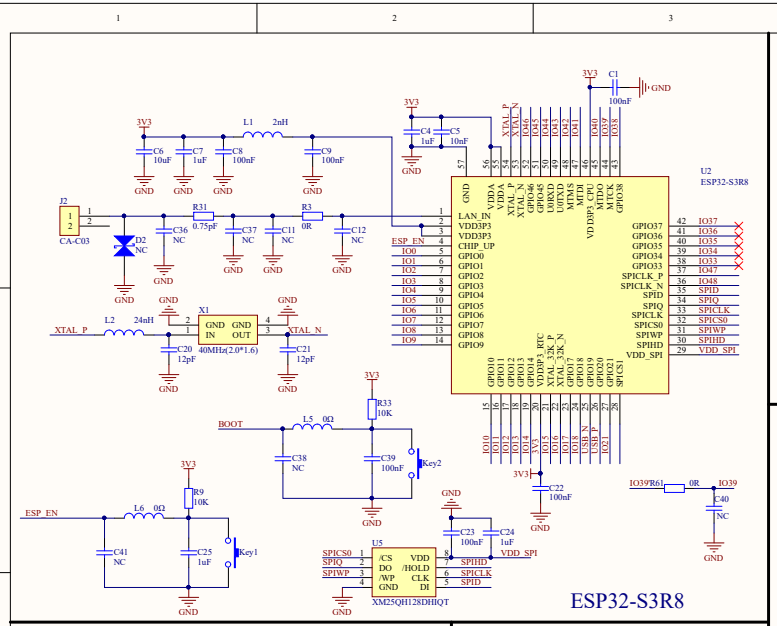
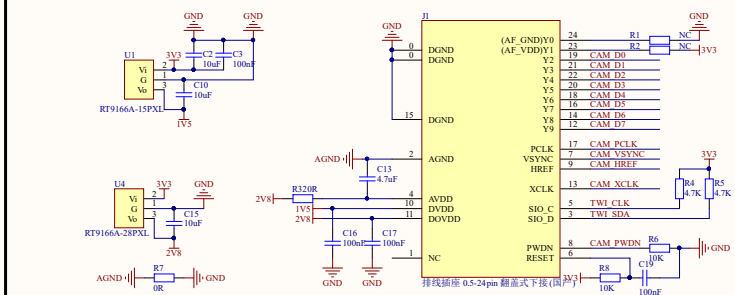
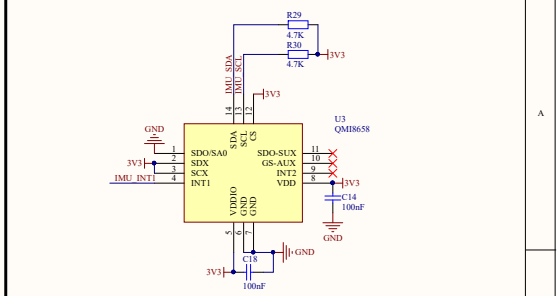
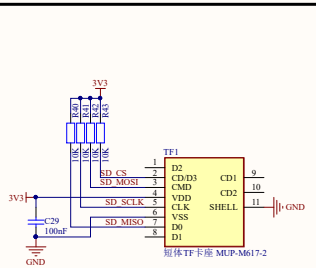
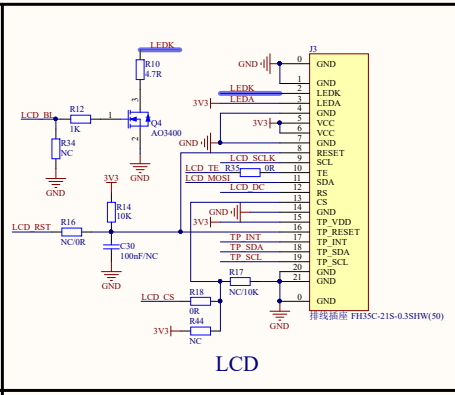
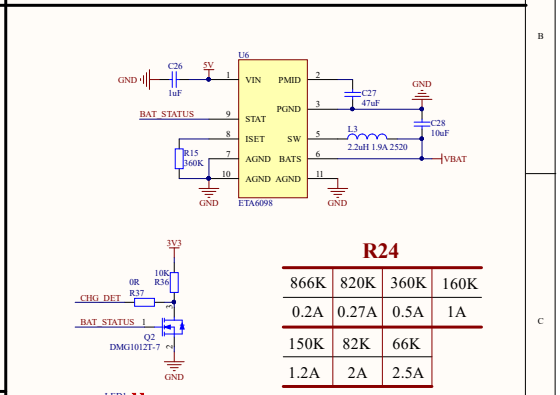






