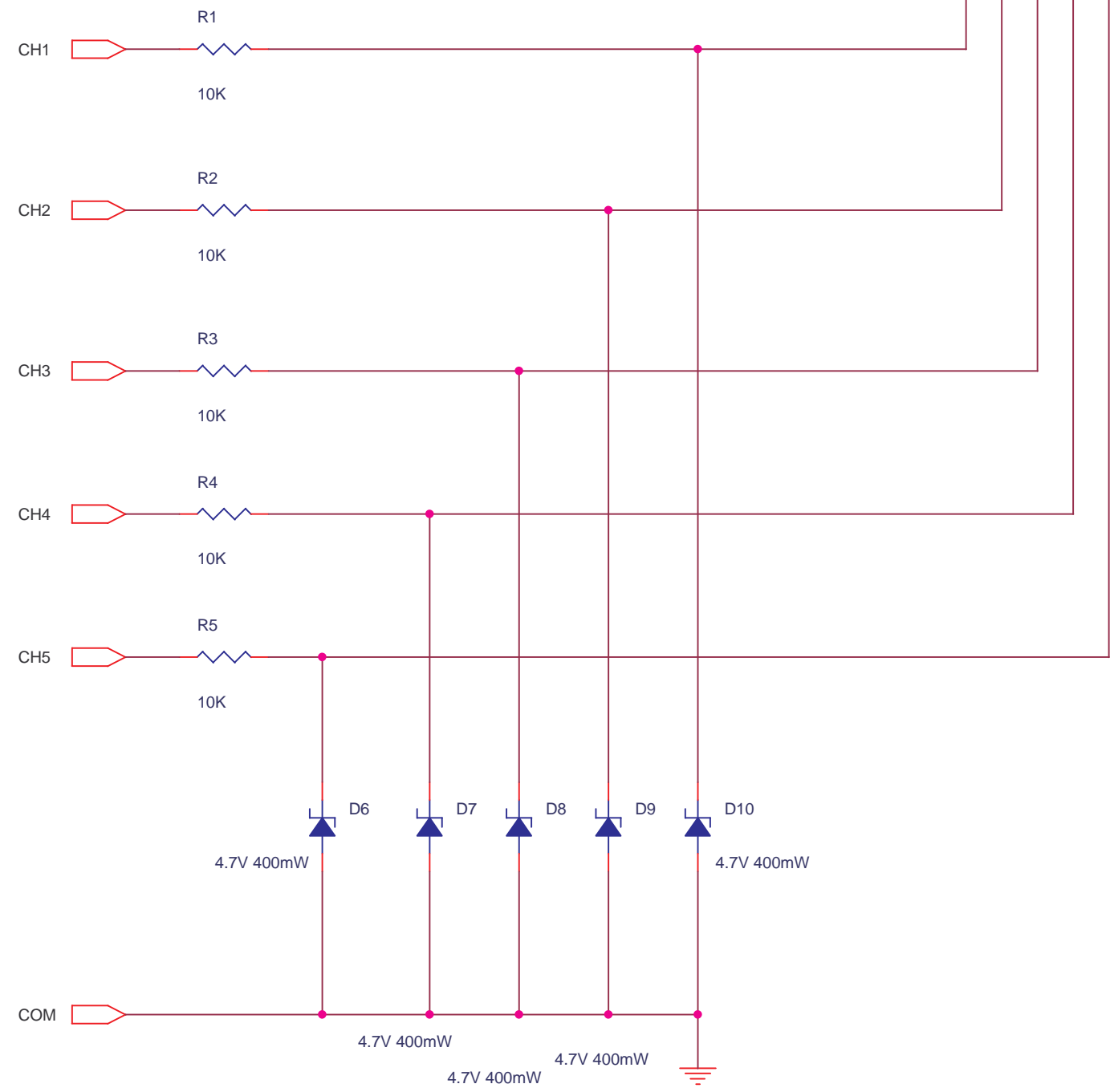
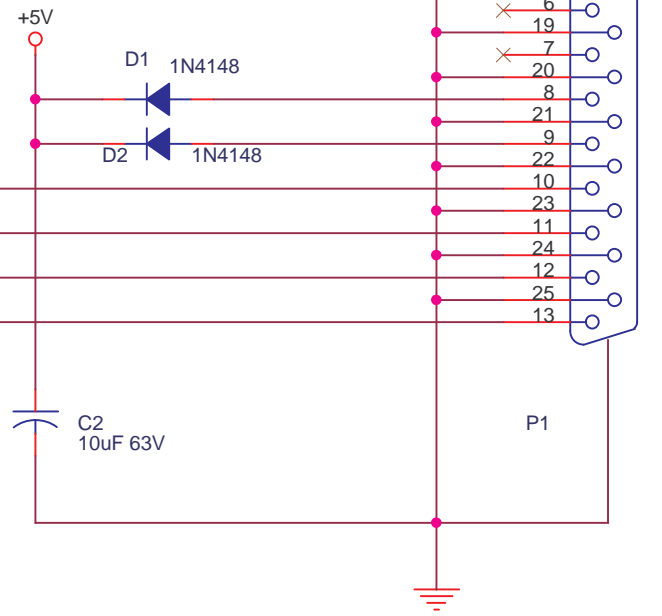
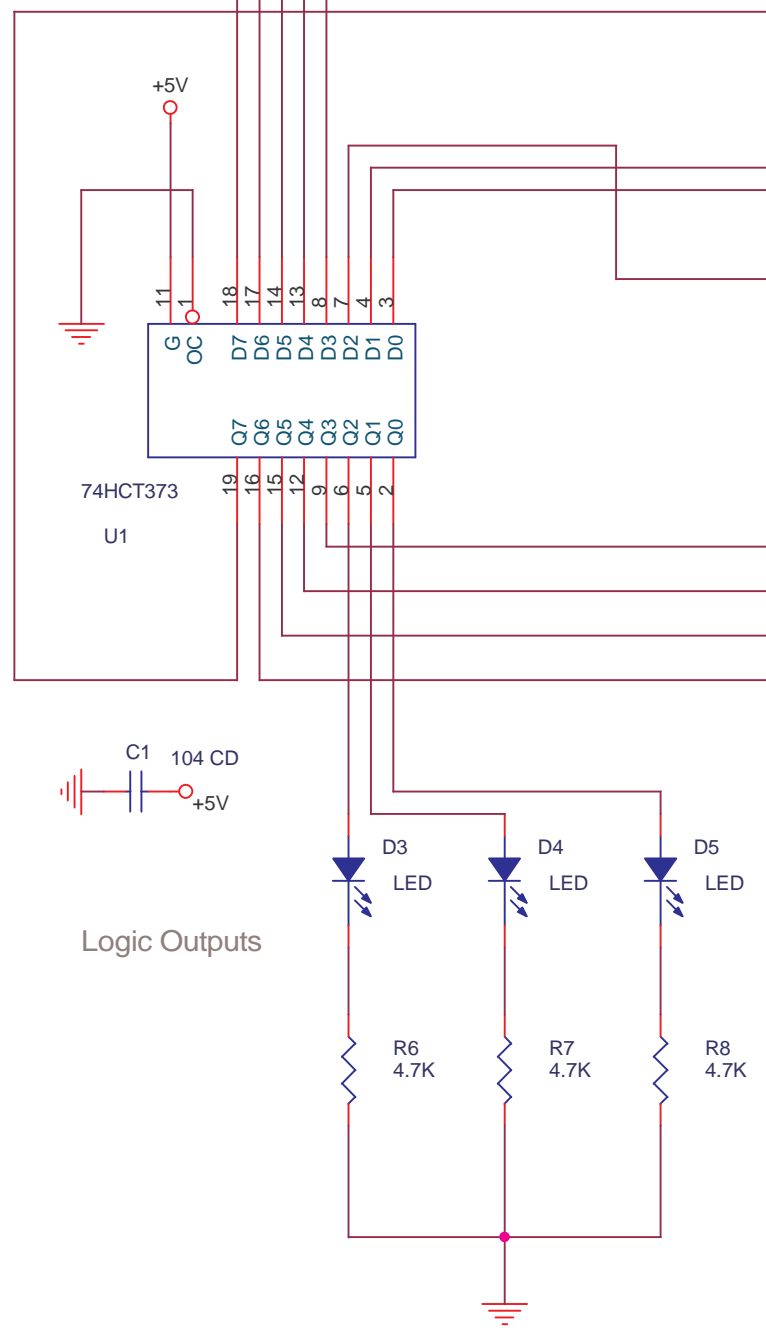


Logic Inputs



Logic Outputs



connect to printer port with a good quality shielded cable.

the power supply is derived from the printer port, you can remove that and put a separate supply if you want to use relays etc.

"analog ground" and "digital ground" must be linked at power supply only, avoid loops, let grounds radiate from a ground plane.
 use MFR 1% for all Resistors, 33E means 33 ohms, 22K means 22 kilo ohms, 1M is 1 megohm. 10T Trimpot means like 10 turn bourns.
 '474 CD' is 47 with 4 zeros pF, 470000 pF, remove 3 zeros 470 nF, shift decimal 3 places 0.47uF. "pl" is plastic, low leakage multilayer.

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