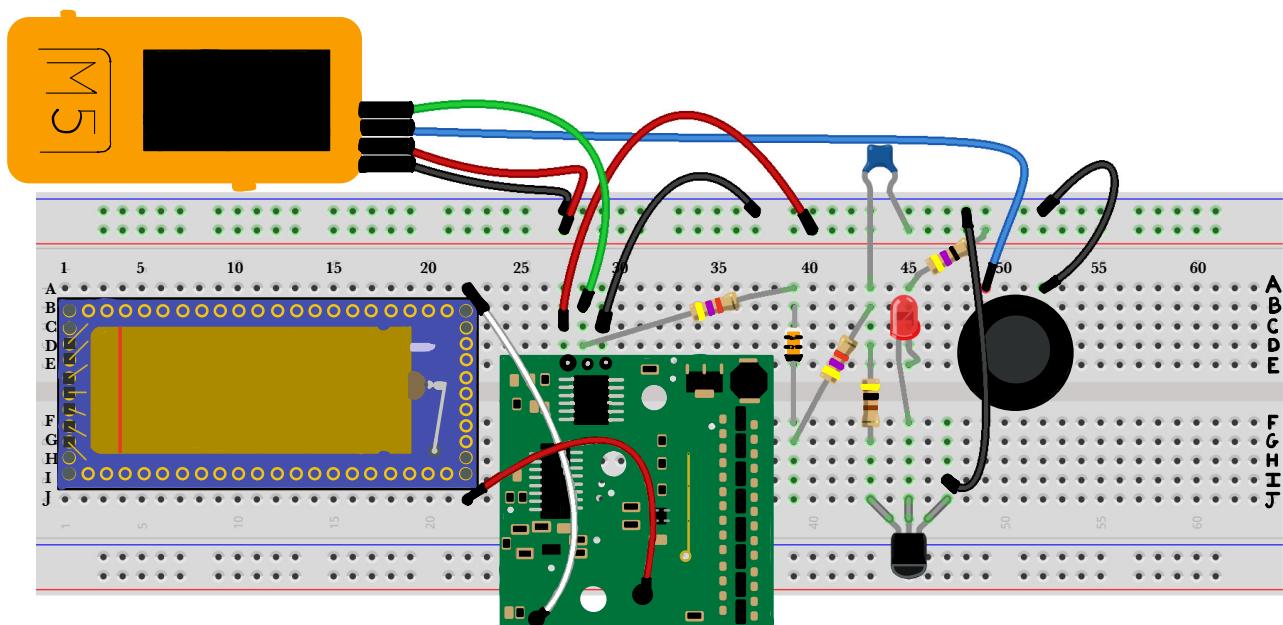
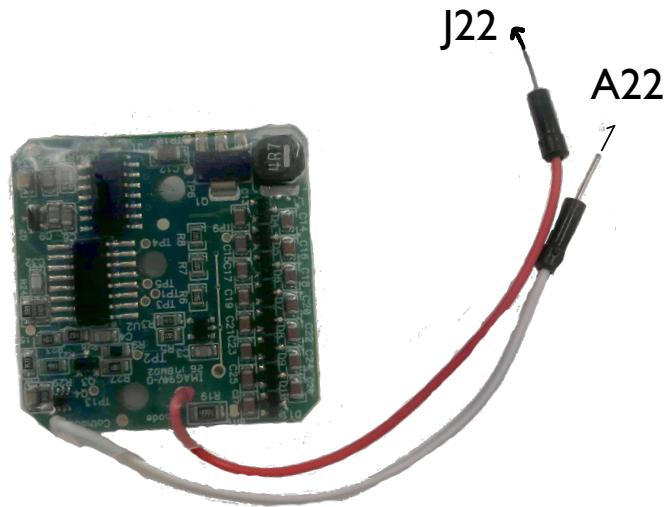
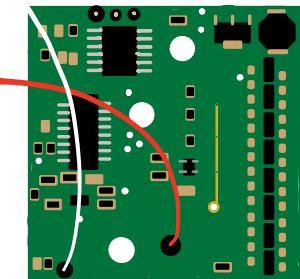


