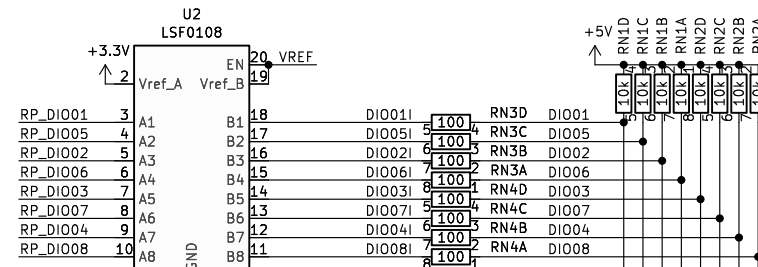
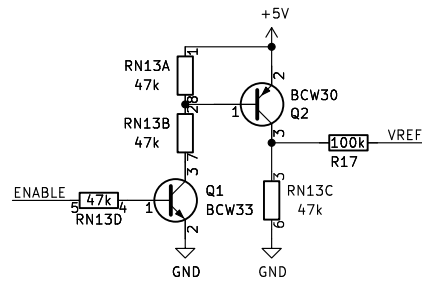
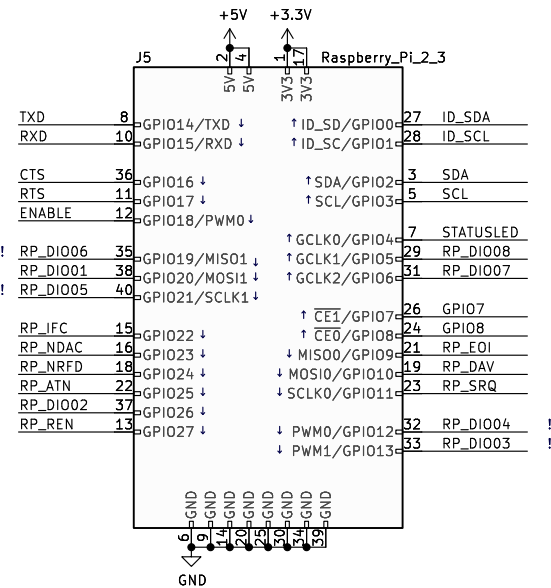
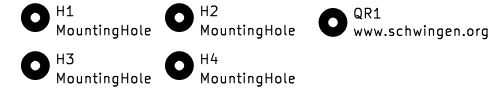
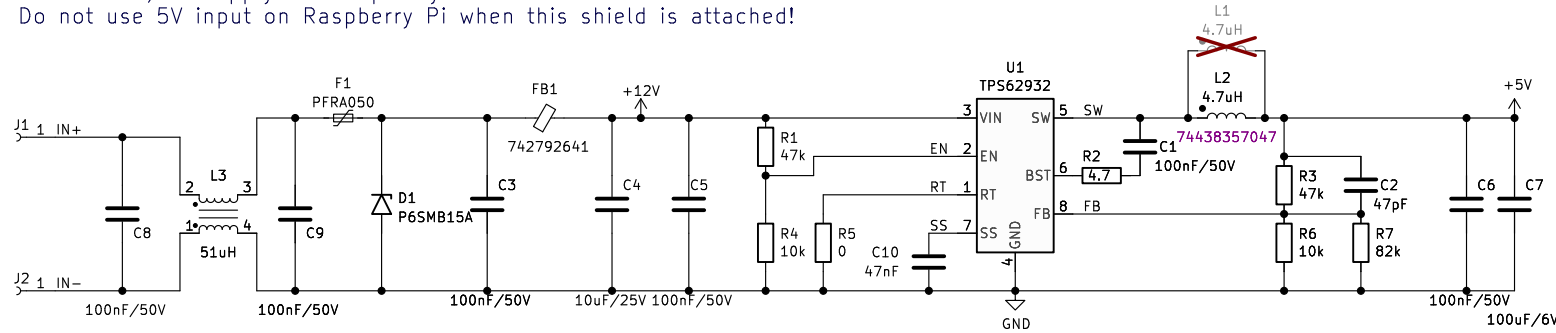
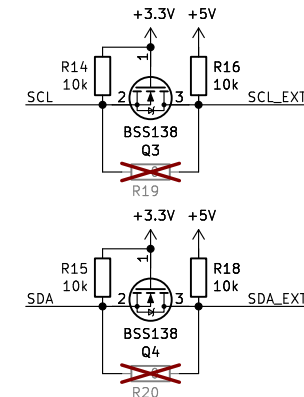
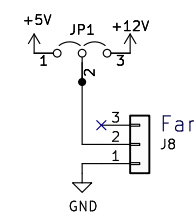
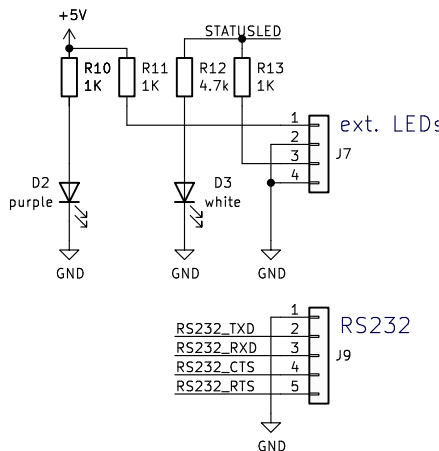
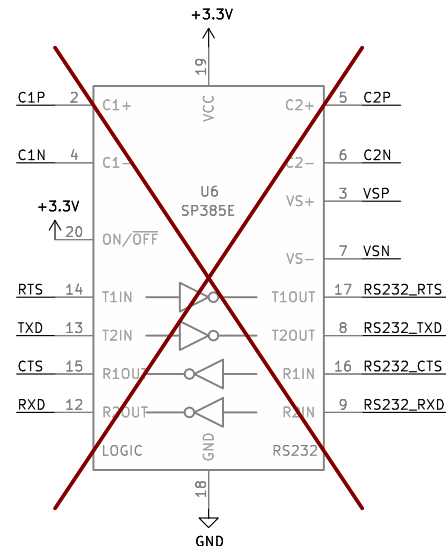
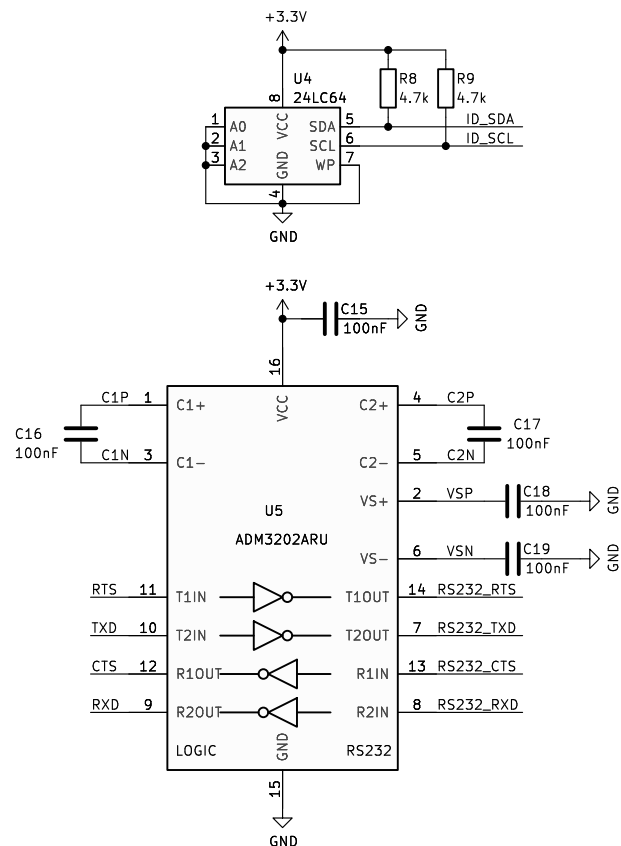
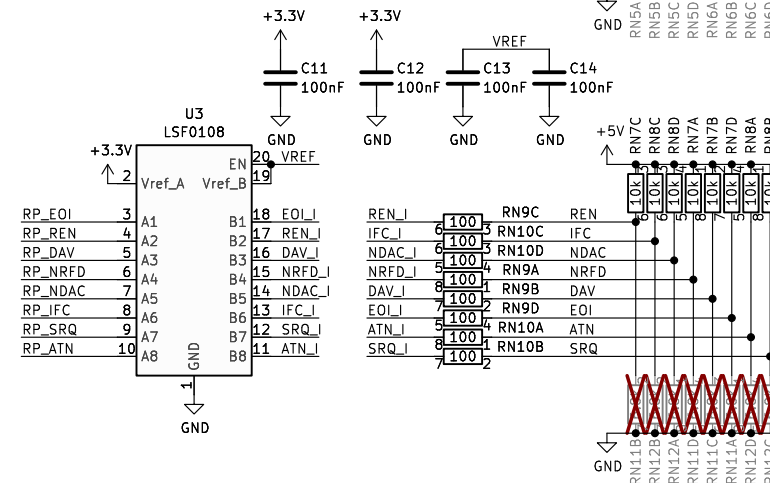
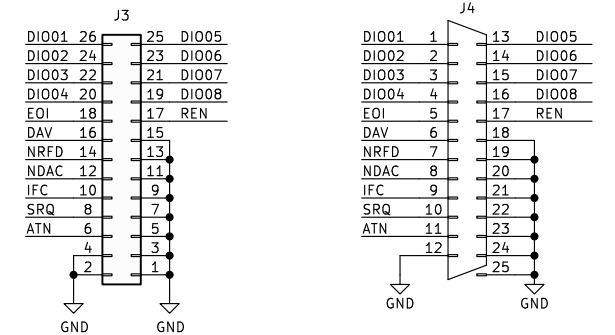


12V -> 5V/2A supply for Raspberry Pi.
Do not use 5V input on Raspberry Pi when this shield is attached!

In: 6V-18V
Out: 5V / 2A
 $f = 1200\text{kHz} \rightarrow L = 3.9\mu\text{H} - 4.7\mu\text{H}$
WE-MAPI 4020: 74438356047 4.7uH/76mR
WE-MAPI 4020HT: 74438356047HT 4.7uH/75mR
WE-MAPI 4030: 74438357047 4.7uH/44mR
Coilcraft XGL4020-472ME: 4.7uH/47mR
Bourns SRP4030FA-4R7M: 4.7uH/44mR



J3 pinout matches existing HP Cable.
Connect IDC 24-pin centronics connector to 26-pin 2.54mm IDC connector:
red stripe (pin 1) on cable to centronics pin 1.
red stripe (pin 1) on cable to IDC pin socket pin 26, pin 1+2 are not connected (or attached to shield if available)



Expansion (Display etc.)

