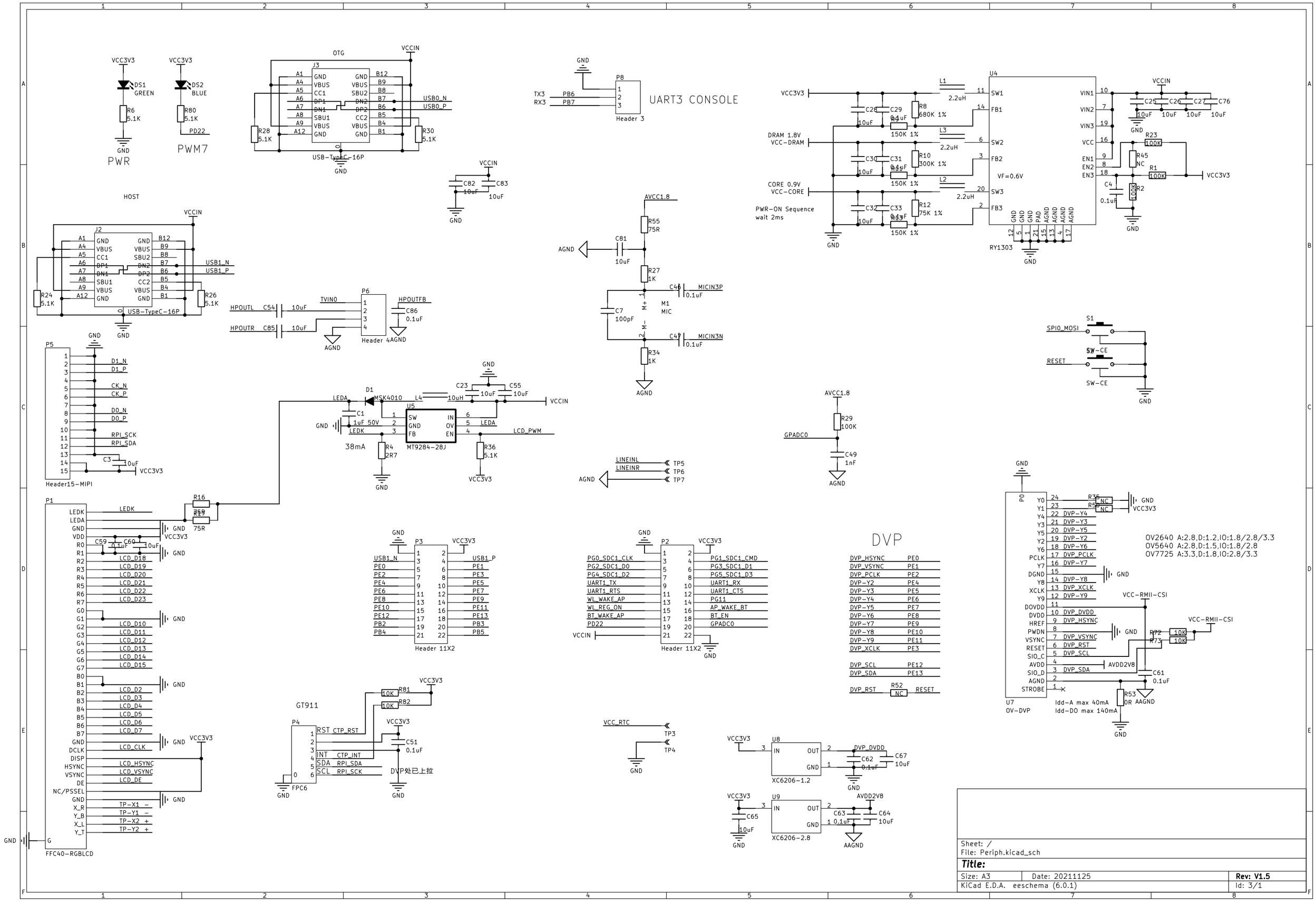
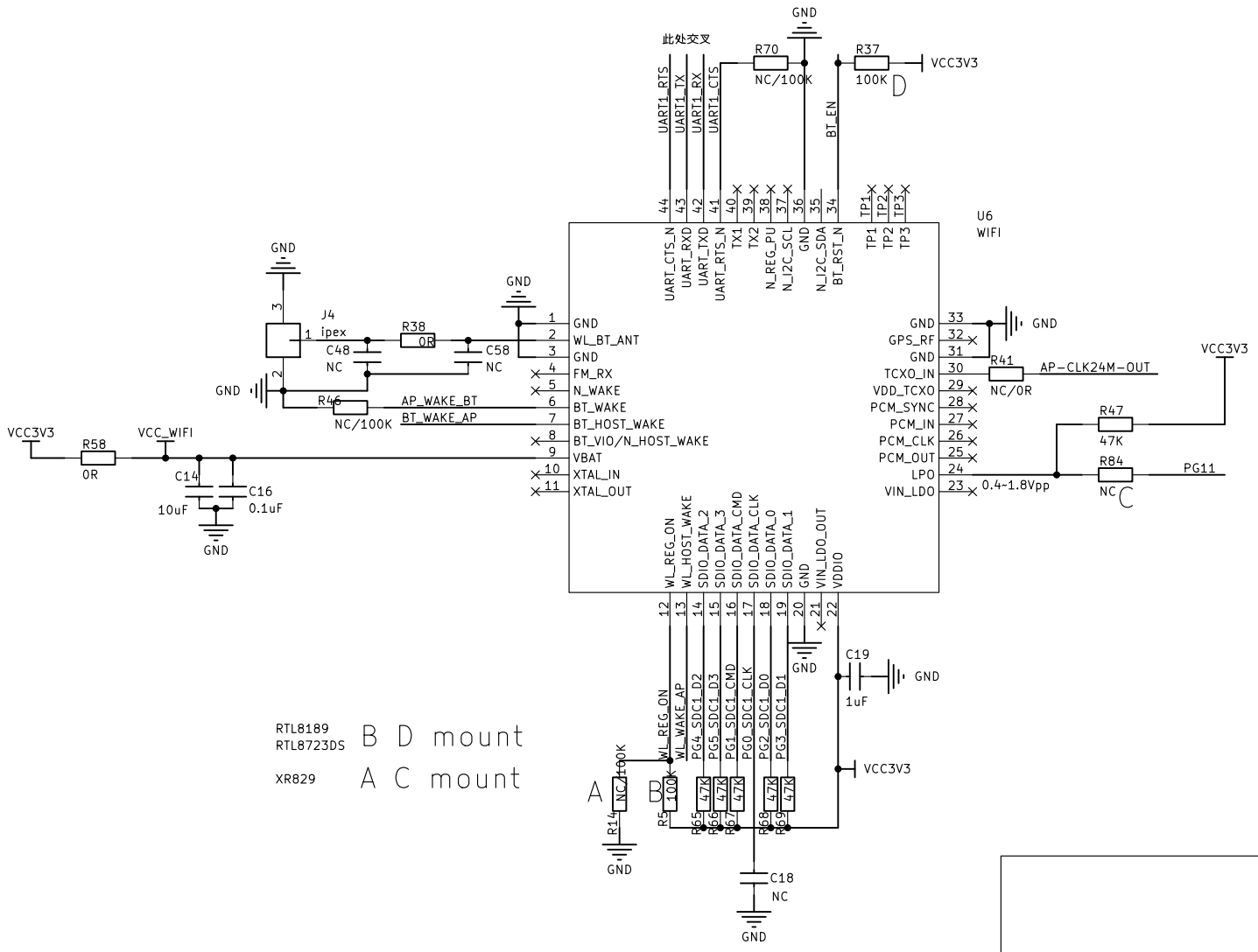
