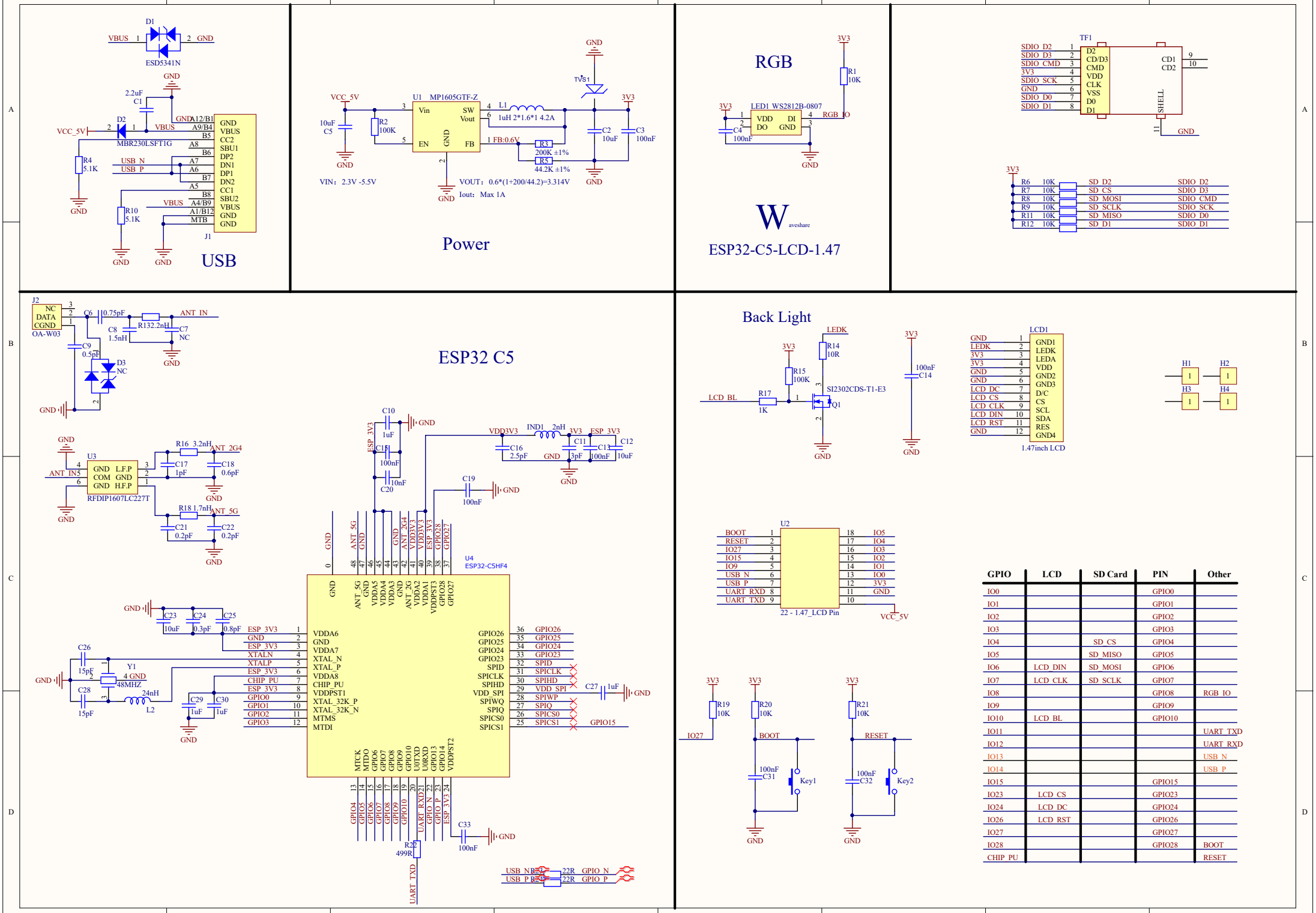
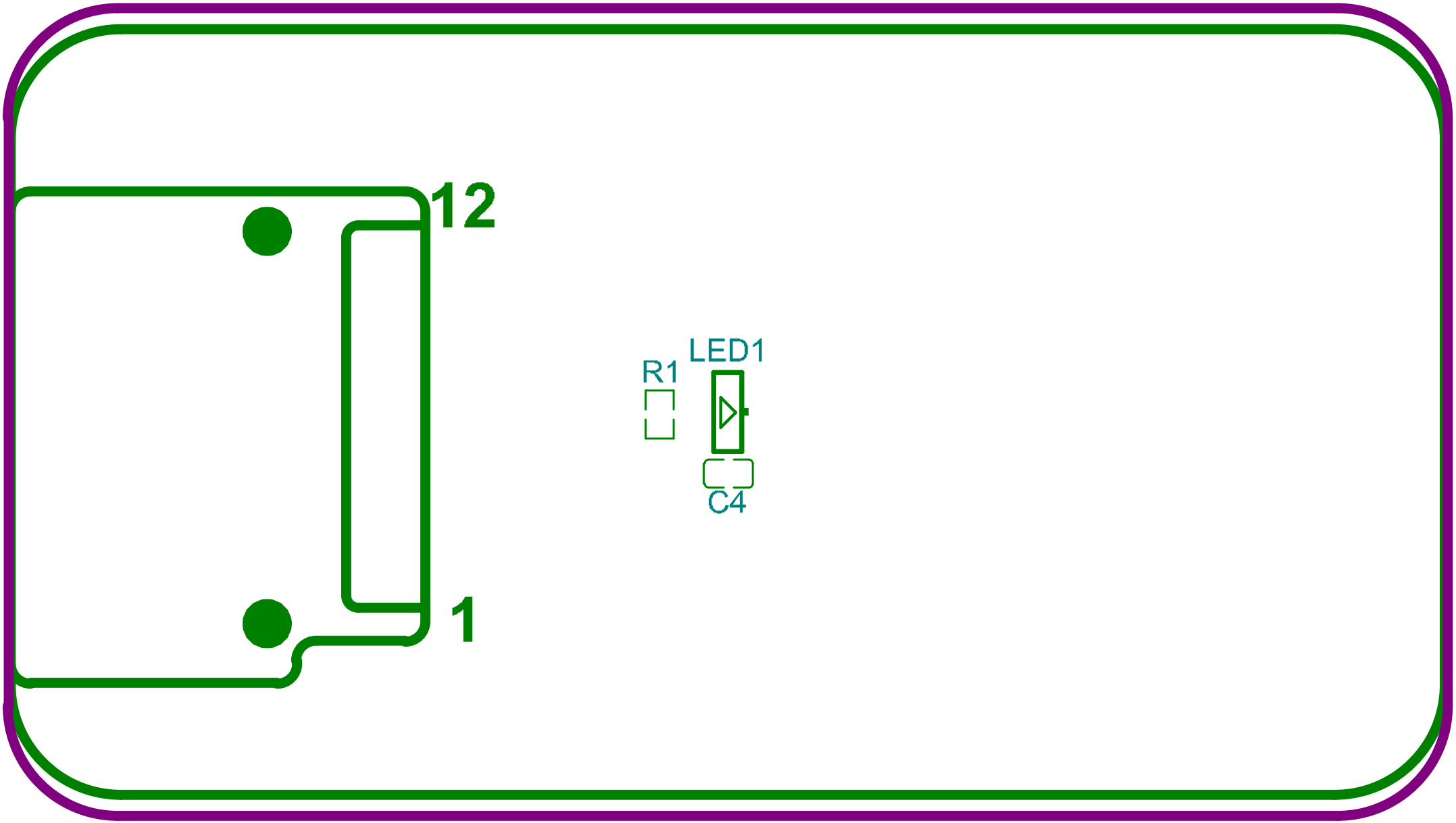
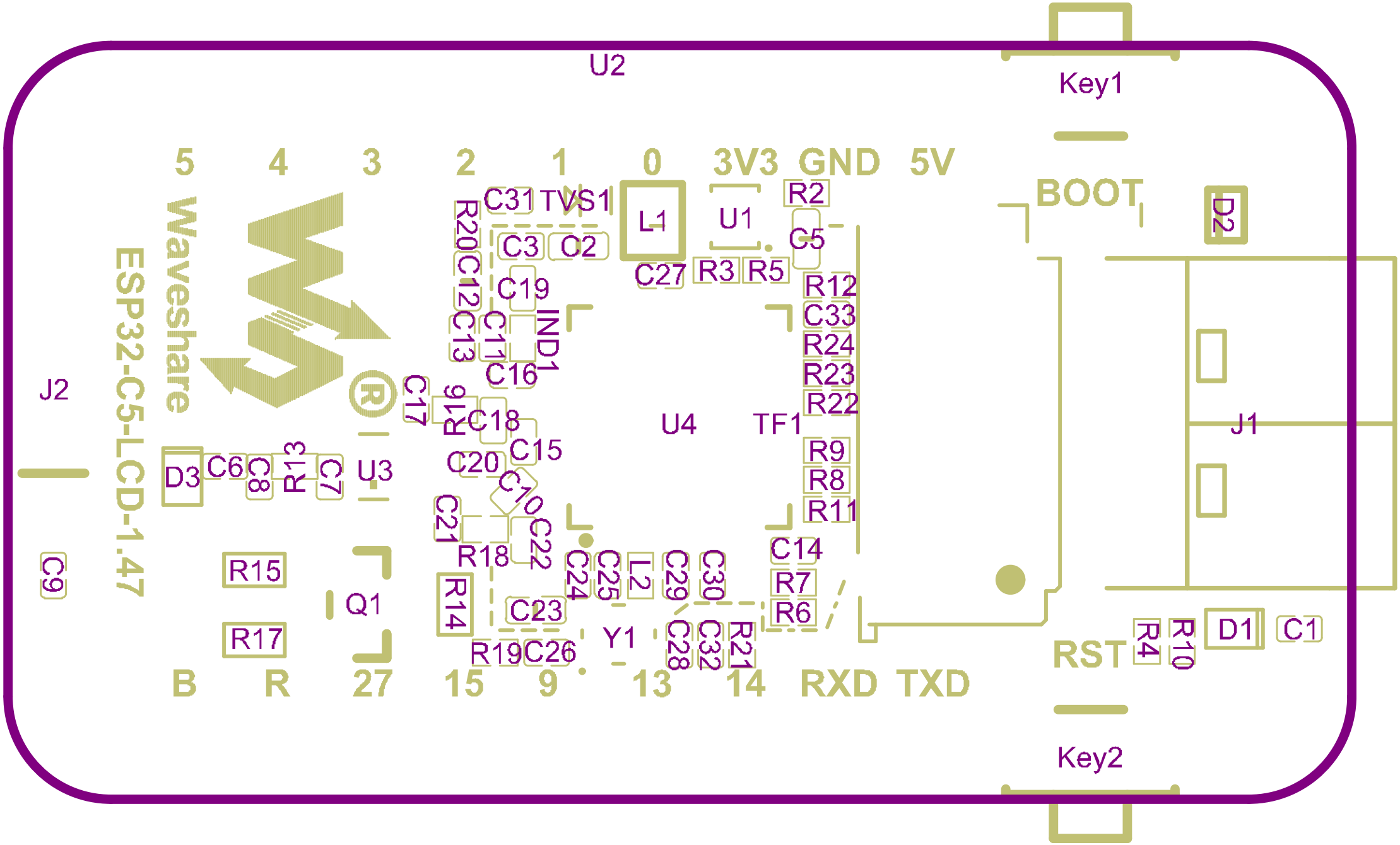


GPIO	LCD	SD Card	PIN	Other
IO0			GPIO0	
IO1			GPIO1	
IO2			GPIO2	
IO3			GPIO3	
IO4		SD_CS	GPIO4	
IO5		SD_MISO	GPIO5	
IO6	LCD_DIN	SD_MOSI	GPIO6	
IO7	LCD_CLK	SD_SCLK	GPIO7	
IO8			GPIO8	RGB_IO
IO9			GPIO9	
IO10	LCD_BL		GPIO10	
IO11				UART_TXD
IO12				UART_RXD
IO13				USB_N
IO14				USB_P
IO15			GPIO15	
IO23	LCD_CS		GPIO23	
IO24	LCD_DC		GPIO24	
IO26	LCD_RST		GPIO26	
IO27			GPIO27	
IO28			GPIO28	BOOT
CHIP_PU				RESET


12
1
R1
LED1
C4


U2
Key1
5
4
3
2
1
0
3V3
GND
5V
BOOT
Waveshare
ESP32-C5-LCD-1.47
C31
TVS1
L1
U1
R2
C5
D2
R20
C3
C2
C27
R3
R5
C12
C19
R12
C13
C11
IND1
C33
R24
C16
R23
R22
J2
C17
R16
C18
U4
TF1
J1
C15
R9
D3
C6
C8
R13
C7
U3
C20
C10
R8
R11
C21
C22
C14
R18
C24
C25
L2
C29
C30
R7
C9
R15
Q1
R14
C23
R6
Y1
C28
C32
R21
R4
R10
D1
C1
R17
R19
C26
RST
B
R
27
15
9
13
14
RXD
TXD
Key2