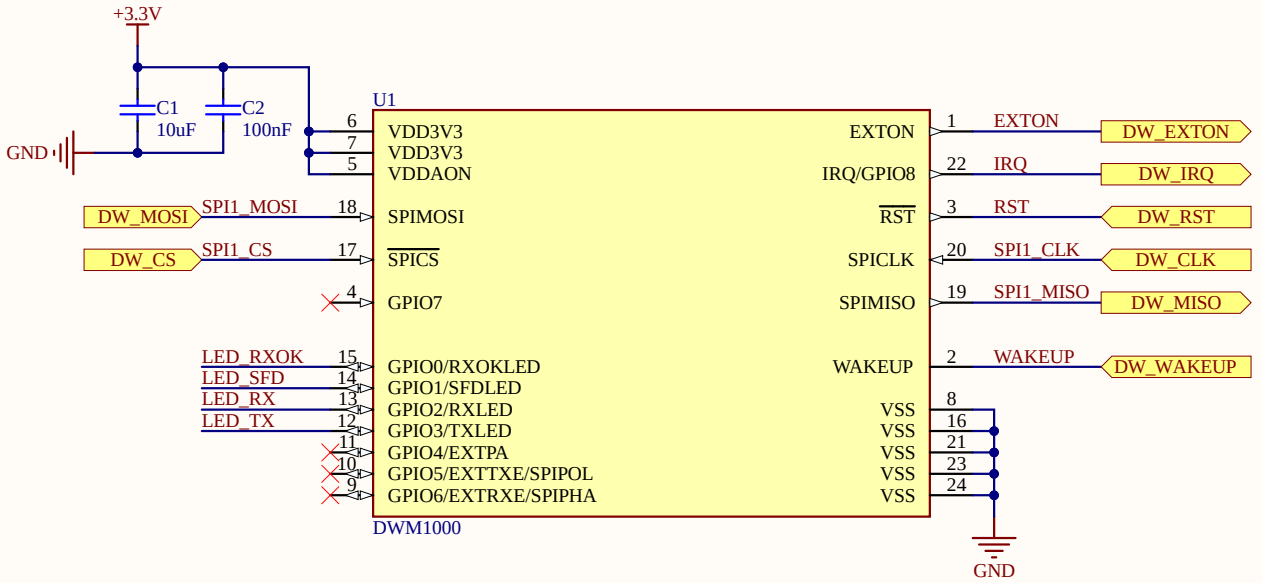

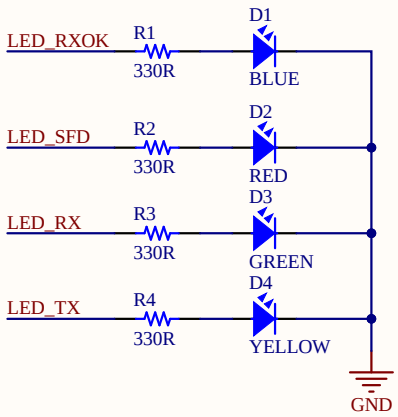

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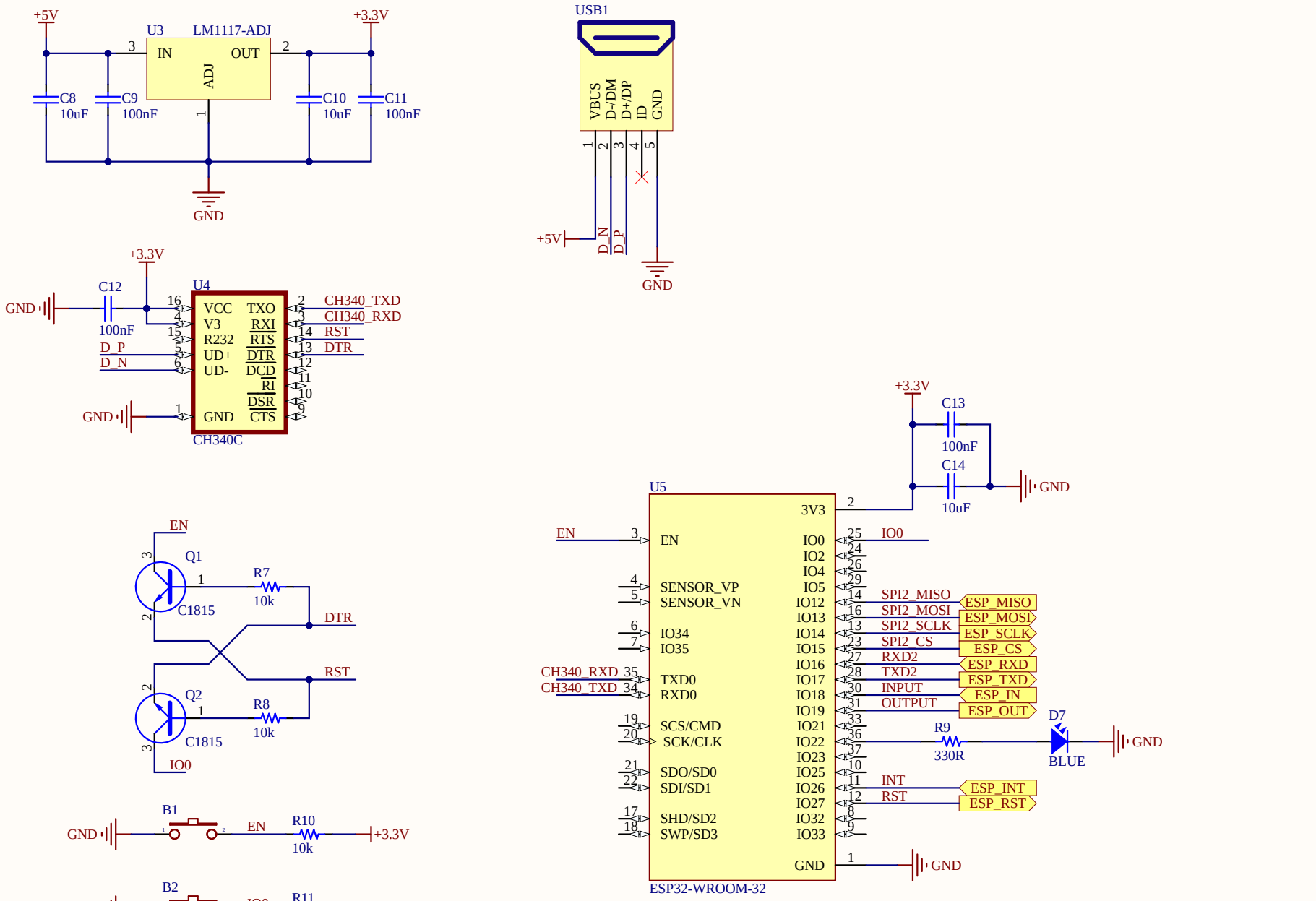
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U3
LM1117-ADJ
IN
OUT
ADJ
+3.3V
C8
10uF
C9
100nF
C10
10uF
C11
100nF
GND
USB1
VBUS
D-/DM
D+/DP
ID
GND
