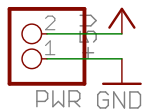
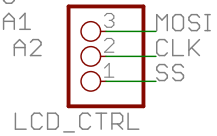


Arduino pins:

SS = A0

CLK = A1

MOSI = A2

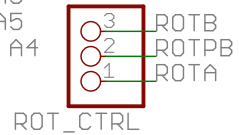


Arduino pins:

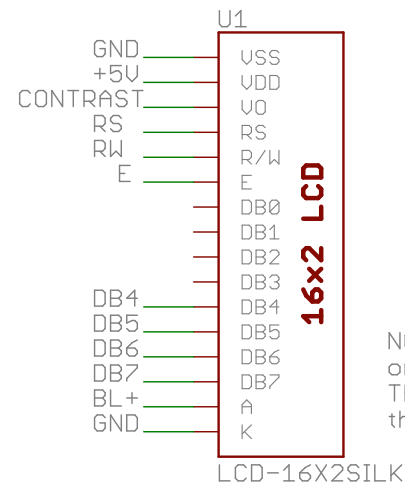
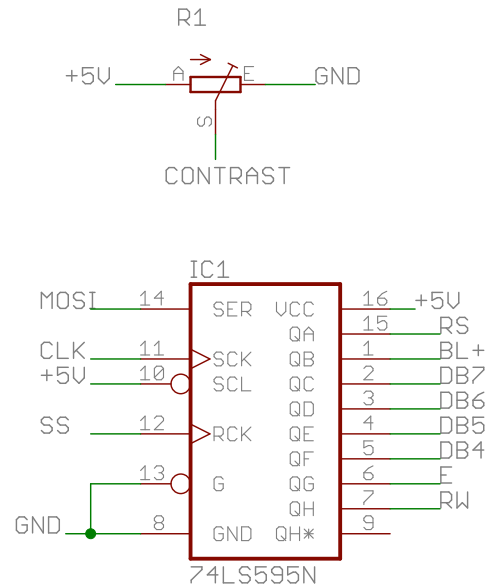
ROTA = A3

ROTB = A5

ROTPB = A4



There's a 2.2uF cap on the power input not drawn here, no separate bypass cap for the 595 (you should add one)



NOTE: I replaced a 0R resistor on the LCD with 22R one. That's why there is no resistor on the backlight in the schematic

