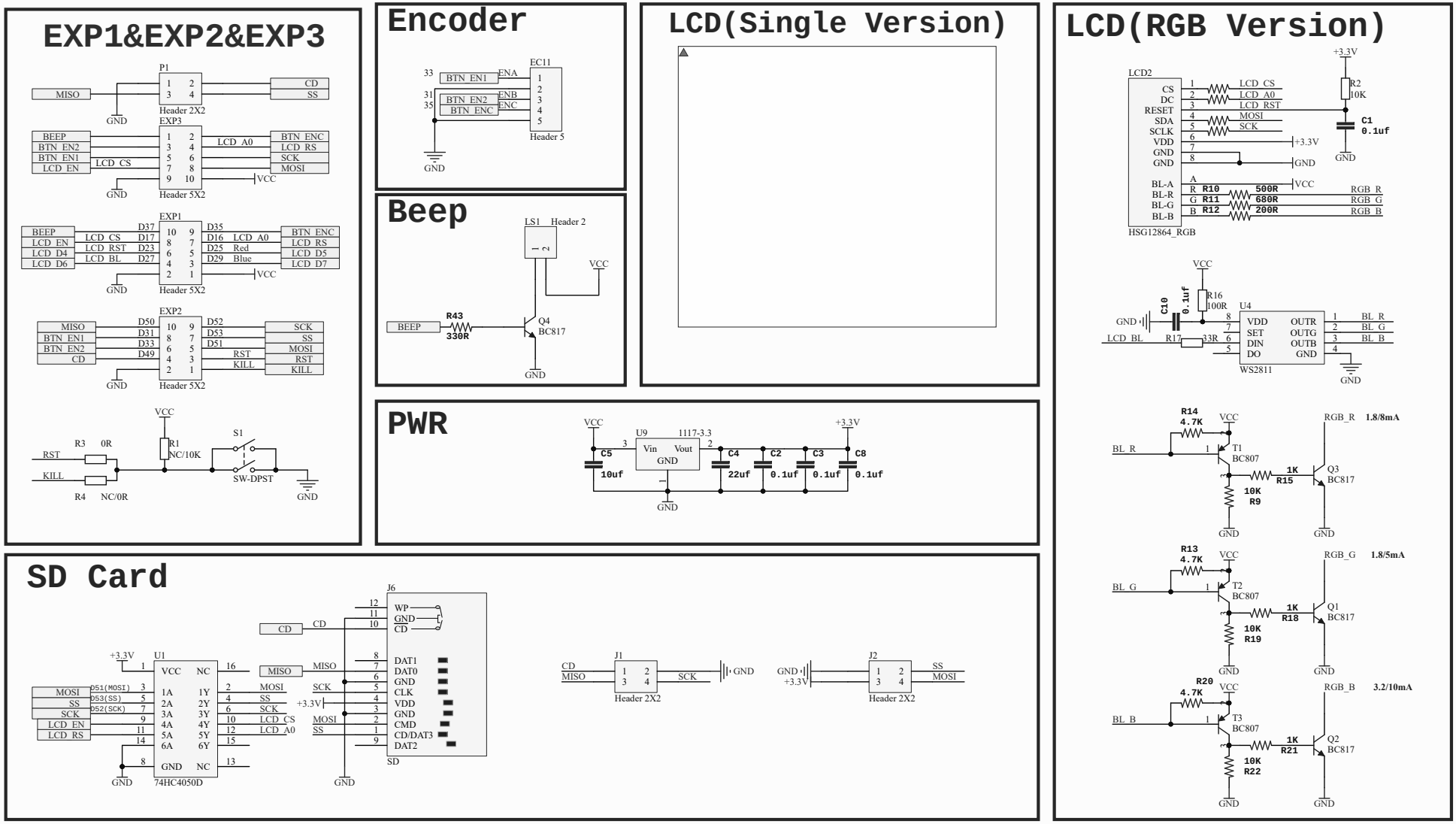
EXP1&EXP2&EXP3
P1
MISO
CD
SS
Header 2X2
EXP3
BEEP
BTN_EN2
BTN_EN1
LCD_EN
LCD_CS
LCD_A0
BTN_ENC
LCD_RS
SCK
MOSI
Header 5X2
EXP1
LCD_RST
LCD_BL
D37
D17
D23
D27
D35
D16
D25
D29
Red
Blue
LCD_D4
LCD_D5
LCD_D6
LCD_D7
EXP2
D50
D31
D33
D49
D52
D53
D51
RST
KILL
R3 0R
R1 NC/10K
R4 NC/0R
S1
SW-DPST
VCC
GND
Encoder
EC11
33
31
35
ENA
ENB
ENC
Header 5
Beep
LS1 Header 2
R43
330R
Q4
BC817
LCD(Single Version)
PWR
U9
1117-3.3
Vin
Vout
C5
10uf
C4
22uf
C2
0.1uf
C3
0.1uf
C8
0.1uf
+3.3V
SD Card
U1
74HC4050D
J6
SD
WP
DAT1
DAT0
CLK
CMD
CD/DAT3
DAT2
J1
J2
LCD(RGB Version)
LCD2
HSG12864_RGB
CS
DC
RESET
SDA
SCLK
VDD
BL-A
BL-R
BL-G
BL-B
R2
10K
C1
0.1uf
R10
500R
R11
680R
R12
200R
RGB_R
RGB_G
RGB_B
R16
100R
C10
R17
33R
U4
WS2811
VDD
SET
DIN
DO
OUTR
OUTG
OUTB
R14
4.7K
R15
1K
R9
10K
T1
Q3
1.8/8mA
R13
R18
R19
T2
Q1
R20
R21
R22
T3
Q2
3.2/10mA
BC807
BC817