+5V
D_N
D_P
GND
+3.3V
C12
100nF
U4
VCC
V3
R232
UD+
UD-
TXO
RXI
RTS
DTR
DCD
RI
DSR
CTS
GND
CH340_TXD
CH340_RXD
RST
DTR
D_P
D_N
GND
CH340C
EN
Q1
C1815
R7
10k
DTR
RST
Q2
C1815
R8
10k
IO0
B1
GND
EN
R10
10k
+3.3V
B2
GND
IO0
R11
10k
+3.3V
+3.3V
C13
100nF
C14
10uF
GND
U5
3V3
EN
SENSOR_VP
SENSOR_VN
IO34
IO35
TXD0
RXD0
SCS/CMD
SCK/CLK
SDO/SD0
SDI/SD1
SHD/SD2
SWP/SD3
IO0
IO2
IO4
IO5
IO12
IO13
IO14
IO15
IO16
IO17
IO18
IO19
IO21
IO22
IO23
IO25
IO26
IO27
IO32
IO33
GND
SPI2_MISO
SPI2_MOSI
SPI2_SCLK
SPI2_CS
RXD2
TXD2
INPUT
OUTPUT
INT
RST
ESP_MISO
ESP_MOSI
ESP_SCLK
ESP_CS
ESP_RXD
ESP_TXD
ESP_IN
ESP_OUT
ESP_INT
ESP_RST
CH340_RXD
CH340_TXD
D7
R9
330R
BLUE
GND
GND
