

For the full, step-by-step assembly guide, visit diy.re/pr502-manual

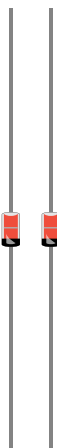
1

Diodes

Sub bag

1

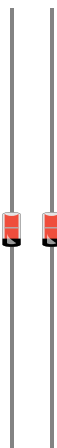
D1, D5
9v zener diodes



Sub bag

2

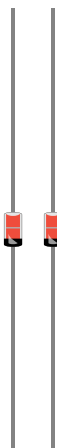
D2, D6
8v zener diodes



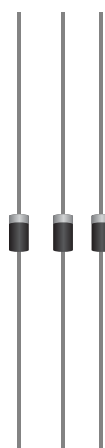
Sub bag

3

D3, D7
18v zener diodes



D4, D8, D9
1N4004 diodes



2

Resistors

R3, R4
470R



yellow
purple
black
black
brown

R5, R6
3.3k



orange
orange
black
brown
brown

R7
1.8k



brown
gray
black
brown
brown

R8
22k



red
red
black
red
brown

R9
2.2k

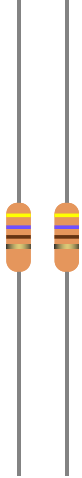


red
red
black
brown
brown

3

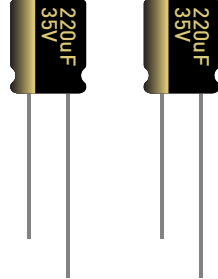
Capacitors, LEDs, and Power Resistors

R1, R2
470R 2W



yellow
purple
brown
gold

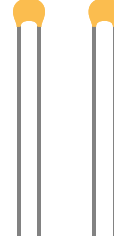
C1, C2
220uF



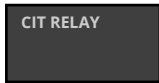
C7
100uF



C3, C4
.1uF



U1
24V Relay



LED1, LED2
Green



LED3
Red



CON5
2-pin header



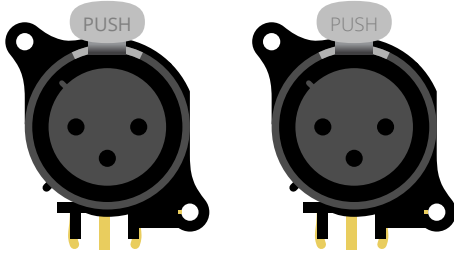
2-pin shunt



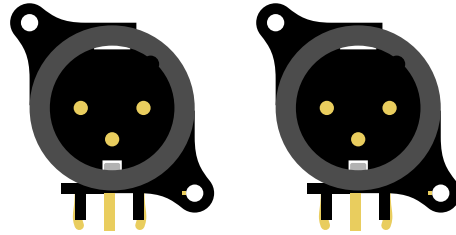
4

Jacks and Switches

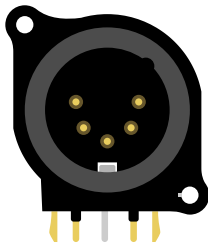
J1, J3
3-pin XLR female



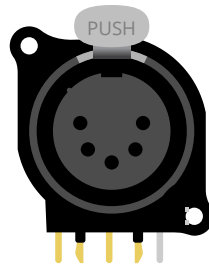
J2, J4
3-pin XLR male



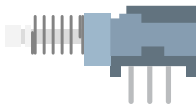
J5
5-pin XLR male



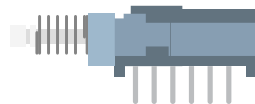
J6
5-pin XLR female



SW1
DPDT Switch



SW2
4PDT Switch



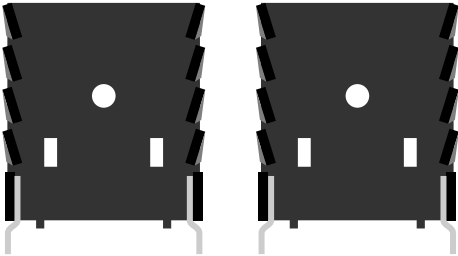
Switch caps



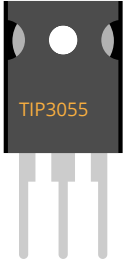
5

Transistors

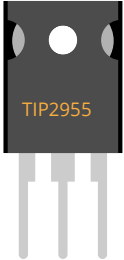
Heatsinks



Q1
3055



Q2
2955



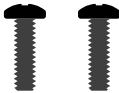
Standoff Screw



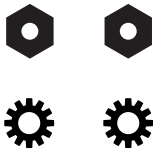
Standoffs



Heatsink Screws



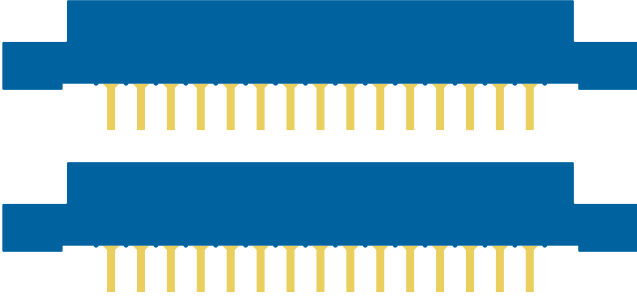
Heatsink Nuts and Washers



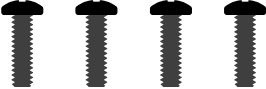
6

Card Edge Connectors

Card edge connectors



Card edge screws



Card edge bracket



H1-H4
L-bracket to MB screws



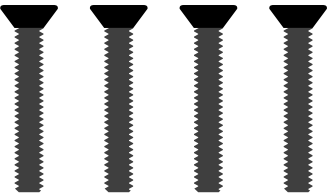
CON1, CON2
Headers to connect daughterboard



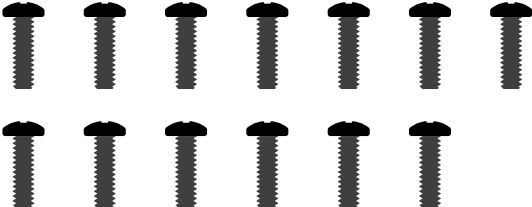
7

Chassis Screws

Front panel screws



Jack rear panel screws



Rear panel screws



Lock washers