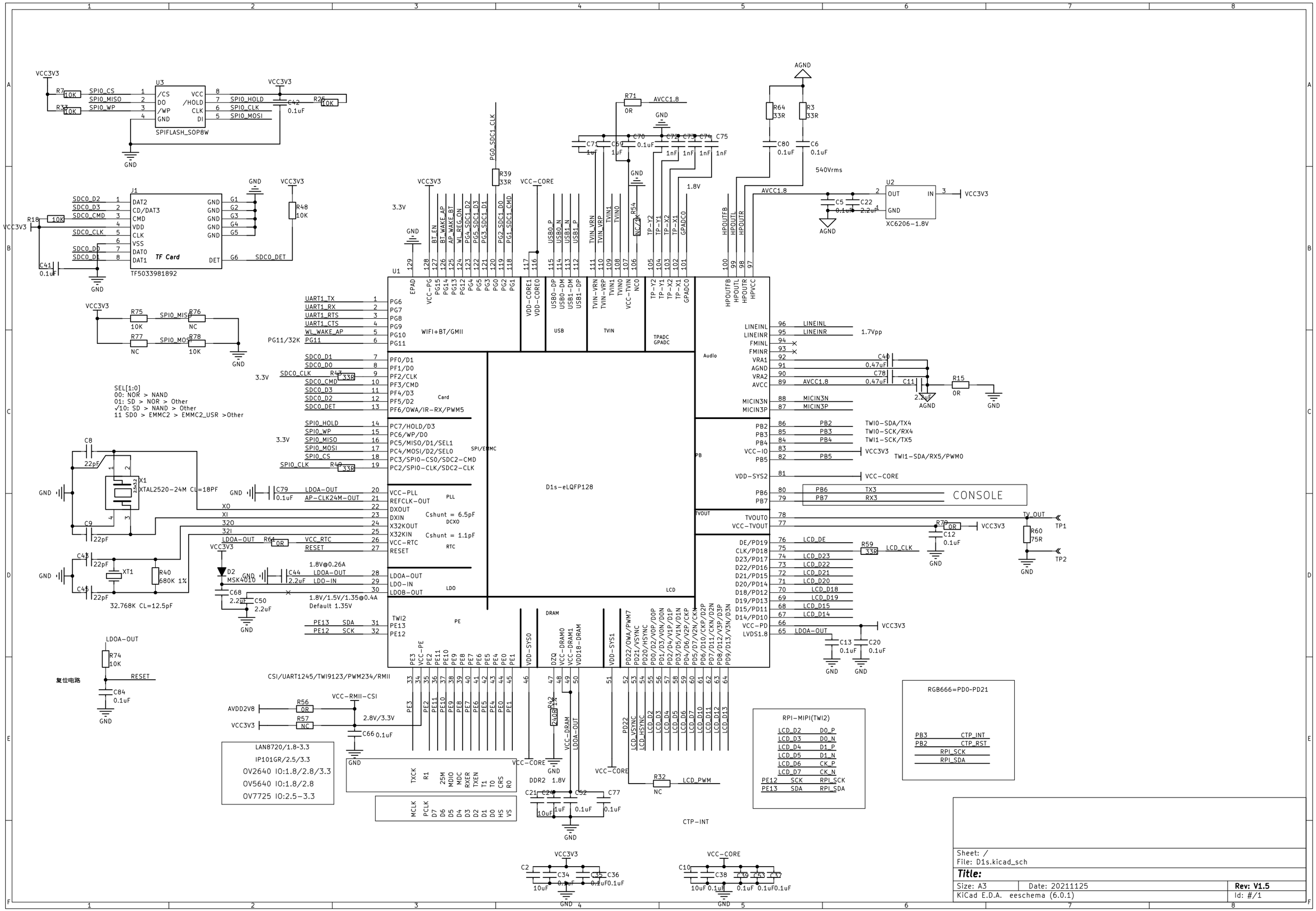

