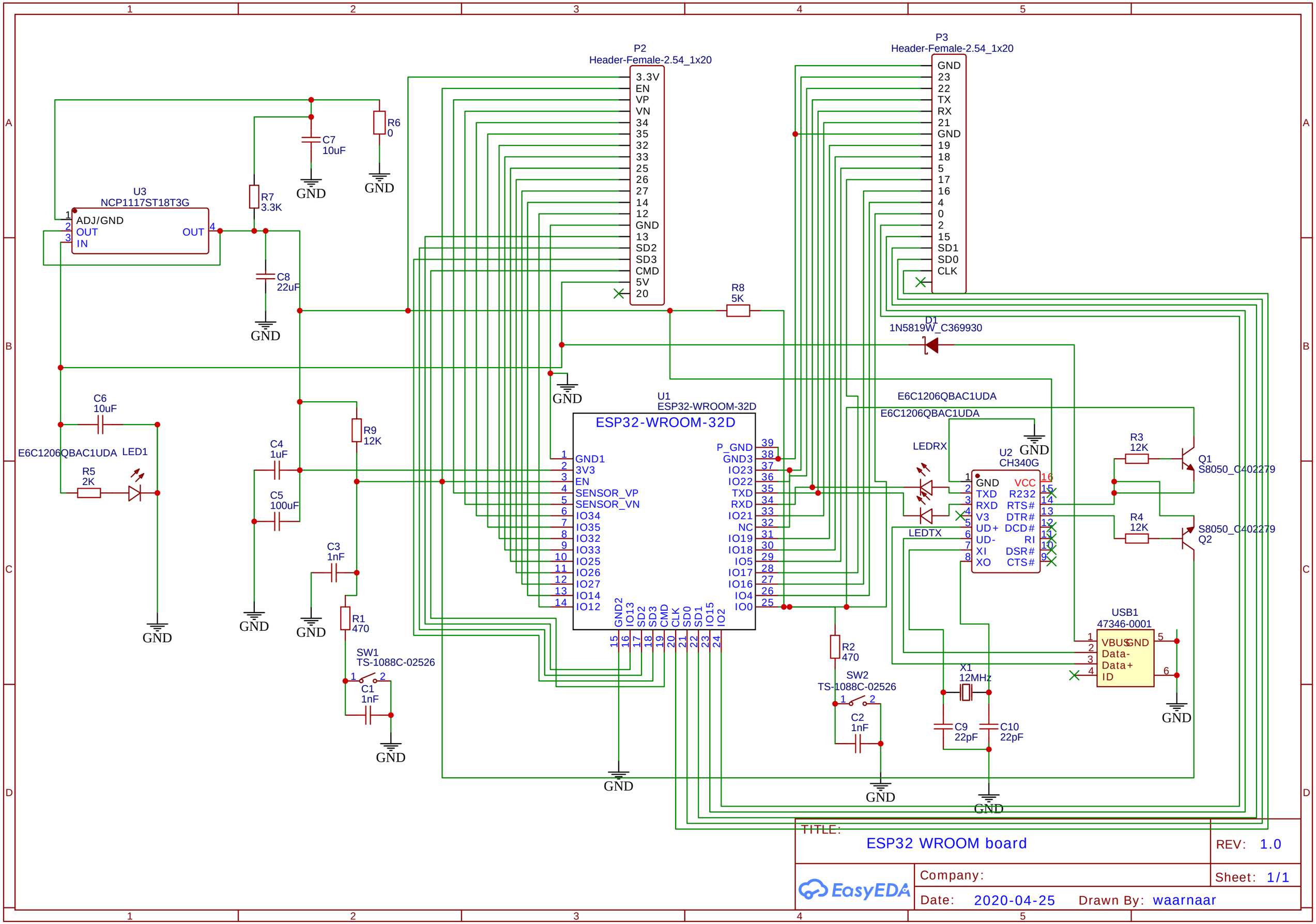
P2
Header-Female-2.54_1x20
3.3V
EN
VP
VN
34
35
32
33
25
26
27
14
12
GND
13
SD2
SD3
CMD
5V
20
P3
Header-Female-2.54_1x20
GND
23
22
TX
RX
21
GND
19
18
5
17
16
4
0
2
15
SD1
SD0
CLK
U3
NCP1117ST18T3G
ADJ/GND
OUT
IN
OUT
R6
0
C7
10uF
R7
3.3K
C8
22uF
R8
5K
D1
1N5819W_C369930
U1
ESP32-WROOM-32D
ESP32-WROOM-32D
GND1
3V3
EN
SENSOR_VP
SENSOR_VN
IO34
IO35
IO32
IO33
IO25
IO26
IO27
IO14
IO12
GND2
IO13
SD2
SD3
CMD
CLK
SD0
SD1
IO15
IO2
P_GND
GND3
IO23
IO22
TXD
RXD
IO21
NC
IO19
IO18
IO5
IO17
IO16
IO4
IO0
E6C1206QBAC1UDA
E6C1206QBAC1UDA
LEDRX
LEDTX
U2
CH340G
GND
TXD
RXD
V3
UD+
UD-
XI
XO
VCC
R232
RTS#
DTR#
DCD#
RI
DSR#
CTS#
R3
12K
Q1
S8050_C402279
R4
12K
S8050_C402279
Q2
USB1
47346-0001
VBUS
Data-
Data+
ID
GND
C6
10uF
E6C1206QBAC1UDA
LED1
R5
2K
C4
1uF
C5
100uF
C3
1nF
R9
12K
R1
470
SW1
TS-1088C-02526
C1
1nF
R2
470
SW2
TS-1088C-02526
C2
1nF
X1
12MHz
C9
22pF
C10
22pF
TITLE:
ESP32 WROOM board
REV: 1.0
Company:
Sheet: 1/1
Date: 2020-04-25
Drawn By: waarnaar
EasyEDA