K1
BT/RS232 connector

1	+5V
2	State
3	TX
4	RX
5	GND

5.5 V

U1
MAX232
MAX232

C1+ 1
C1- 3
C2+ 4
C2- 5

Vs+ 2
Vs- 6

Vcc 16
Gnd 15

T1IN 11
R1OUT 12
T2IN 10
R2OUT 9

T1OUT 14
R1IN 13
T2OUT 7
R2IN 8

C1 0.1u
C4 0.1u
C2 0.1u
C3 0.1u

GND

5.5 V

K2
RS232 connector

1	RX
2	TX
3	GND

GND