U1
Voltage Regulator 5V
input voltage
output voltage
GND
D2 1N4007
D1 1N4007
D6 1N4007
D3 1N4007
J3
R1 4.7kΩ
LED1 Red (633nm)
D5 1N4148
R2 1kΩ
LED2 White (6500K)
U2
J2 CTB0158-2
L1
D4 1N4007
LED5 Red (633nm)
LED4 Yellow (595nm)
LED3 Green (555nm)
R6 680Ω
R5 680Ω
R4 680Ω
Q1 2N2222
R3 1kΩ
SG1
X1
USB
D7 1N4007
Q2 2N2222
R7 1kΩ
JP1

fritzing