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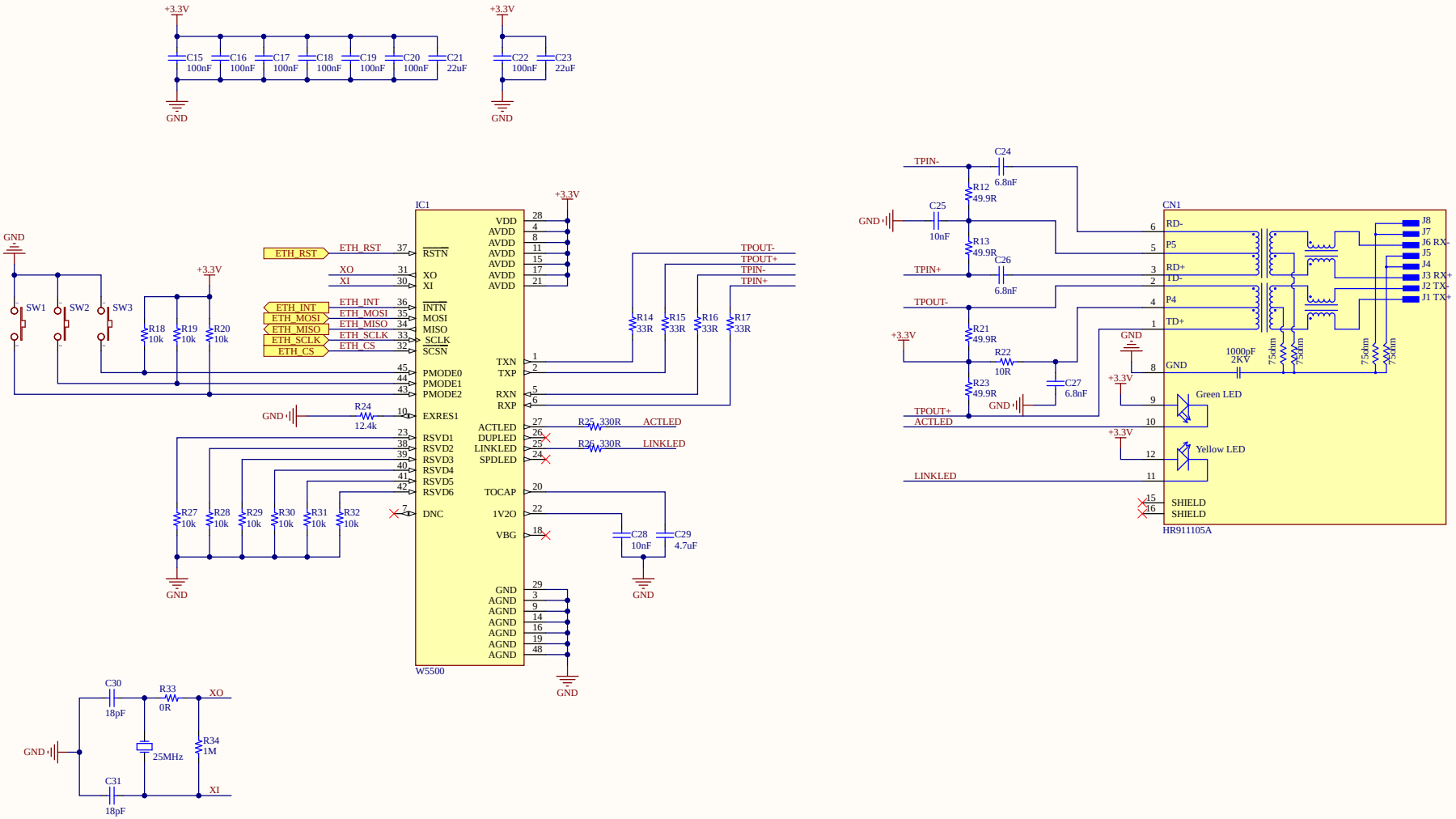

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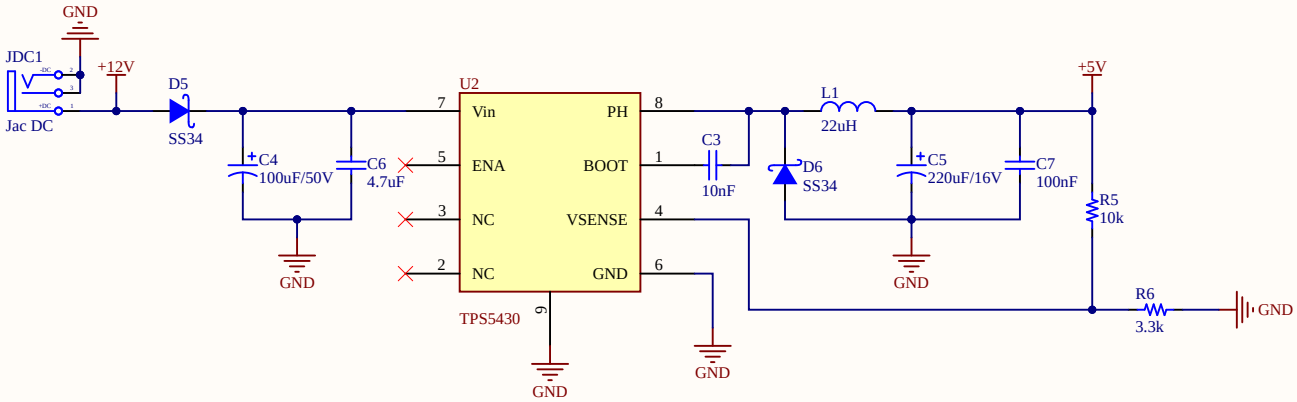

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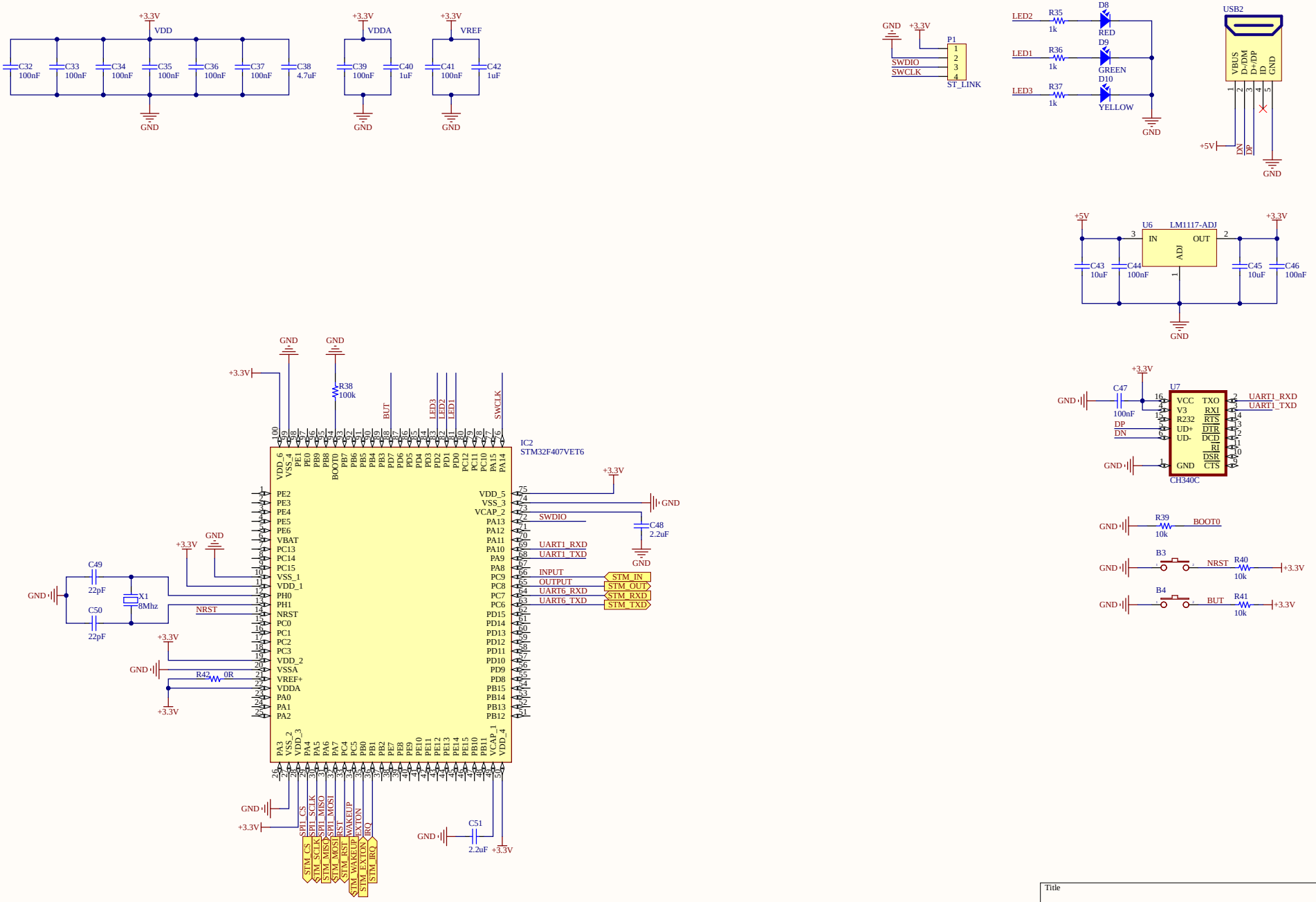

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