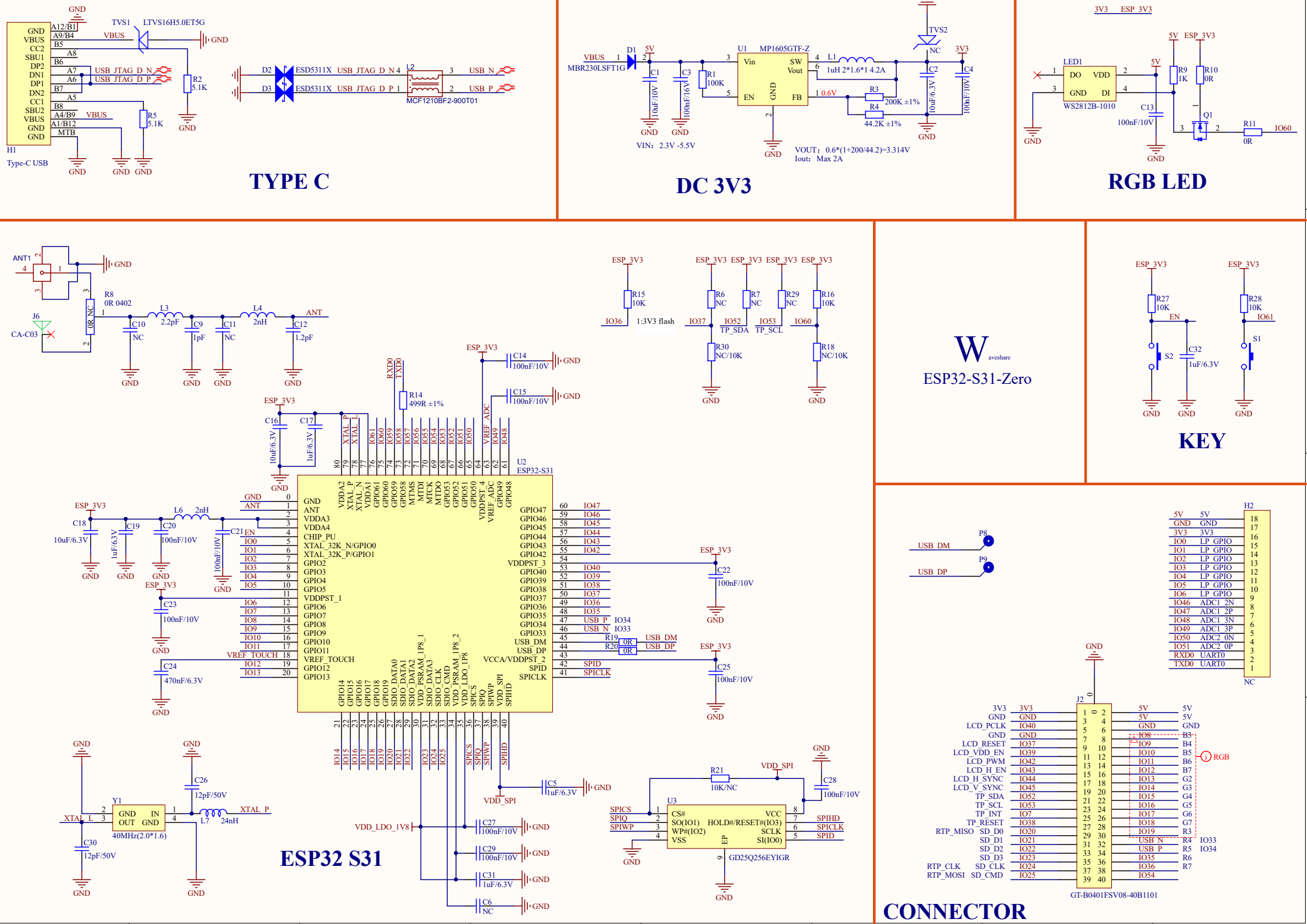
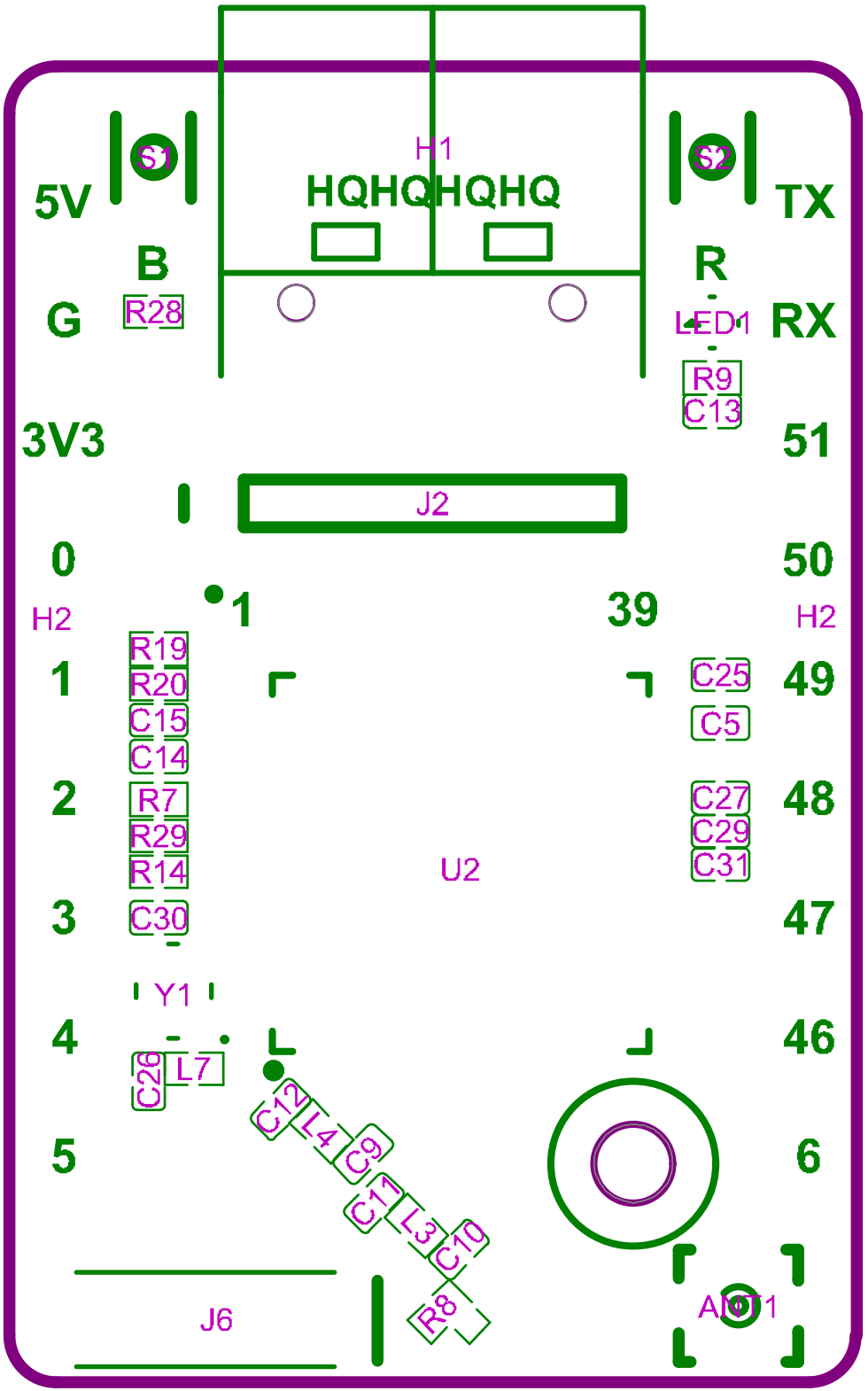
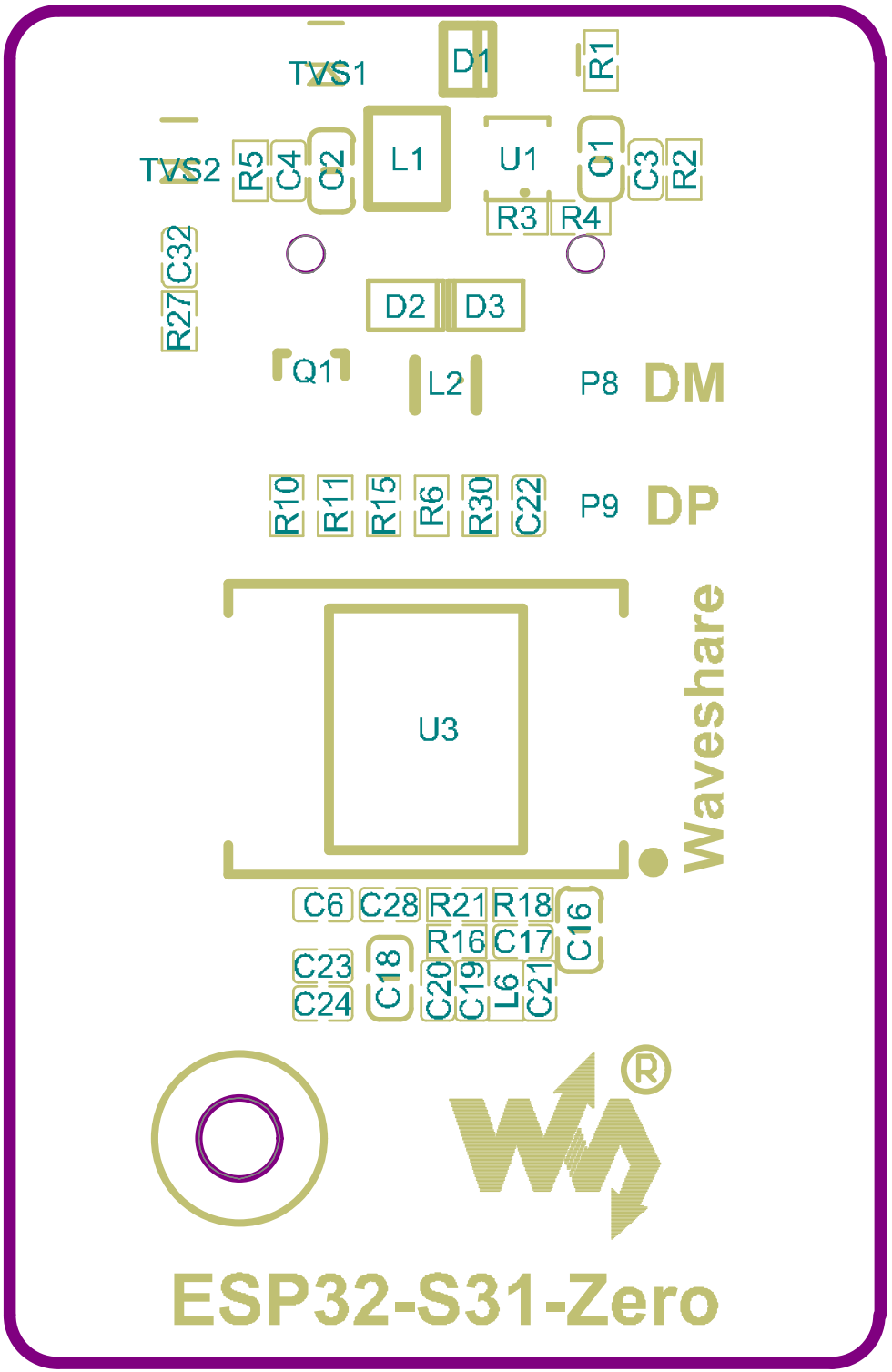

TYPE C
DC 3V3
RGB LED
ESP32-S31-Zero
KEY
ESP32 S31
CONNECTOR


H1
HQHQHQHQ
S1
S2
5V
TX
B
R
G
R28
LED1
RX
R9
C13
3V3
51
J2
0
50
H2
1
39
H2
R19
R20
C15
C14
1
49
C25
C5
2
R7
R29
R14
48
C27
C29
C31
U2
3
C30
47
Y1
4
46
C26
L7
C12
L4
C9
5
6
C11
L3
C10
R8
J6
ANT1


TVS1
D1
R1
TVS2
R5
C4
C2
L1
U1
Q1
C3
R2
R3
R4
C32
R27
D2
D3
Q1
L2
P8
DM
R10
R11
R15
R6
R30
C22
P9
DP
U3
Waveshare
C6
C28
R21
R18
C16
R16
C17
C23
C24
C18
C20
C19
L6
C21
ESP32-S31-Zero