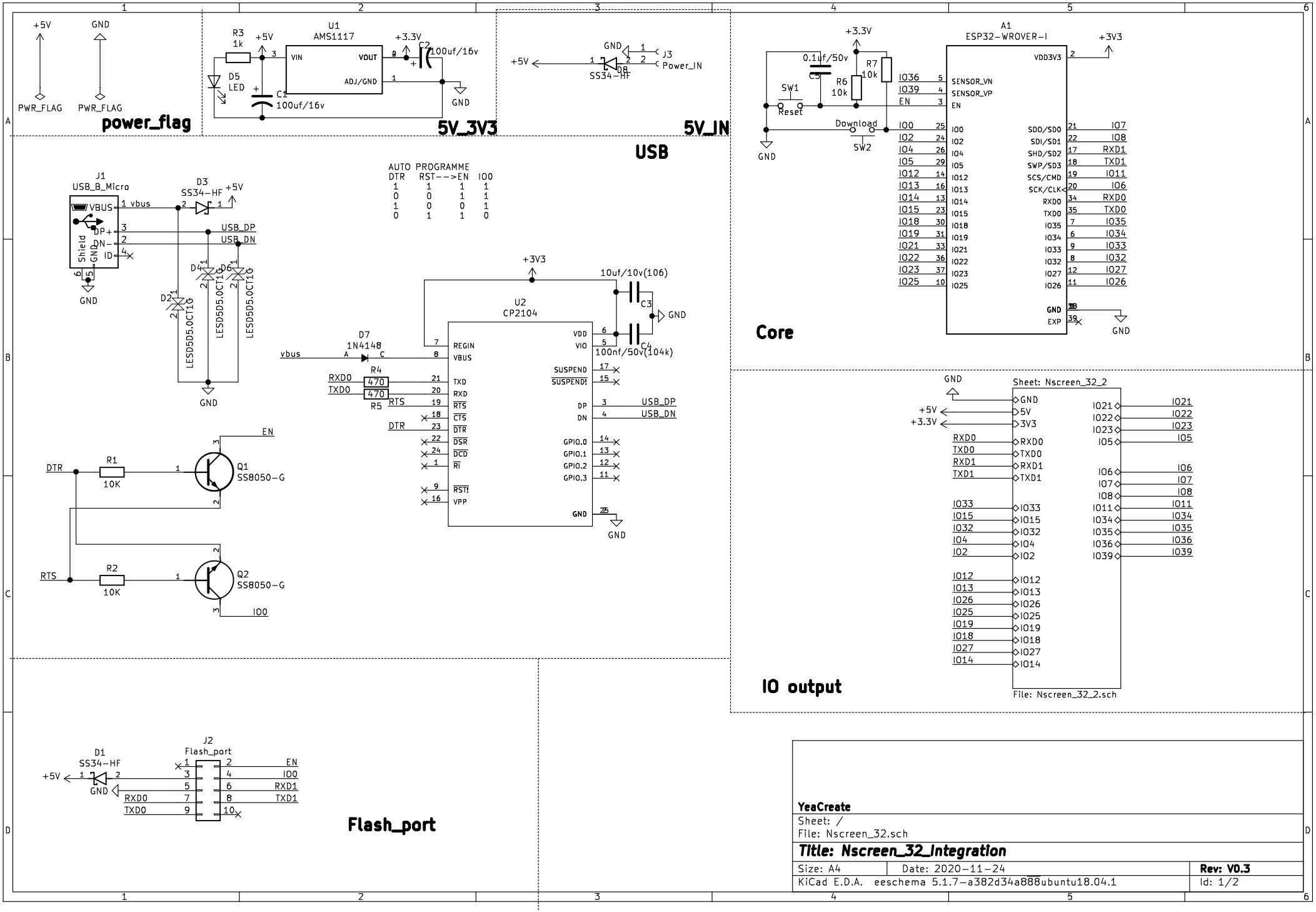
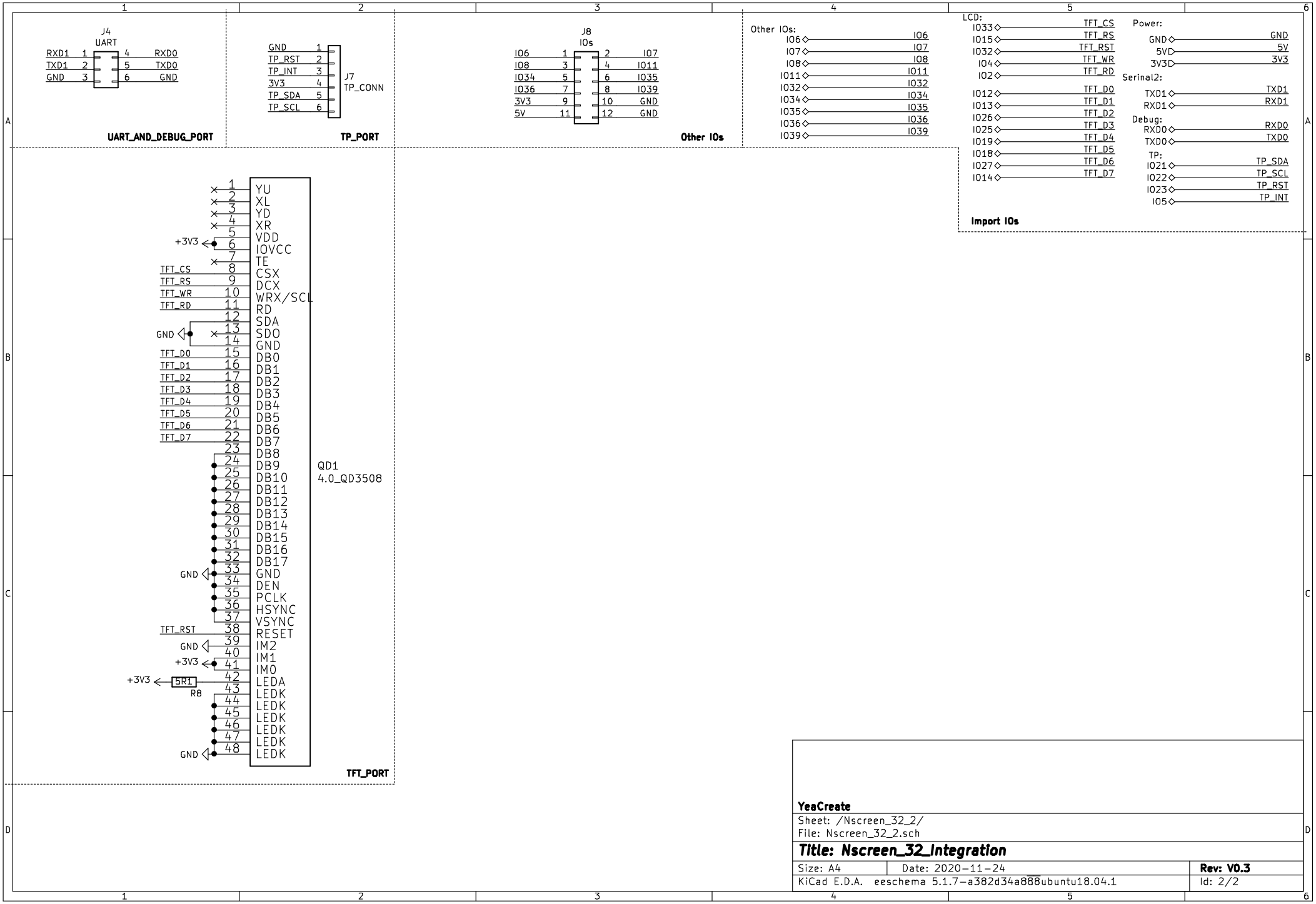

power_flag
5V_3V3
5V_IN
USB
Core
IO output
Flash_port
U1 AMS1117
U2 CP2104
A1 ESP32-WROVER-I
J1 USB_B_Micro
J2 Flash_port
J3 Power_IN
Q1 SS8050-G
Q2 SS8050-G
D7 1N4148
D1 SS34-HF
D3 SS34-HF
D8 SS34-HF
D5 LED
AUTO PROGRAMME
DTR RST-->EN IO0
1 1 1 1
0 0 1 1
1 0 0 1
0 1 1 0
Sheet: Nscreen_32_2
File: Nscreen_32_2.sch
YeaCreate
Sheet: /
File: Nscreen_32.sch
Title: Nscreen_32_Integration
Size: A4
Date: 2020-11-24
Rev: V0.3
KiCad E.D.A. eeschema 5.1.7-a382d34a888ubuntu18.04.1
Id: 1/2


J4
UART
RXD1 1 4 RXD0
TXD1 2 5 TXD0
GND 3 6 GND
UART_AND_DEBUG_PORT
GND 1
TP_RST 2
TP_INT 3
3V3 4
TP_SDA 5
TP_SCL 6
J7
TP_CONN
TP_PORT
J8
IOs
IO6 1 2 IO7
IO8 3 4 IO11
IO34 5 6 IO35
IO36 7 8 IO39
3V3 9 10 GND
5V 11 12 GND
Other IOs
Other IOs:
IO6 IO6
IO7 IO7
IO8 IO8
IO11 IO11
IO32 IO32
IO34 IO34
IO35 IO35
IO36 IO36
IO39 IO39
LCD:
IO33 TFT_CS
IO15 TFT_RS
IO32 TFT_RST
