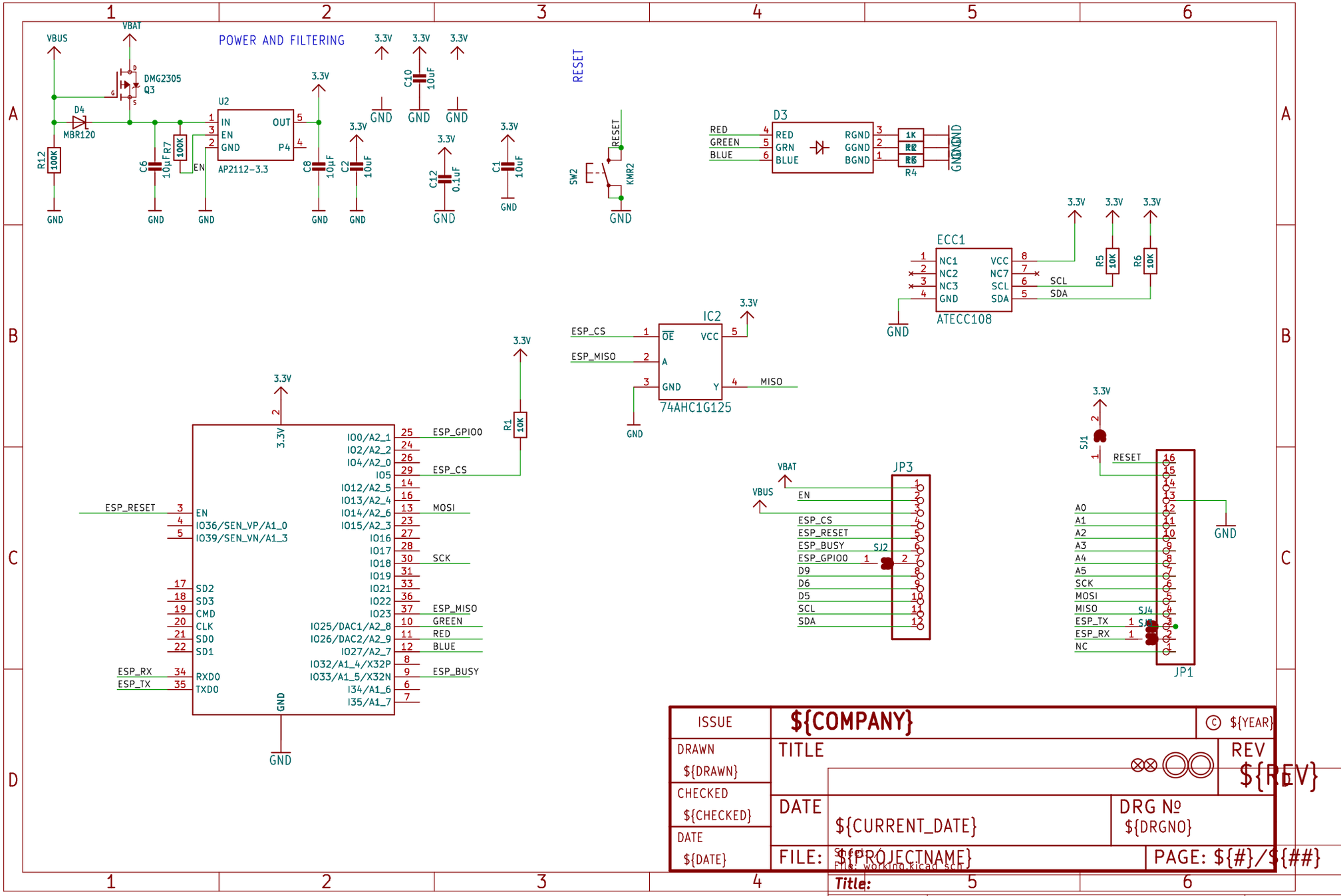
POWER AND FILTERING
VBUS
VBAT
DMG2305
Q3
D4
MBR120
R12
100K
U2
IN
EN
GND
OUT
P4
AP2112-3.3
R7
100K
C6
10µF
C8
10µF
C2
10uF
C10
10uF
C12
0.1uF
C1
10uF
3.3V
GND
RESET
SW2
KMR2
D3
RED
GRN
BLUE
RGND
GGND
BGND
R4
1K
ECC1
NC1
NC2
NC3
GND
VCC
NC7
SCL
SDA
ATECC108
R5
10K
R6
10K
IC2
OE
A
Y
74AHC1G125
ESP_CS
ESP_MISO
MISO
R1
10K
EN
IO36/SEN_VP/A1_0
IO39/SEN_VN/A1_3
SD2
SD3
CMD
CLK
SD0
SD1
RXD0
TXD0
ESP_RESET
ESP_RX
ESP_TX
IO0/A2_1
IO2/A2_2
IO4/A2_0
IO5
IO12/A2_5
IO13/A2_4
IO14/A2_6
IO15/A2_3
IO16
IO17
IO18
IO19
IO21
IO22
IO23
IO25/DAC1/A2_8
IO26/DAC2/A2_9
IO27/A2_7
IO32/A1_4/X32P
IO33/A1_5/X32N
IO34/A1_6
IO35/A1_7
ESP_GPIO0
MOSI
SCK
GREEN
BLUE
ESP_BUSY
JP3
EN
D9
D6
D5
SCL
SDA
SJ2
SJ1
SJ4
JP1
A0
A1
A2
A3
A4
A5
NC
ISSUE
${COMPANY}
© ${YEAR}
DRAWN
${DRAWN}
TITLE
REV
${REV}
CHECKED
${CHECKED}
DATE
${CURRENT_DATE}
DRG №
${DRGNO}
DATE
${DATE}
FILE: ${PROJECTNAME}
PAGE: ${#}/${##}
Title:
Size: User
Date:
KiCad E.D.A. eeschema 7.0.6
Rev:
Id: 1/1