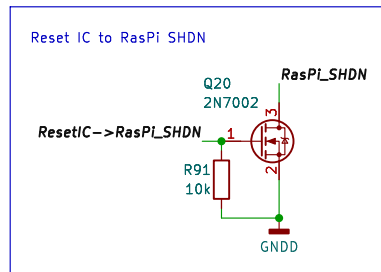
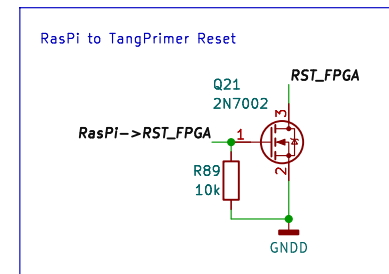
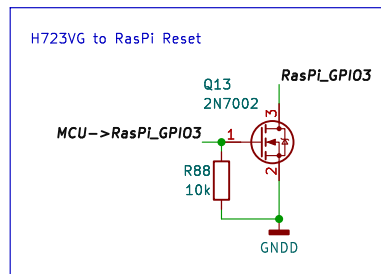
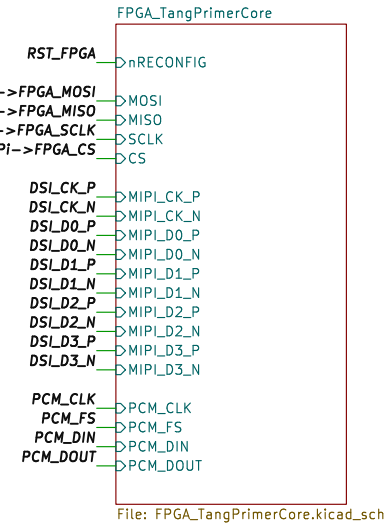
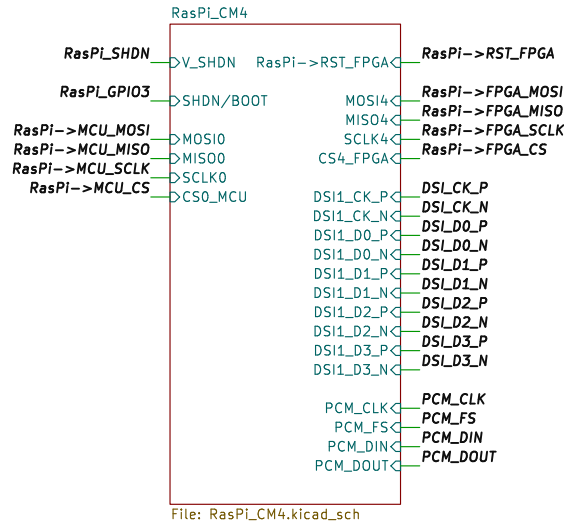
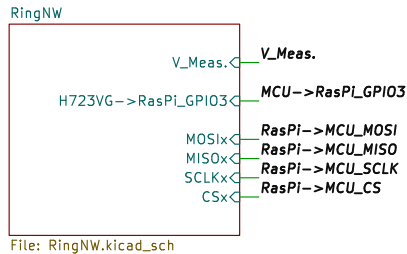
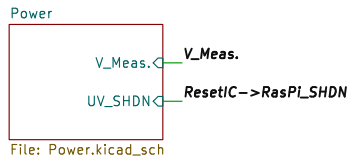
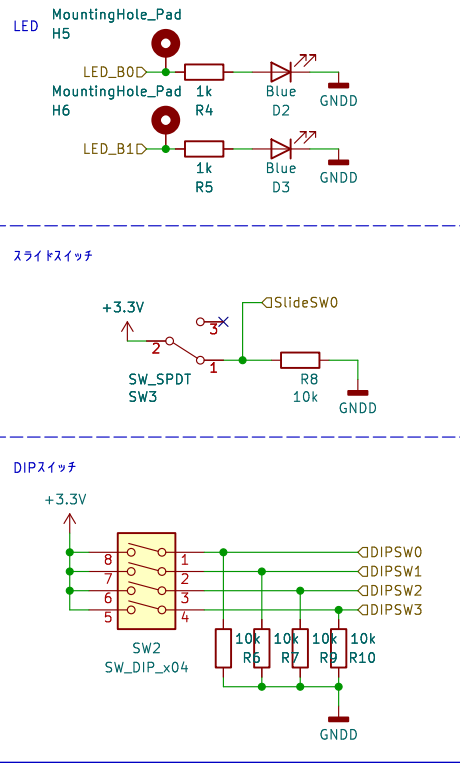