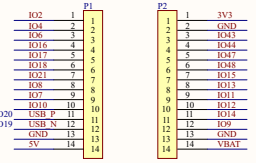




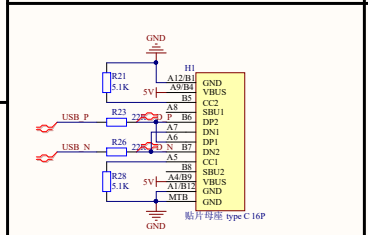


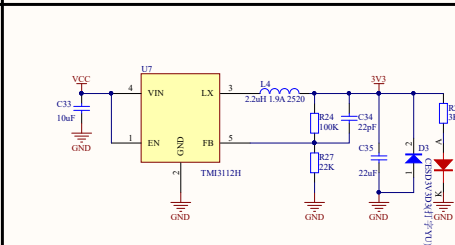
R24			
866K	820K	360K	160K
0.2A	0.27A	0.5A	1A
150K	82K	66K	
1.2A	2A	2.5A	

GPIO	Camera	LCD	SD_Card	Other	PinOut
IO0		LCD_RST		BOOT	
IO1		LCD_BL			
IO2	CAM_D7				IO2
IO3		LCD_TE		IMU_INT1	
IO4	CAM_HREF				IO4
IO5				BAT_ADC	
IO6	CAM_VSYNC				IO6
IO7	CAM_D6				IO7
IO8	CAM_XCLK				IO8
IO9	CAM_PCLK				IO9
IO10	CAM_D5				IO10
IO11	CAM_D3				IO11
IO12	CAM_D0				IO12
IO13	CAM_D1				IO13
IO14	CAM_D4				IO14
IO15	CAM_D2				IO15
IO16	TWI_CLK				IO16
IO17	CAM_PWDN				IO17
IO18				CHG_DET	IO18
IO19				USB_N	IO19
IO20				USB_P	IO20
IO21	TWI_SDA				IO21
IO33					
IO34					
IO35					
IO36					
IO37					
IO38		LCD_MOSI	SD_MOSI		
IO39		LCD_SCLK	SD_SCLK		
IO40			SD_MISO		
IO41			SD_CS		
IO42		LCD_DC			
IO43				U0_TXD	IO43
IO44				U0_RXD	IO44
IO45		LCD_CS			
IO46		TP_INT			
IO47		TP_SCL		IMU_SCL	IO47
IO48		TP_SDA		IMU_SDA	IO48

