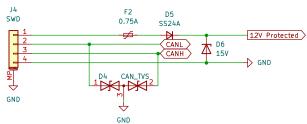
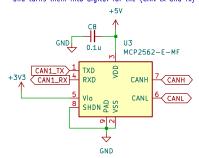
Main connector to the car's electronics



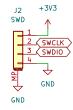
This is the CAN transciever which takes the CANH and L differential signals and turns them into digital for the (CAN tx and rx) for the chip

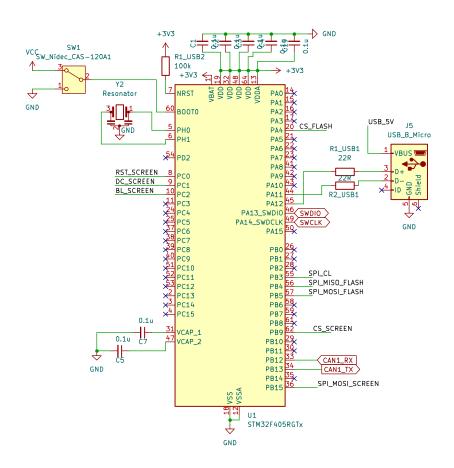
GND

GND



This is the little 4-pin used to flash the microcontroller





nents D2 1N5712UR +5V USB_5V D1 1N5712UR TPS562200 C13 R8 0.1u 56.2k C17 22u R9 10k +3V3 C6 U2 525FL128S \rightarrow GND L2 4.7u +3V3 U5 TPS562200 SW 2 C14 R10 0.1u 29.4k 12V Protected C10 C12 22u 22u R11 GND Consider connecting HOLD to GPIO Consider provisions for QSPI connection GND Separate memmory module for the microcontroller (hence FLASH connections)

These two take in the main 12V and output 3.3V and 5V for the internal components

This is the connector to the screen