# GLOBAL\_EN SHDN/BOOT(GPIO3) V\_SHDN(電圧監視SHDN)

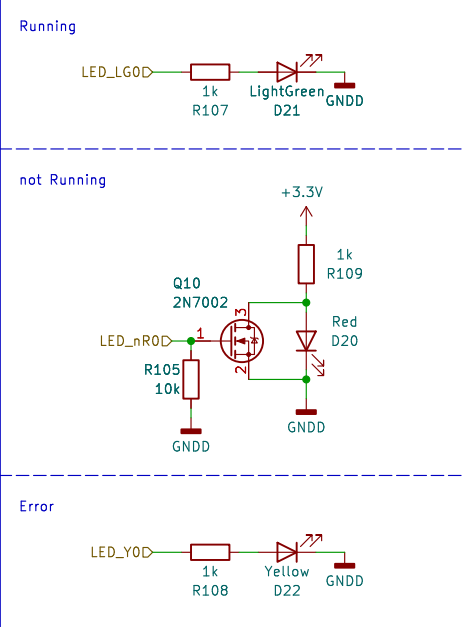


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File: RasPi.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.11		Id: 1/16

## I/O



## Indicator



Sheet: /RingNW/UI\_RingNW/  
File: UI\_RingNW.kicad\_sch

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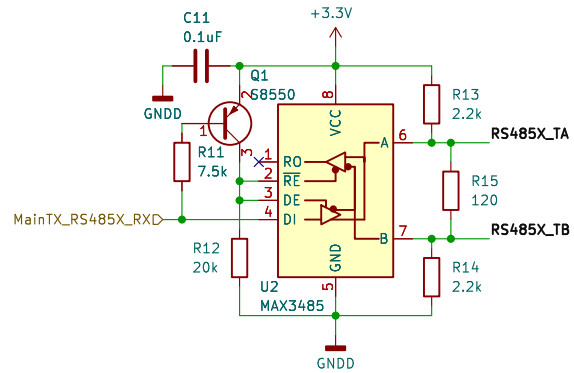
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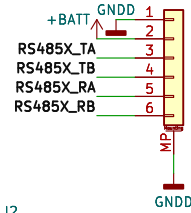
Rev:  
Id: 2/16

## RS485\_RingNW\_X

MAX3485\_Tx(3,4Pin)

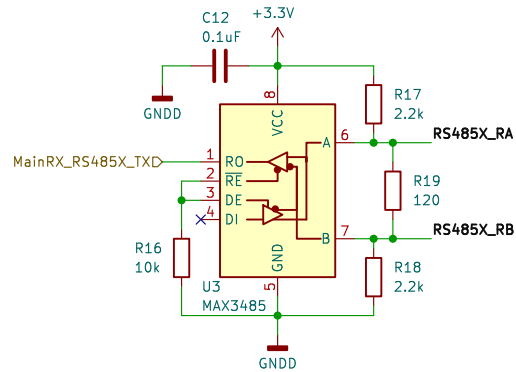


Conn



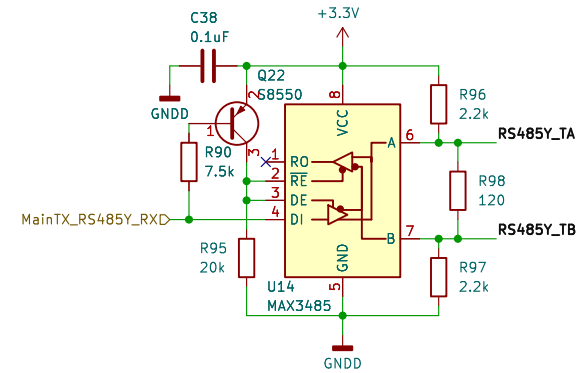
J2  
Conn\_01x06\_MountingPin

MAX3485\_Rx(5,6Pin)

