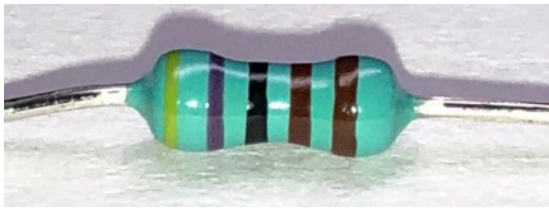


# DIY Particle Detector V1.1: Overview of Electronic Parts

Resistor values in Ohm:

R1 4k7 (4.7 k)



yellow purple black brown (brown)

R2 15 k



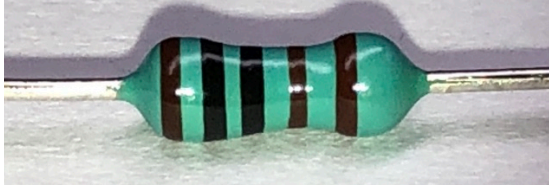
brown green black red (brown)

R3 10 M



brown black black green (brown)

R4 1 k



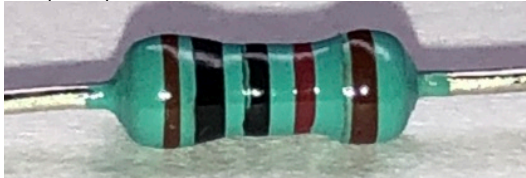
brown black black brown (brown)

R5 100 k



brown black black orange (brown)

R6, R7, R8 10 k



brown black black red (brown)  
(R8 is optional)

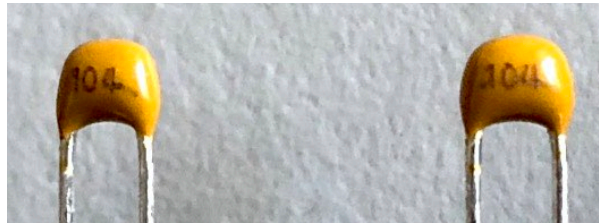
Capacitors in Farad:

C1, C2, C7 10 p



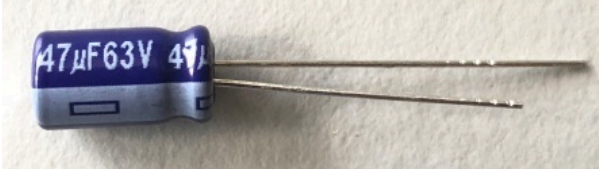
marking: 100

C3, C5, C6, C8, C10 100 n



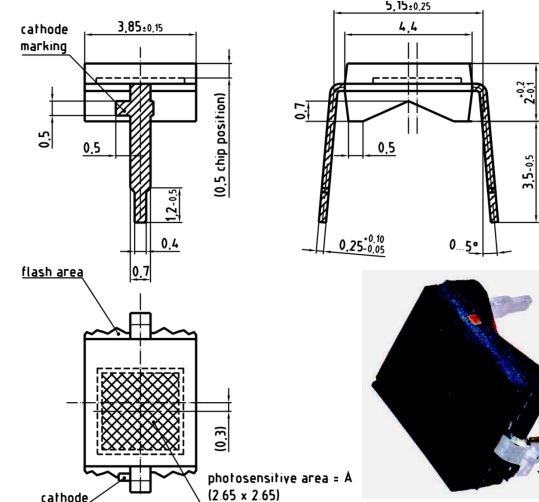
marking: 104

C9 47 u



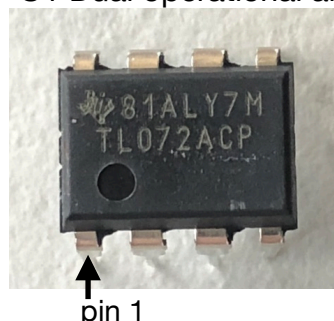
polarity: short pin = minus, long pin = plus

D1 - D4 Silicon PIN Diode BPW34 F



polarity: pin with notch = cathode

U1 Dual operational amplifier TL072 ACP



polarity: pin 1  
marked with circle