PWR
PWM7
OTG
HOST
USB-TypeC-16P
UART3 CONSOLE
Header 3
Header 4
Header15-MIPI
FFC40-RGBLCD
MT9284-28J
MIC
RY1303
VF=0.6V
DRAM 1.8V
VCC-DRAM
CORE 0.9V
VCC-CORE
PWR-ON Sequence
wait 2ms
Header 11X2
GT911
DVP
OV2640 A:2.8,D:1.2,IO:1.8/2.8/3.3
OV5640 A:2.8,D:1.5,IO:1.8/2.8
OV7725 A:3.3,D:1.8,IO:2.8/3.3
U7
OV-DVP
Idd-A max 40mA
Idd-DO max 140mA
XC6206-1.2
XC6206-2.8
DVP处已上拉
Sheet: /
File: Periph.kicad_sch
Title:
Size: A3
Date: 20211125
Rev: V1.5
KiCad E.D.A. eeschema (6.0.1)
Id: 3/1



Sheet: /
File: WIFI-BT.kicad_sch

Title: RF

Size: A4	Date: 20211125	**Rev: V1.5**
KiCad E.D.A. eeschema (6.0.1)		Id: 1/1


U3
SPIFLASH_SOP8W
J1
TF Card
TF5033981892
U1
WIFI+BT/GMII
USB
TVIN
TPADC GPADC
Audio
Card
SPI/EMMC
D1s-eLQFP128
PB
TVOUT
PLL
DCXO
RTC
LDO
LCD
PE
DRAM
CSI/UART1245/TWI9123/PWM234/RMII
U2
XC6206-1.8V
CONSOLE
RPI-MIPI(TWI2)
RGB666=PD0-PD21
LAN8720/1.8-3.3
IP101GR/2.5/3.3
OV2640 IO:1.8/2.8/3.3
OV5640 IO:1.8/2.8
OV7725 IO:2.5-3.3
SEL[1:0]
00: NOR > NAND
01: SD > NOR > Other
√10: SD > NAND > Other
11 SD0 > EMMC2 > EMMC2_USR >Other
XTAL2520-24M CL=18PF
32.768K CL=12.5pF
复位电路
Sheet: /
File: D1s.kicad_sch
Title:
Size: A3
Date: 20211125
Rev: V1.5
KiCad E.D.A. eeschema (6.0.1)
Id: #/1