

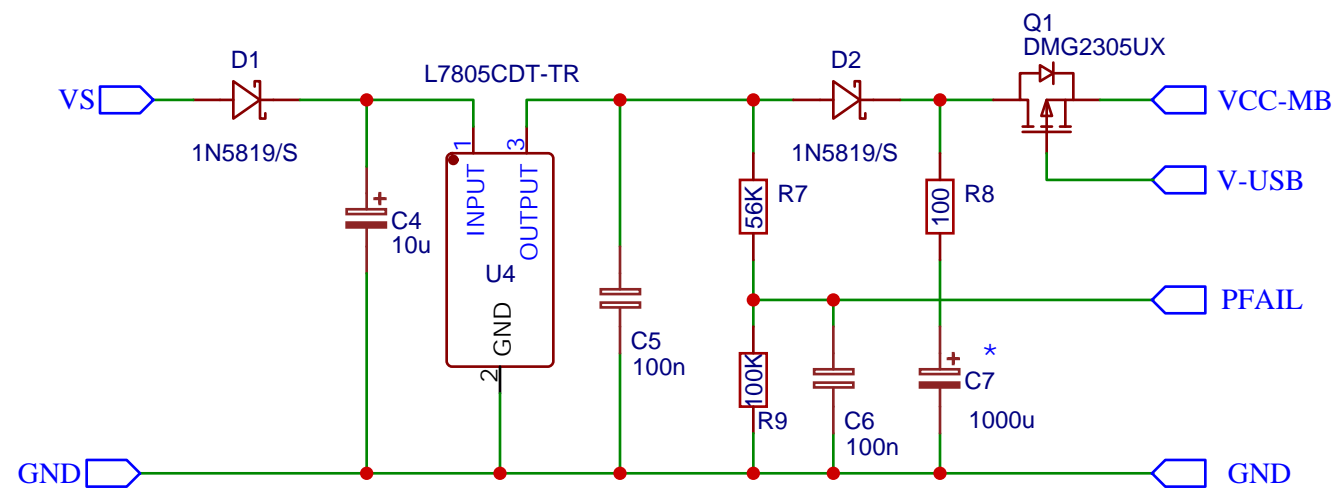
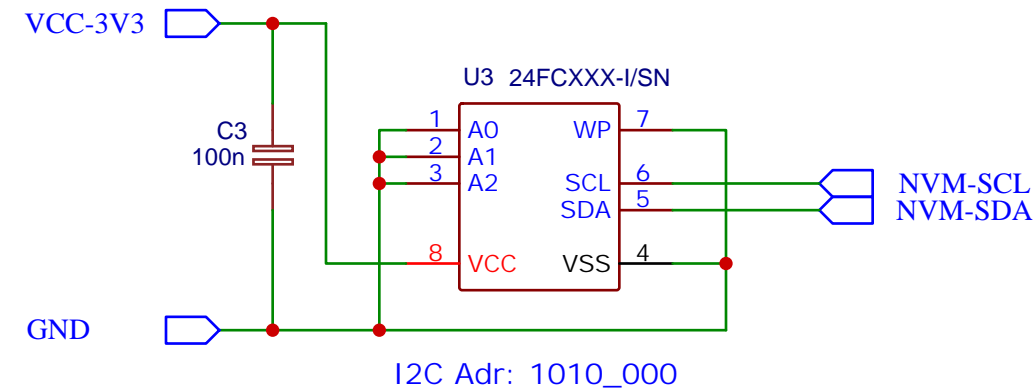
The schematic diagram illustrates the MCP2562-H/P CAN transceiver circuit. The component U1, labeled MCP2562-H/P, is a 14-pin device. Its pins are connected as follows:

- Pin 1 (TXD):** Connected to the CAN-TX input.
- Pin 2 (VSS):** Connected to GND.
- Pin 3 (VDD):** Connected to VCC-MB.
- Pin 4 (RXD):** Connected to the CAN-RX input.
- Pin 5 (VIO):** Connected to GND.
- Pin 6 (CANL):** Connected to the CAN-L output.
- Pin 7 (CANH):** Connected to the CAN-H output.
- Pin 8 (STBY):** Connected to VCC-3V3.

Two capacitors, C1 and C2, are used for decoupling:

- C1 (100nF):** Connected between VCC-MB (Pin 3) and GND.
- C2 (100nF):** Connected between VIO (Pin 5) and GND.

The circuit is powered by VCC-3V3 and VCC-MB, with GND as the common reference. The CAN bus outputs are labeled CAN-H and CAN-L.



* optional, only for PFAIL option

