

WRIST BLASTER SCHEMATIC V0.1

SELECT THE RIGHT BAR METER PCBs

*** WIRES COLORS ARE FOR REFERENCE ONLY ***

YOUR WIRES/JUMPERS MAY HAVE DIFFERENT COLORS
AND/OR DIFFERENT COLORS ORDER. IT IS MORE
IMPORTANT TO RESPECT THE 2 POINTS CONNECTED : GND
TO GND, 5V+ TO 5V+, SIGNAL TO SIGNAL, ETC.

FOR REFERENCE ON THIS SCHEMATIC :

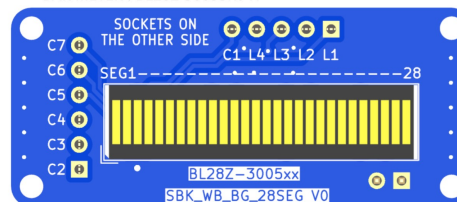
BLACK -> GROUND

RED -> VCC / V+

OTHERS -> SIGNALS, AUDIO, ETC.

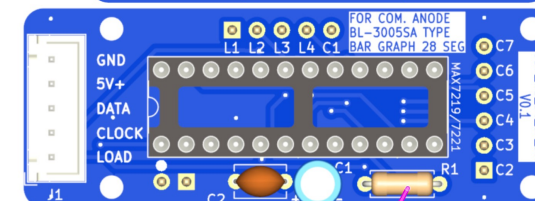
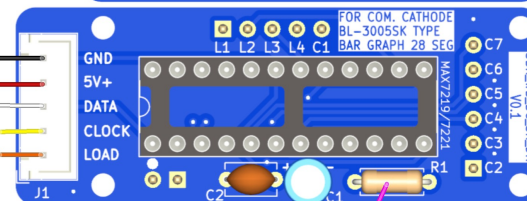
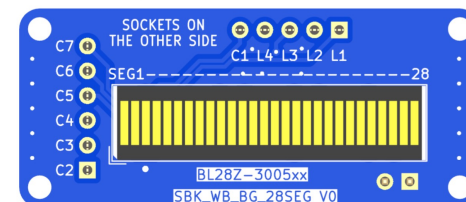
COMMON CATHODE SK

BAR METER DRIVER PCB : SBK_WB_BG_SK_DR
LEDs DRIVER : MAX7221
BAR METER HOLDER PCB : SBK_WB_BG_28SEG
BAR METER : BL28Z-3005SK04Y

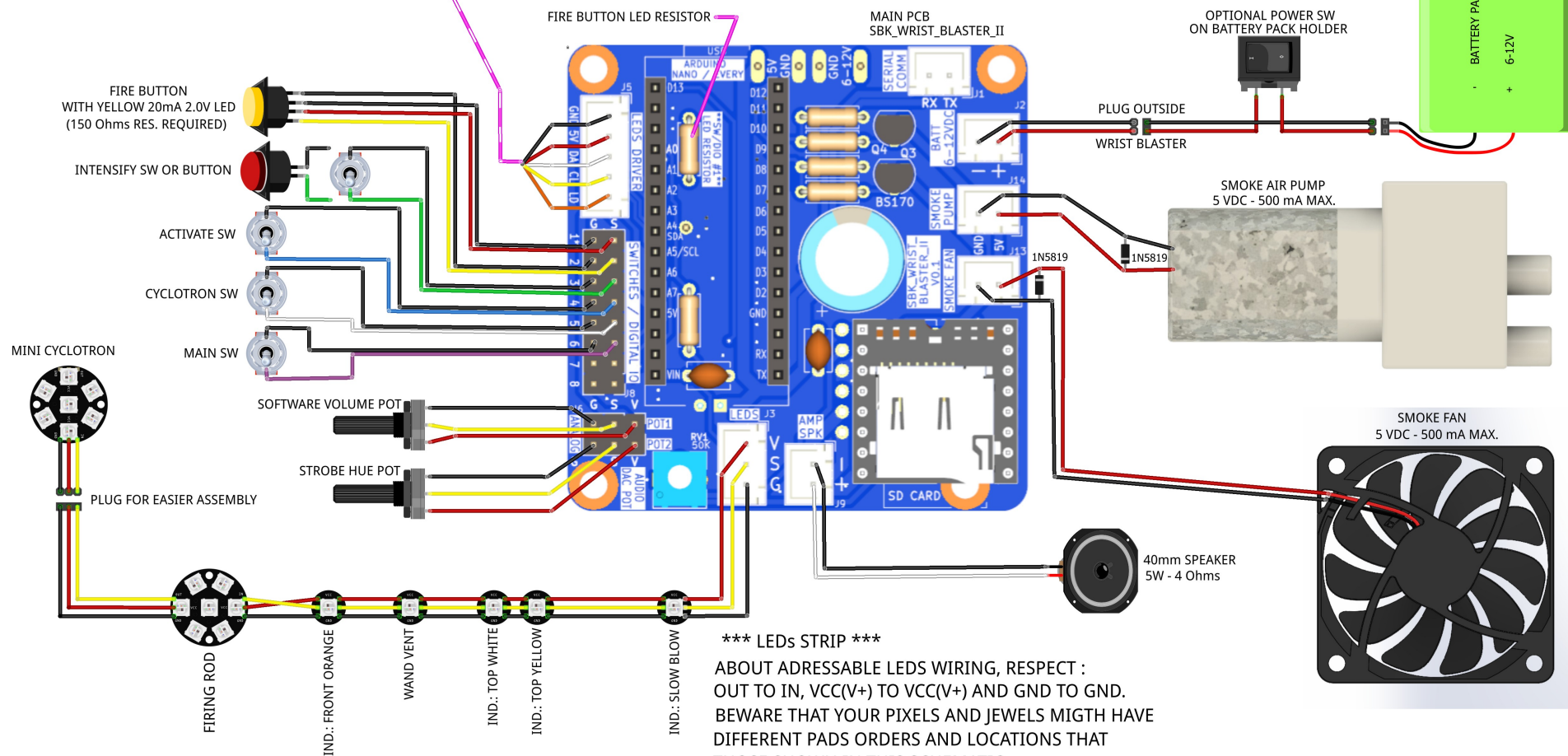


COMMON ANODE SA

BAR METER DRIVER PCB : SBK_WB_BG_SA_DR
LEDs DRIVER : MAX7221
BAR METER HOLDER PCB : SBK_WB_BG_28SEG
BAR METER : BL28Z-3005SA04Y



THIS RESISTOR MUST BE SET ACCORDING TO BAR METER FORWARD VOLTAGE
(27 kohms FOR THE YELLOW BL28Z3005xx04Y)



*** LEDs STRIP ***

ABOUT ADRESSABLE LEDs WIRING, RESPECT :
OUT TO IN, VCC(V+) TO VCC(V+) AND GND TO GND.
BEWARE THAT YOUR PIXELS AND JEWELS MIGHT HAVE
DIFFERENT PADS ORDERS AND LOCATIONS THAT
THOSE SHOWN IN THIS SCHEMATIC.