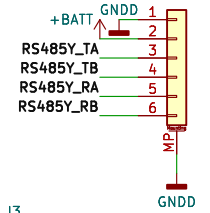


## RS485\_RingNW\_Y

MAX3485\_Tx(3,4Pin)

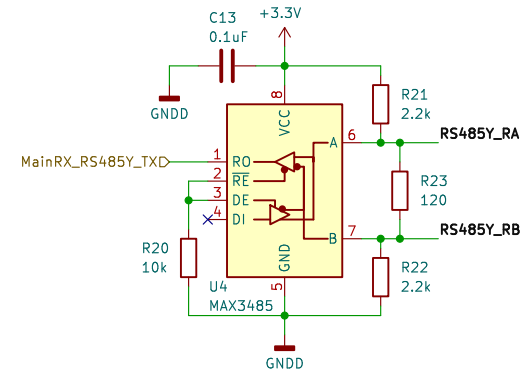


Conn



J3  
Conn\_01x06\_MountingPin

MAX3485\_Rx(5,6Pin)



Sheet: /RingNW/RS485\_RingNW/  
File: RS485\_RingNW.kicad\_sch

**Title:**

Size: A4

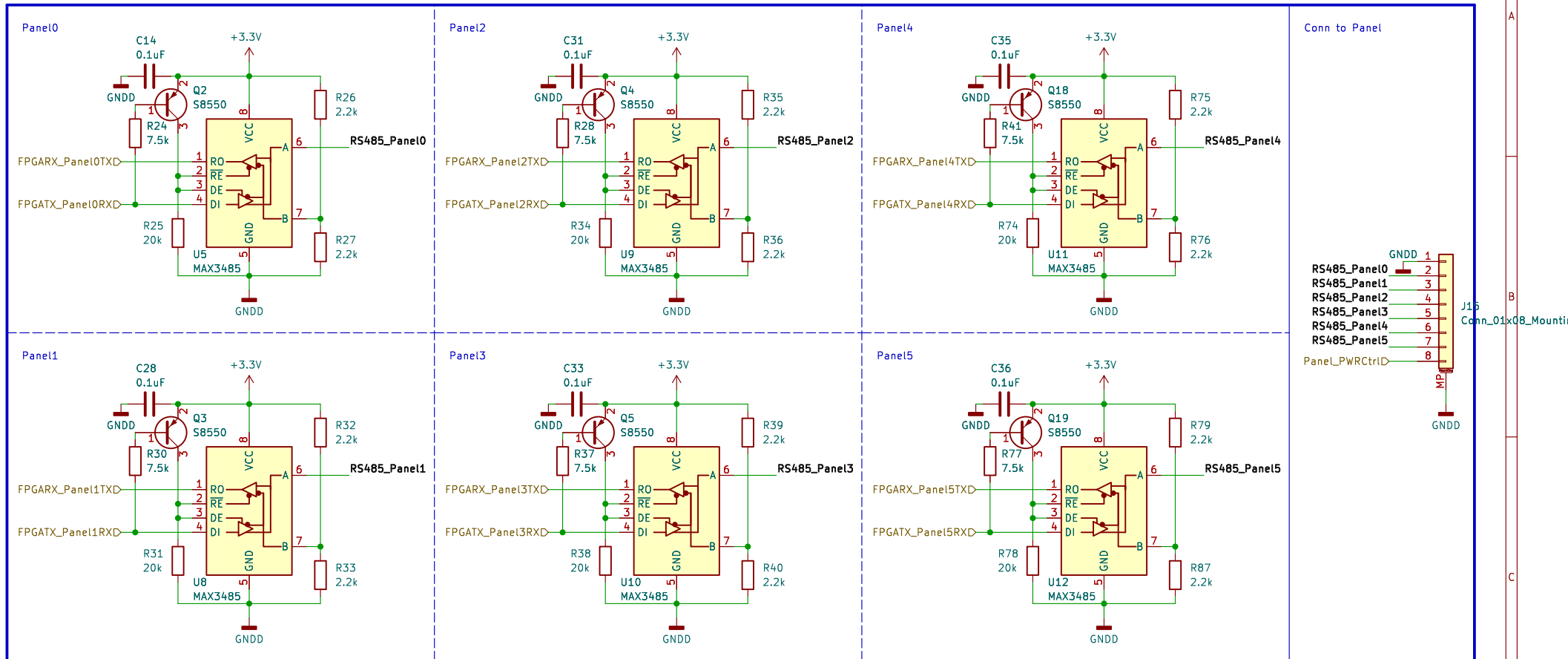
Date:

KiCad E.D.A. kicad 7.0.11

**Rev:**

Id: 3/16

## Trans to RS485



Sheet: /FPGA\_TangPrimerCore/RS485\_Panel/  
File: RS485\_Panel.kicad\_sch

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Size: A4

Date:

KiCad E.D.A. kicad 7.0.11

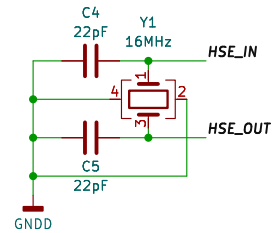
Rev:

Id: 4/16

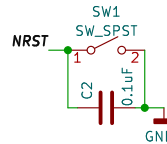
MOSI/MISOはいつものとおんじていいのか  
いつもはマスターだけど今回はスレーブ

## ネットワークマイコン

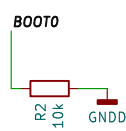
HSE



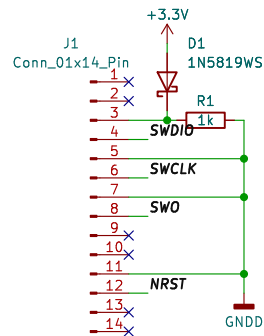
NRST



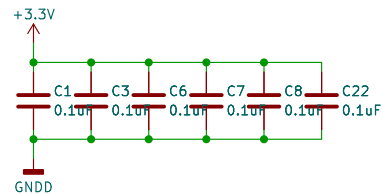
BOOT0



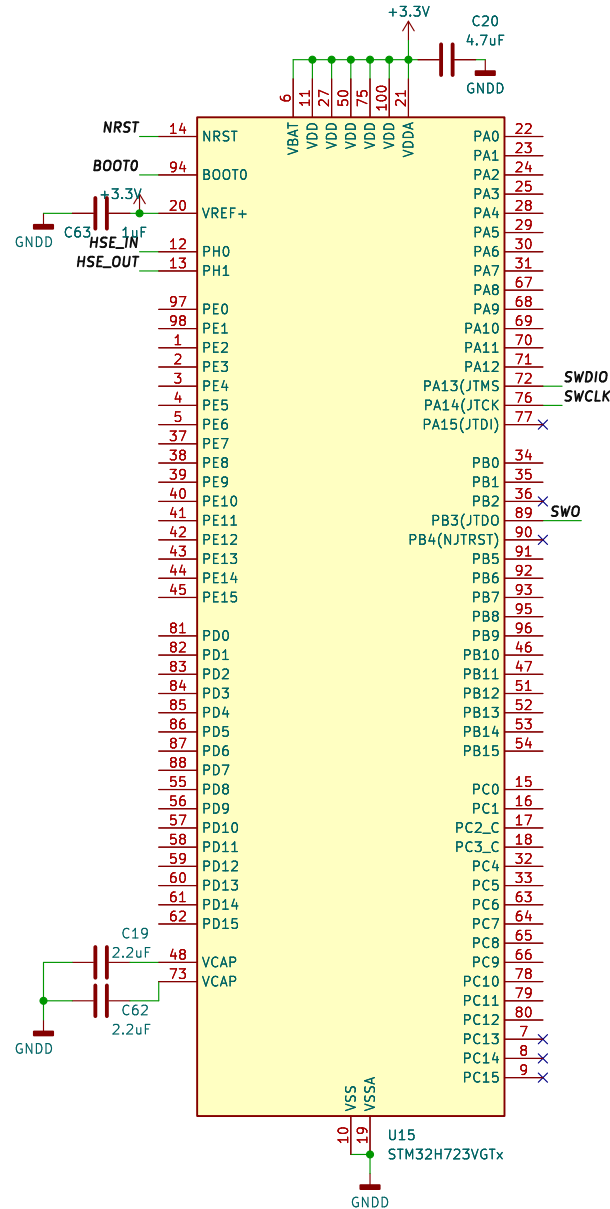
書き込み



バスコン



H723VG



H723Tx\_RS485XRX  
H723Rx\_RS485XTX

H723Tx\_RS485YRX  
H723Rx\_RS485YTX

QMSIx  
QMIS0x  
QSClkx  
QCSx

QH723VG-->RasPi\_GPIO3

LED\_LG0  
LED\_nR0  
LED\_Y0

LED\_B0  
LED\_B1

SlideSW0

DIPSW0  
DIPSW1  
DIPSW2  
DIPSW3

QV\_Meas.

RS485\_RingNW

H723Tx\_RS485XRX  
H723Rx\_RS485XTX

H723Tx\_RS485YRX  
H723Rx\_RS485YTX

File: RS485\_RingNW.kicad\_sch

UI\_RingNW

LED\_LG0  
LED\_nR0  
LED\_Y0

LED\_B0  
LED\_B1

SlideSW0

DIPSW0  
DIPSW1  
DIPSW2  
DIPSW3

File: UI\_RingNW.kicad\_sch

Sheet: /RingNW/  
File: RingNW.kicad\_sch

Title:

Size: A4

Date:

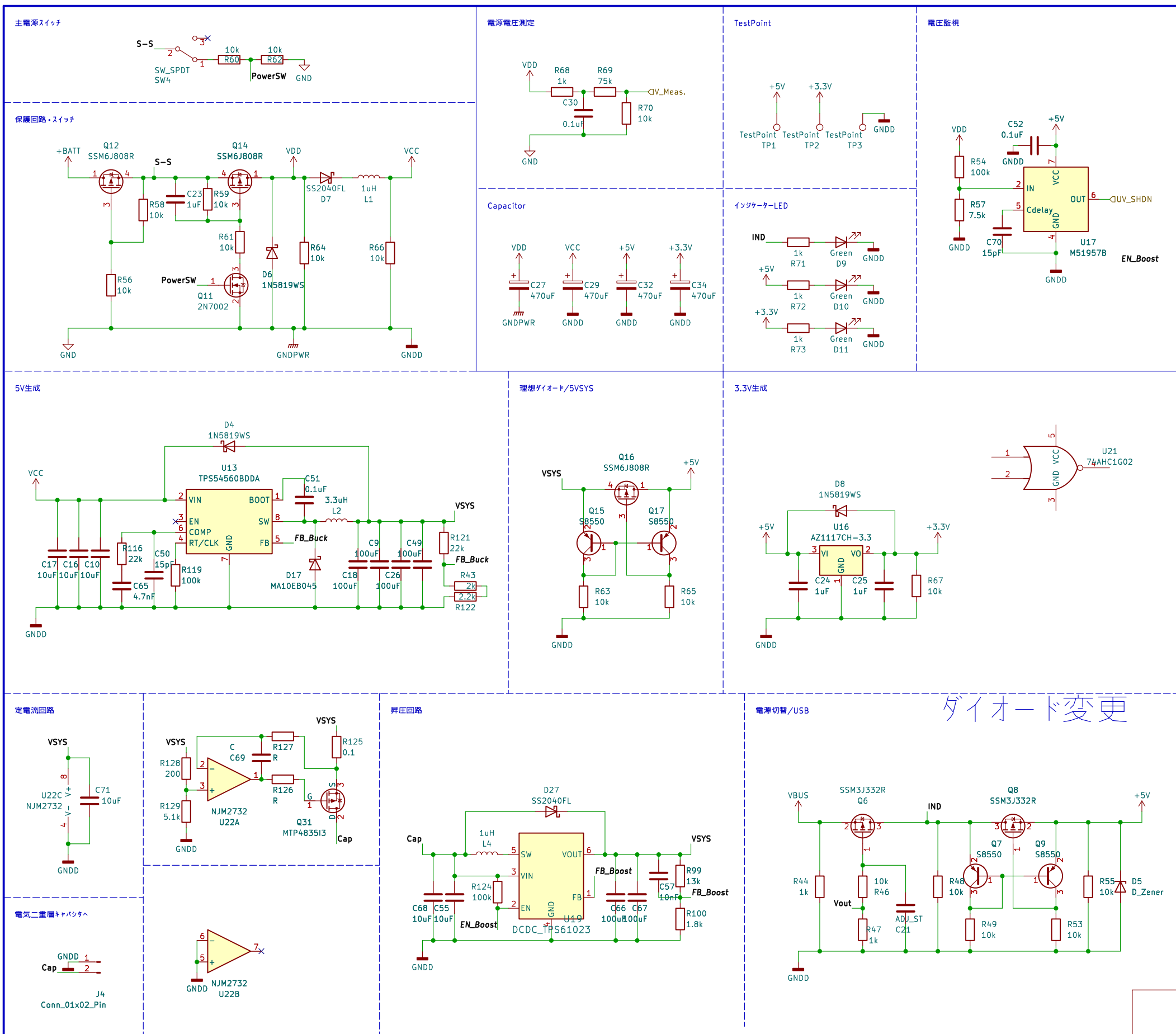
KiCad E.D.A. kicad 7.0.11

Rev:

Id: 5/16



## PowerModule



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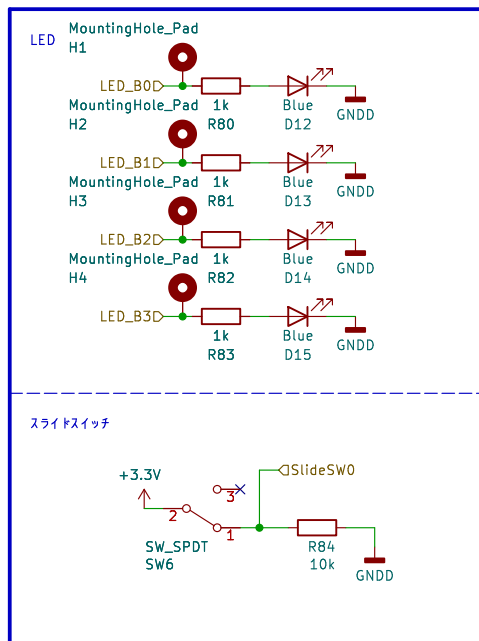
Size: A3	Date:
