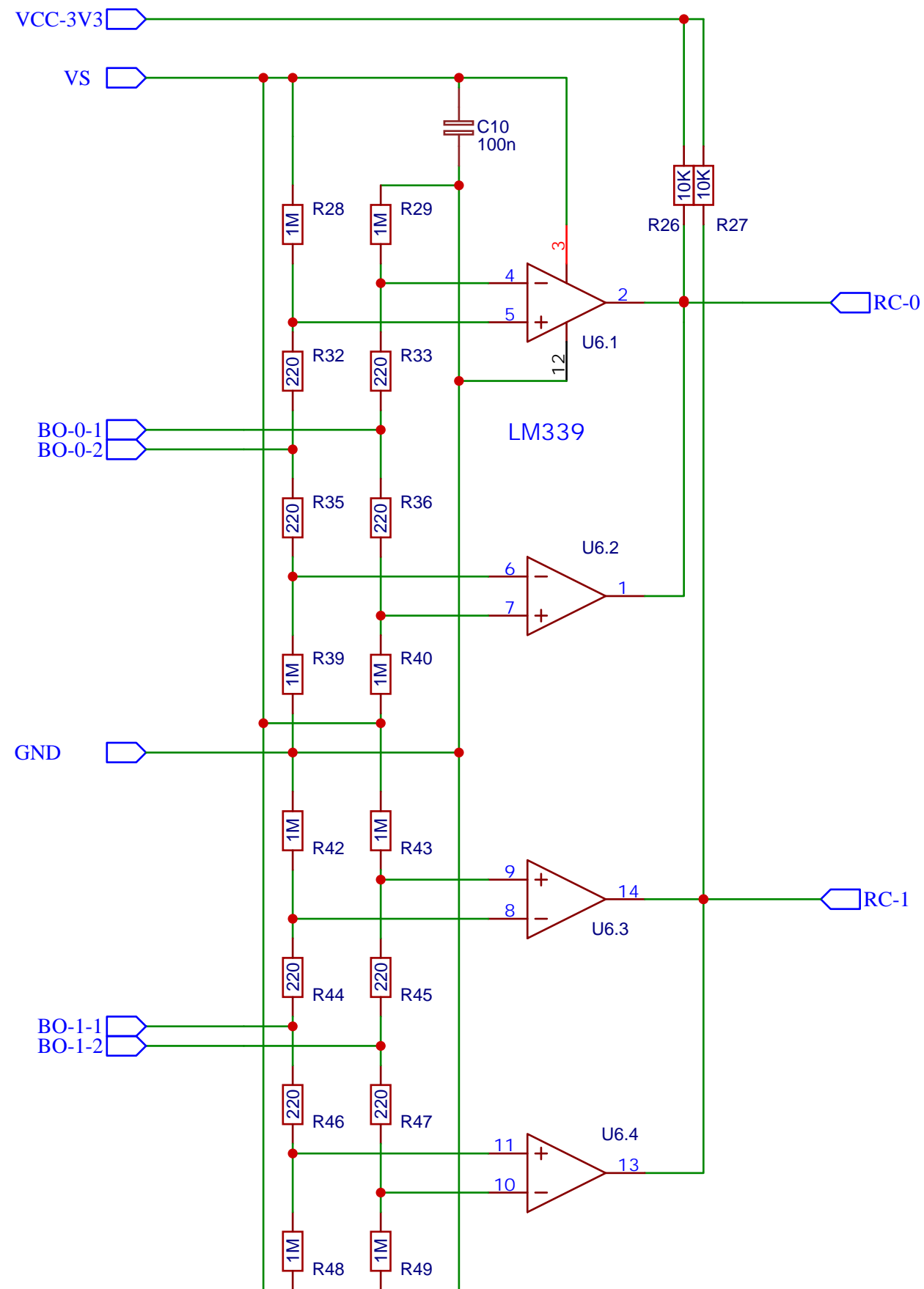


Non-Volatile Memory

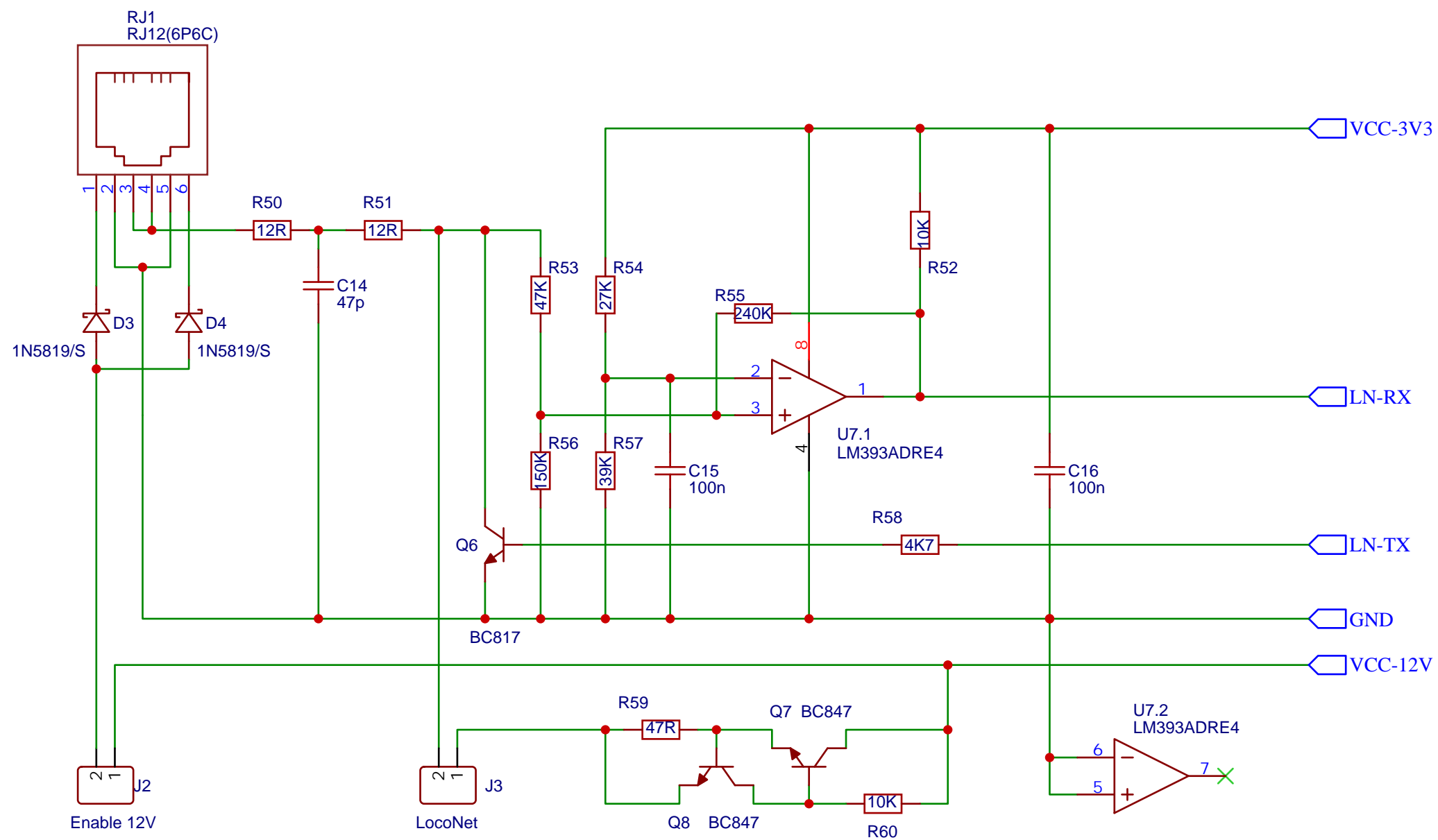


TITLE: LcsNodes-base-Station-Board Logic		REV: B.02.00
	Company: Your Company	Sheet: 2/6
	Date: 21-01-2025 Drawn By: helmut-f	





TITLE: LcsNodes-base-Station-Board Current Meas and RailCom		REV: B.02.00
嘉立创EDA	Company: Your Company	Sheet: 4/6
	Date: 21-01-2025	Drawn By: helmut-f

