EMG SpikerShield Board

(your board color could be different)

Note1: The position of the components could be different depending on the model of your board.

C1, C2, C10, C100 = 10 uF
(label 106)

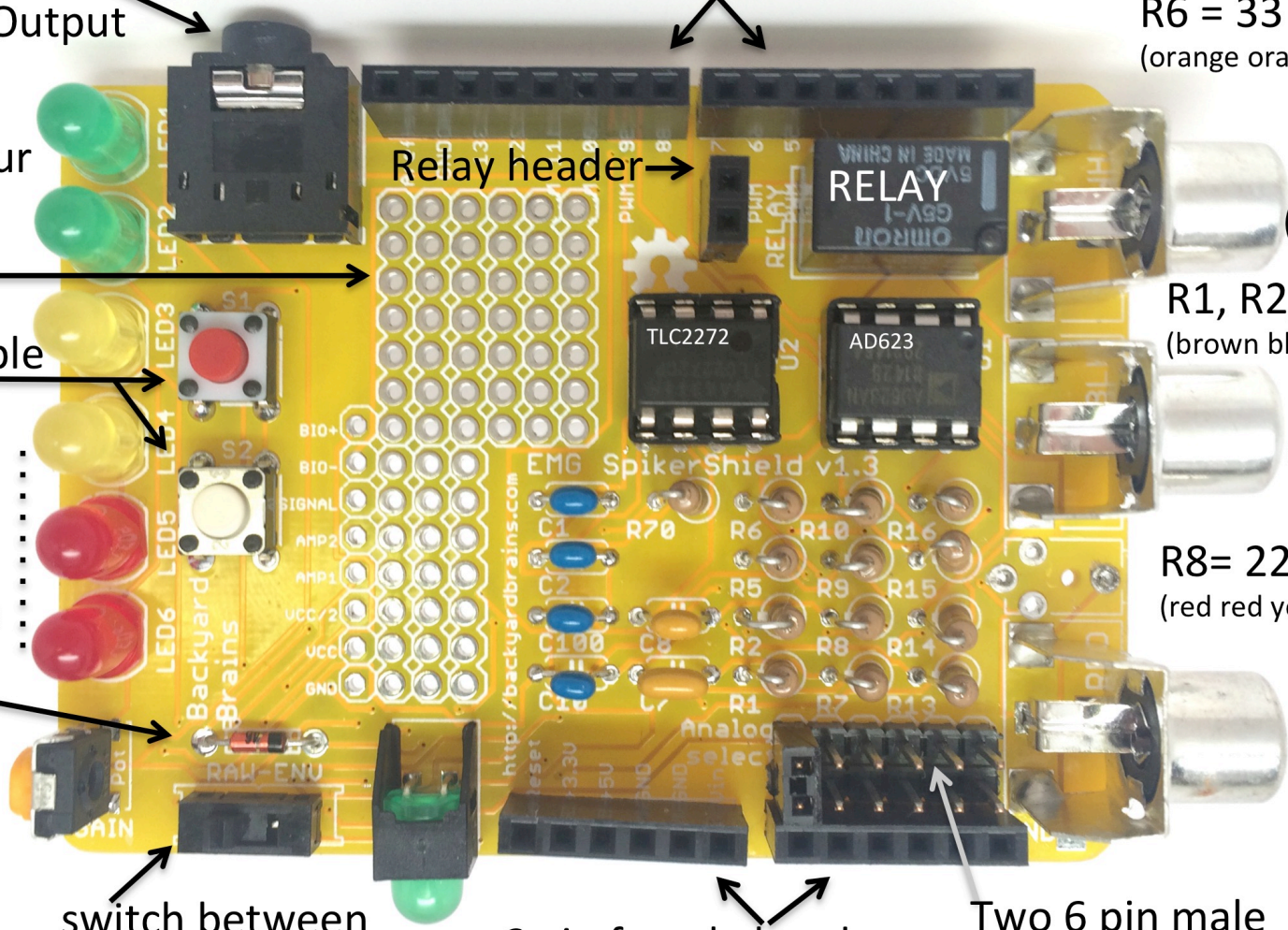
C8= 560 uF
(label 561)

C7= 0.47 uF
(label 474 or 4742)

R7, R70 = 1 kΩ
(brown black red)

R5 = 390 Ω
(orange white brown)

R6 = 33 kΩ
(orange orange orange)



RCA input
(interior white)

R1, R2, R9, R10 = 10 kΩ
(brown black orange)

RCA input
(interior black)

R8= 220 kΩ
(red red yellow)

RCA input
(interior red)

R13, R14, R15, R16 = 47 kΩ
(yellow purple orange)

Make sure all chips face towards RCA inputs (notice circle or half-circle mark in corner of chip)

*You can change the jumper position to 1, 2, 3, 4, 5, or 6 to select Arduino Analog In 0, 1, 2, 3, 4, or 5 for your EMG signal.