RS232 to RS422 converter

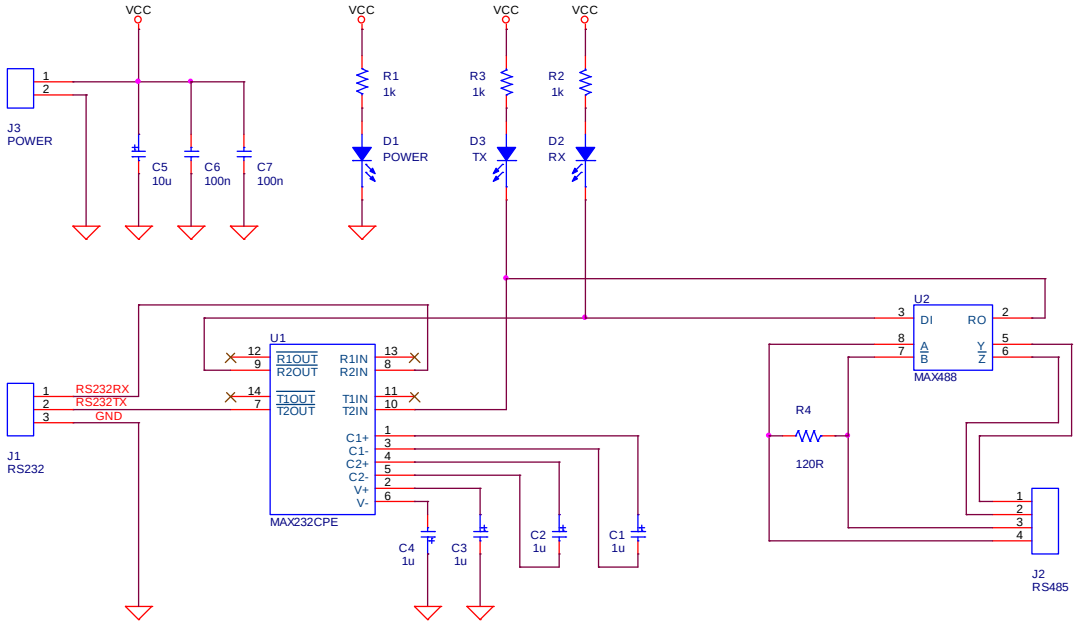

Fig.1: Circuit diagram

PCB

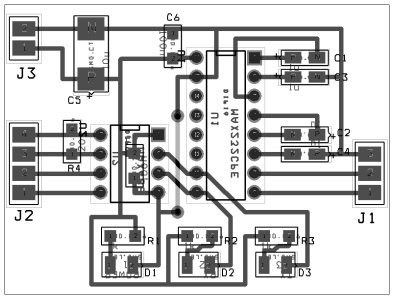

Fig.2: PCB Design

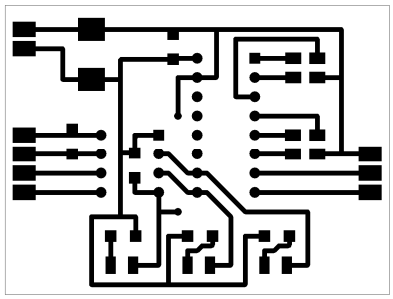

Fig.3: PCB layout in scale 1:1 (size is 2” x 1.5”)

BOM

U1	MAX232CWE	DIP 16
U2	MAX488	DIP 8
D1	Green	SMD LED, 1210
D2,D3	Orange	SMD LED, 1210
R1-R3	1kΩ	resistor, 1206
C1-C4	1µF	tantalum capacitor, size A
C5	10µF	tantalum capacitor, size C
C6,C7	100nF	ceramic capacitor, 1206
J1	3 pads	for SMT
J2	4 pads	for SMT
J3	2 pads	for SMT