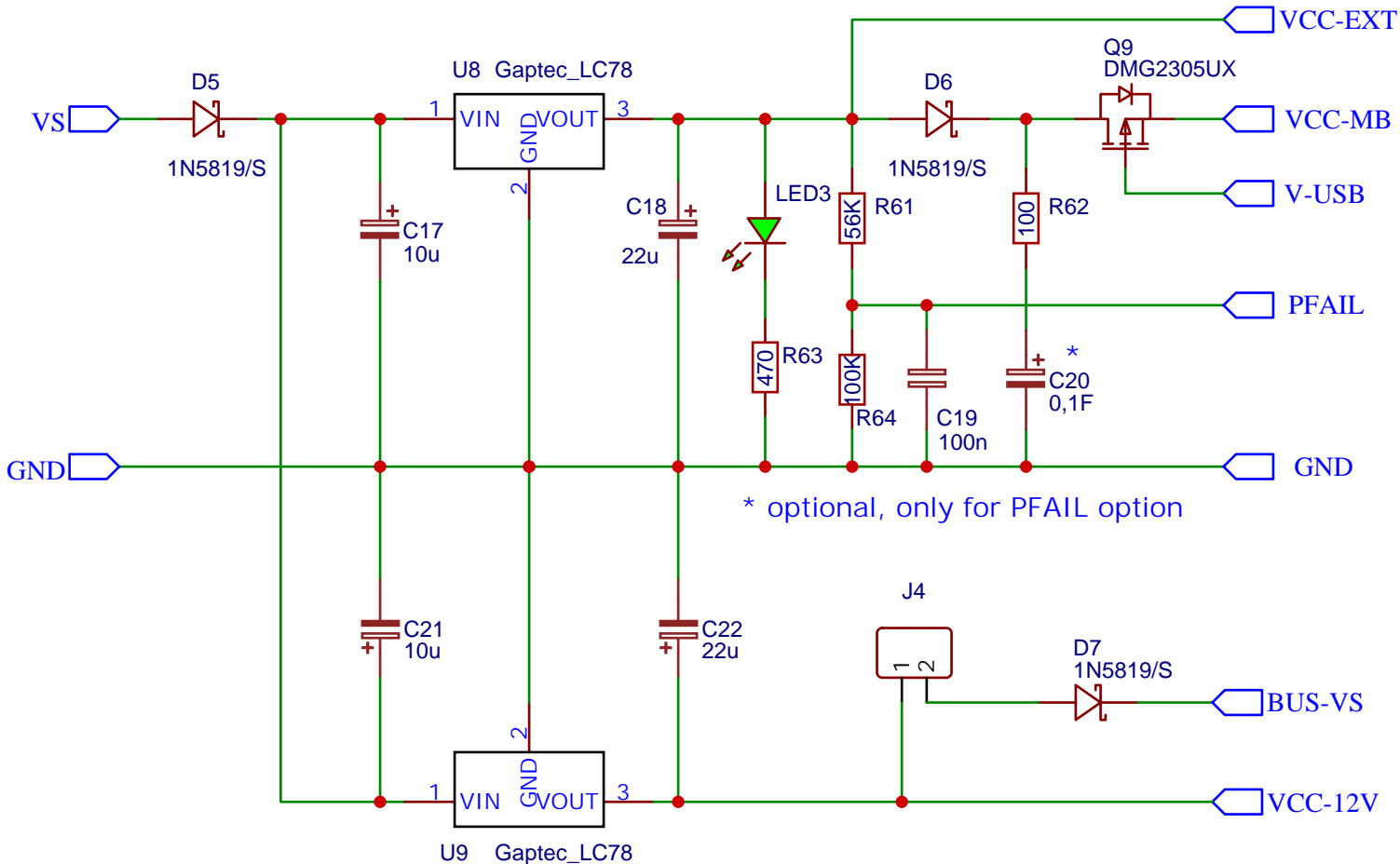
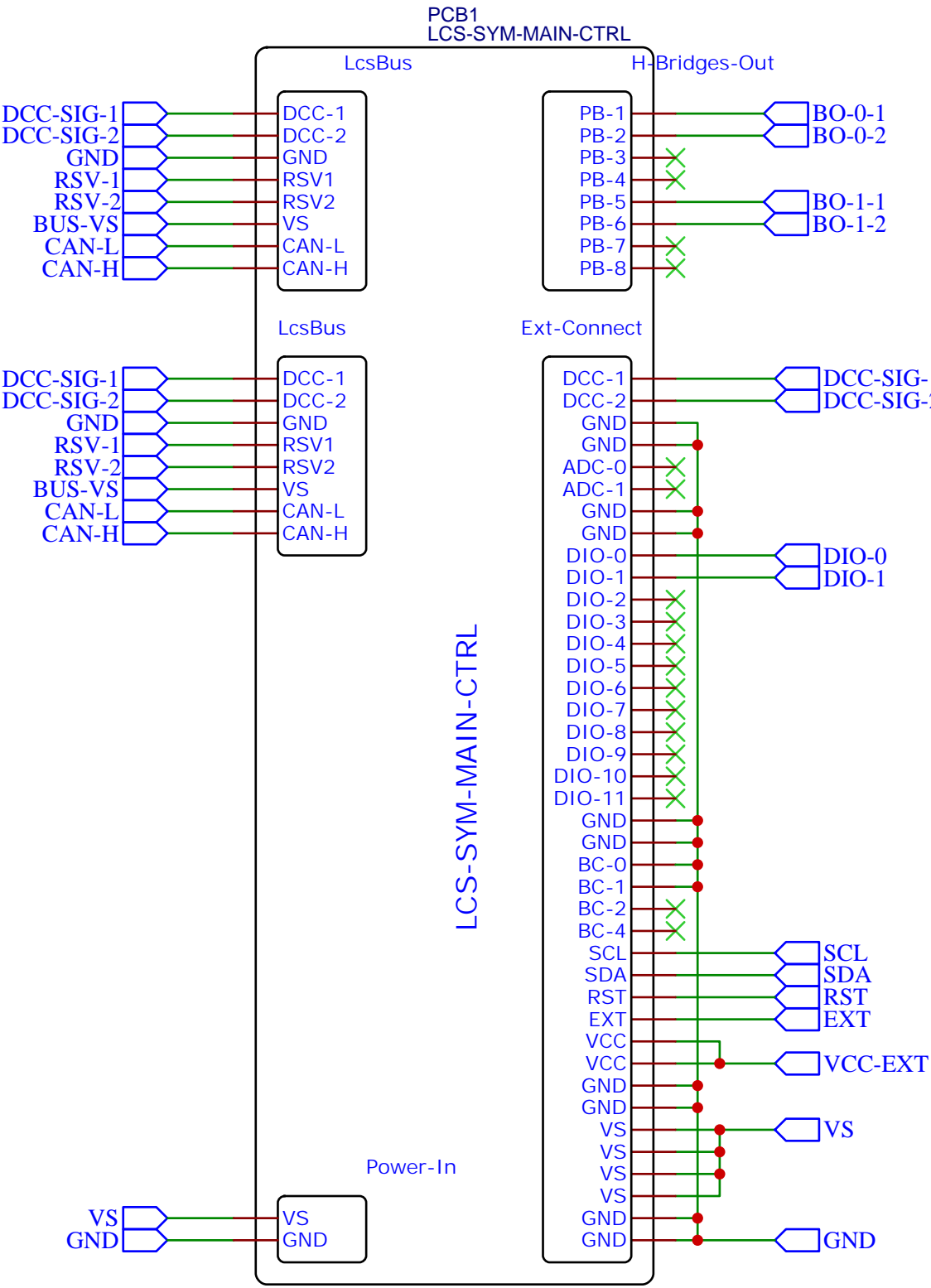


The LocoNet interface is an optional component. If not used, just leave the PCB board empty for this function.

TITLE: LcsNodes-base-Station-Board LocoNet Interface		REV: B.02.00
EasyEDA	Company: Your Company	Sheet: 5/6
	Date: 21-01-2025	Drawn By: helmut-f

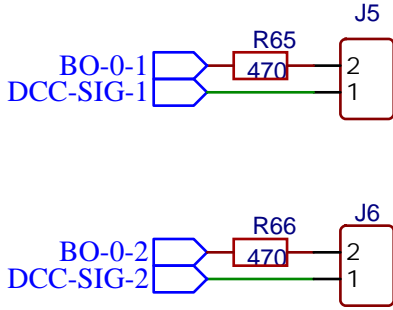
Block Controller PCB connectors

Power Supply with Powerfail Option



Optional 12V Power supply for LCS Bus and LocoNet bus
(if not needed, just leave out)

Jumper for DCC Signal enable on LCS Bus



TITLE: LcsNodes-base-Station-Board Connectors, Power Supply		REV: B.02.00
	Company: Your Company	Sheet: 6/6
	Date: 21-01-2025	Drawn By: helmut-f