IO4 TFT_WR
IO2 TFT_RD
IO12 TFT_D0
IO13 TFT_D1
IO26 TFT_D2
IO25 TFT_D3
IO19 TFT_D4
IO18 TFT_D5
IO27 TFT_D6
IO14 TFT_D7
Power:
GND GND
5V 5V
3V3 3V3
Serinal2:
TXD1 TXD1
RXD1 RXD1
Debug:
RXD0 RXD0
TXD0 TXD0
TP:
IO21 TP_SDA
IO22 TP_SCL
IO23 TP_RST
IO5 TP_INT
Import IOs
YU 1
XL 2
YD 3
XR 4
VDD 5
IOVCC 6
TE 7
CSX 8
DCX 9
WRX/SCL 10
RD 11
SDA 12
SDO 13
GND 14
DB0 15
DB1 16
DB2 17
DB3 18
DB4 19
DB5 20
DB6 21
DB7 22
DB8 23
DB9 24
DB10 25
DB11 26
DB12 27
DB13 28
DB14 29
DB15 30
DB16 31
DB17 32
GND 33
DEN 34
PCLK 35
HSYNC 36
VSYNC 37
RESET 38
IM2 39
IM1 40
IM0 41
LEDA 42
LEDK 43
LEDK 44
LEDK 45
LEDK 46
LEDK 47
LEDK 48
QD1
4.0_QD3508
+3V3
TFT_CS
TFT_RS
TFT_WR
TFT_RD
GND
TFT_D0
TFT_D1
TFT_D2
TFT_D3
TFT_D4
TFT_D5
TFT_D6
TFT_D7
TFT_RST
5R1
R8
TFT_PORT
YeaCreate
Sheet: /Nscreen_32_2/
File: Nscreen_32_2.sch
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Date: 2020-11-24
Rev: V0.3
KiCad E.D.A. eeschema 5.1.7-a382d34a888ubuntu18.04.1
Id: 2/2