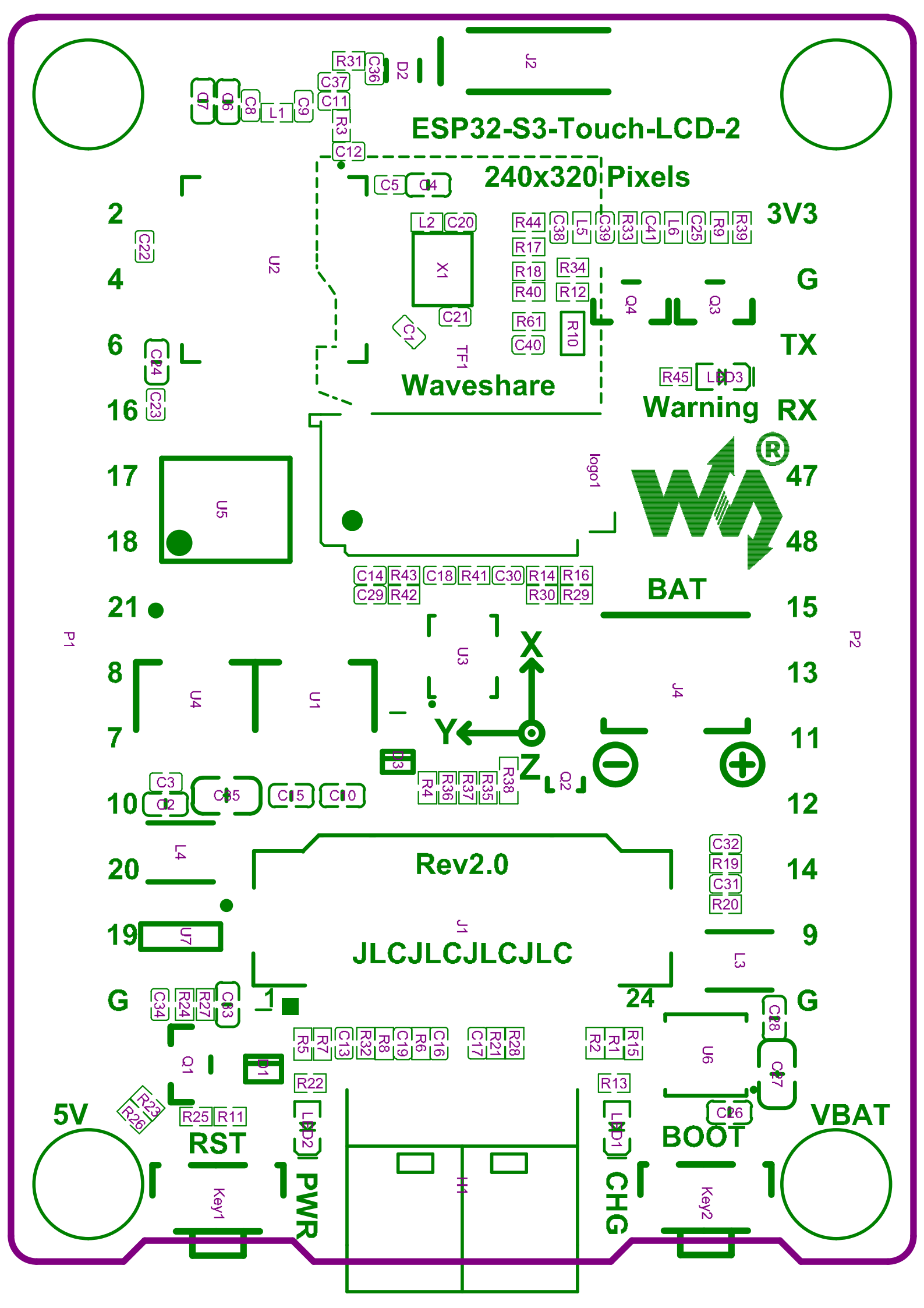








ESP32-S3-Touch-LCD-2 V2


ESP32-S3-Touch-LCD-2
240x320 Pixels
Waveshare
Rev2.0
JLCJLCJLCJLC
Warning
BAT
3V3
G
TX
RX
5V
VBAT
RST
BOOT
PWR
CHG
X
Y
Z
2
4
6
16
17
18
21
8
7
10
20
19
G
1
24
47
48
15
13
11
12
14
9
G
P1
P2
J2
J1
J4
U1
U2
U3
U4
U5
U6
U7
X1
TF1
Q1
Q2
Q3
Q4
L1
L2
L3
L4
L5
L6
D1
D2
D3
LED1
LED2
LED3
H1
Key1
Key2
logo1


21
1