Shift4me
V1.0

Copper side view

R2
R3

buzzer
+   -

bypass/led
+
-

R1
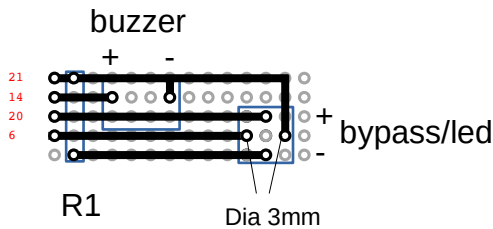
Dia 3mm

1 to on/off1 common
3 to charger plug plus (tip)
4 GND (DIN+sensor+charge plug)
5 to hall sensor signal (mini jack)
6 to bypass switch
7 to buzzer + (DIN)
8 to servo GND (plug)
9 to servo colored (plug)
10 measure pin (GND)
11 to ground (B2,4,8)
14 buzzer (+)
17 on/off2 common
18 LED + (DIN)
19 on/off2 norm open
20 LED (+)
21 GND (to DIN)
R1=220 ohm (red-red-brown)
R2,3=470 ohm (yellow-purple-brown)
Batteries: NiMh 2200mAh
B1 2,4V pos
B2 6V neg
B3 6V pos
B4 2,4V neg

LED: long leg=positive

Cathode
-

Anode
+