SAFECAST kGeigie Kit

Assembly Diagram 組み立て図

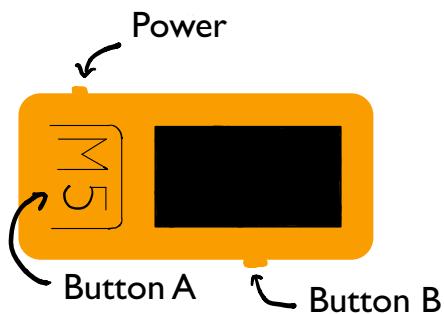


iRover



Connect:
Red wire to J22
White wire to A22

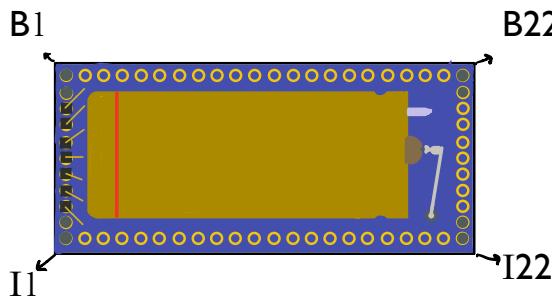
M5 Stick-C



Attach Jumper Wires to Ports and connect:

- BLACK: GND to 21(-)
- RED: 5V ➡ to 21(+)
- BLUE: G26 to A49
- GREEN: G36 to B28

Geiger-Mueller Tube (Sensor)



- Connect corners to B1, B22, I1, I22 as oriented above.

Jumper Wires

Blue x1



Connect M5Stick-C Port G26 to A49

Green x1



Connect M5Stick-C Port G36 to B28

Black x4



Connect: M5Stick-C Port GND to 21(-)
C29 to 32(-)
I47 to 48(-)
A52 to 52 (-)

Red x2



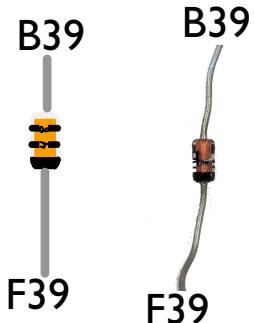
Connect: 5V ➡ to 21(+)
C27 to 40(+)

Buzzer



Connect: prongs to A49 (+ prong) and A52

Diode

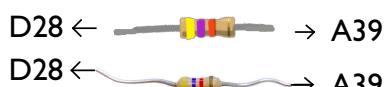


Connect ends to B39 and F39, as oriented above*

*Note: The black end **MUST** face F39

Resistors

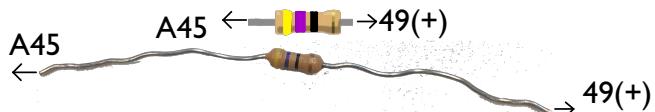
Yellow, Purple, Red, Gold x2



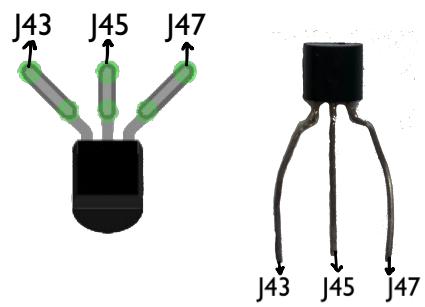
Brown, Black, Yellow, Gold x1



Yellow, Purple, Black, Gold x1

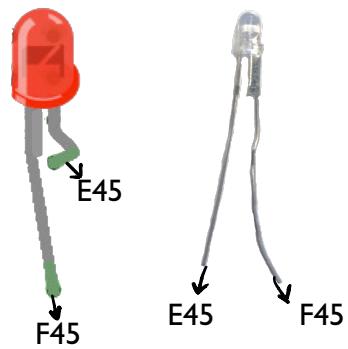


Transistor



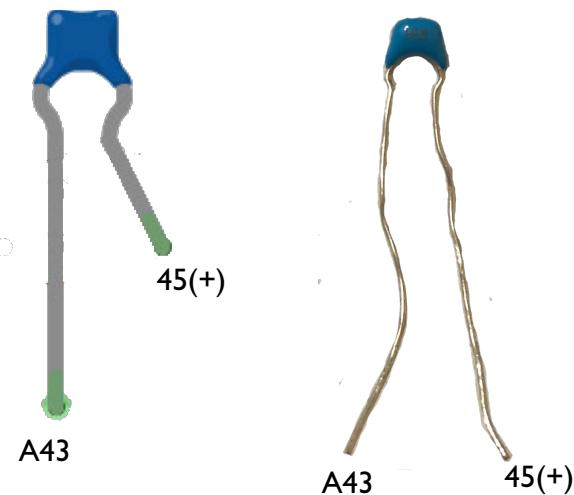
*Note: the flat side faces towards the board

LED Bulb



*Note: the long leg goes to F45

Capacitor (Blue)



Things you need:

- Jumper Wires (Blue x1, Green x1, Black x4, Red x2)
- Geiger-Mueller Tube (Sensor)
- Resistors
 - Yellow, Purple, Red, Gold x2,
 - Brown, Black, Yellow, Gold x1
 - Yellow, Purple, Black, Gold x1
- Diode
- Buzzer
- iRover
- M5Stick-C
- Capacitor
- LED Bulb