KiCad E.D.A.	kicad 7.0.11

Rev: 7/16





I/O



Sheet: /FPGA\_TangPrimerCore/UI\_TangPrimer/  
File: UI\_TangPrimer.kicad\_sch

**Title:**

Size: A4

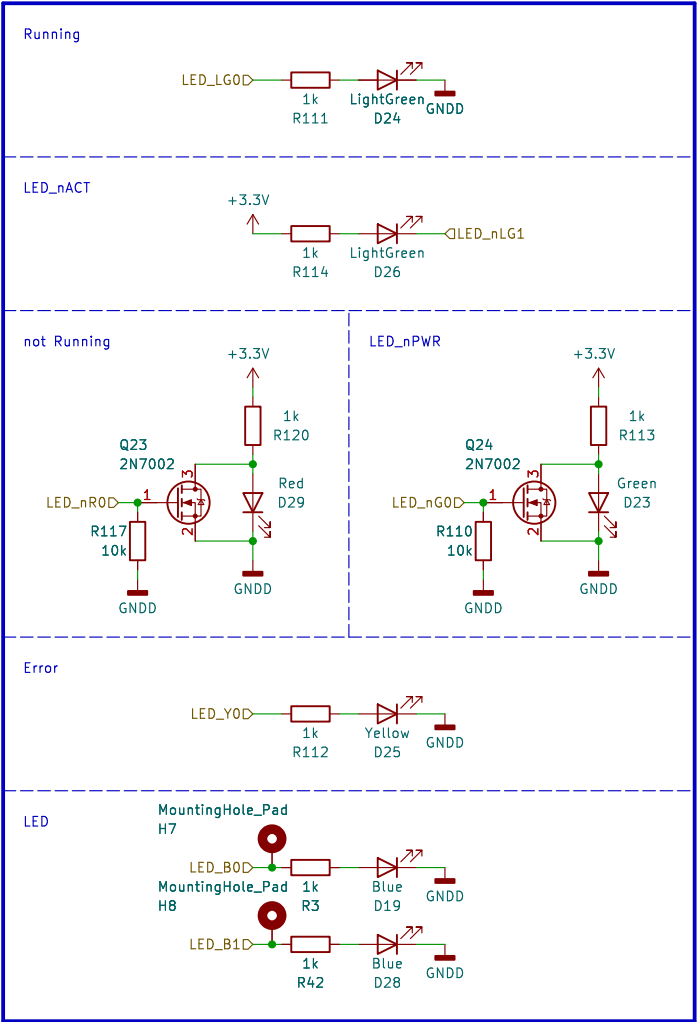
Date:

KiCad E.D.A. kicad 7.0.11

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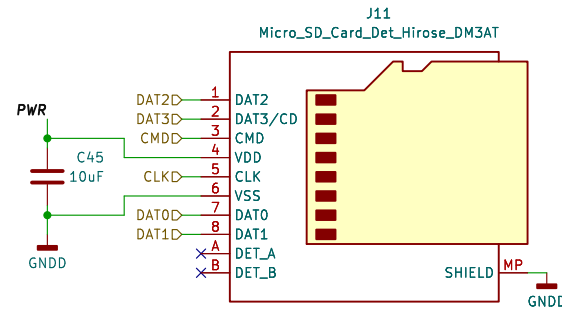
Indicator



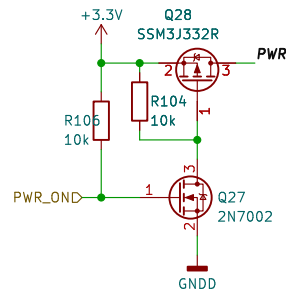
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Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.11		Id: 9/16

## SD Card

SD Card



SD Card Power



Sheet: /RasPi\_CM4/SD\_Card/  
File: SD\_Card.kicad\_sch

### Title:

Size: A4

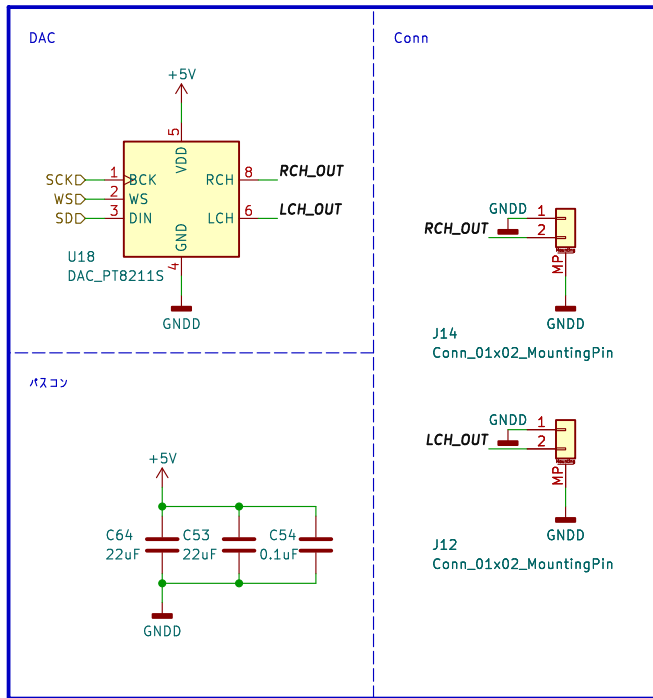
Date:

KiCad E.D.A. kicad 7.0.11

Rev:

Id: 10/16

DAC



Sheet: /FPGA\_TangPrimerCore/DAC/  
File: DAC.kicad\_sch

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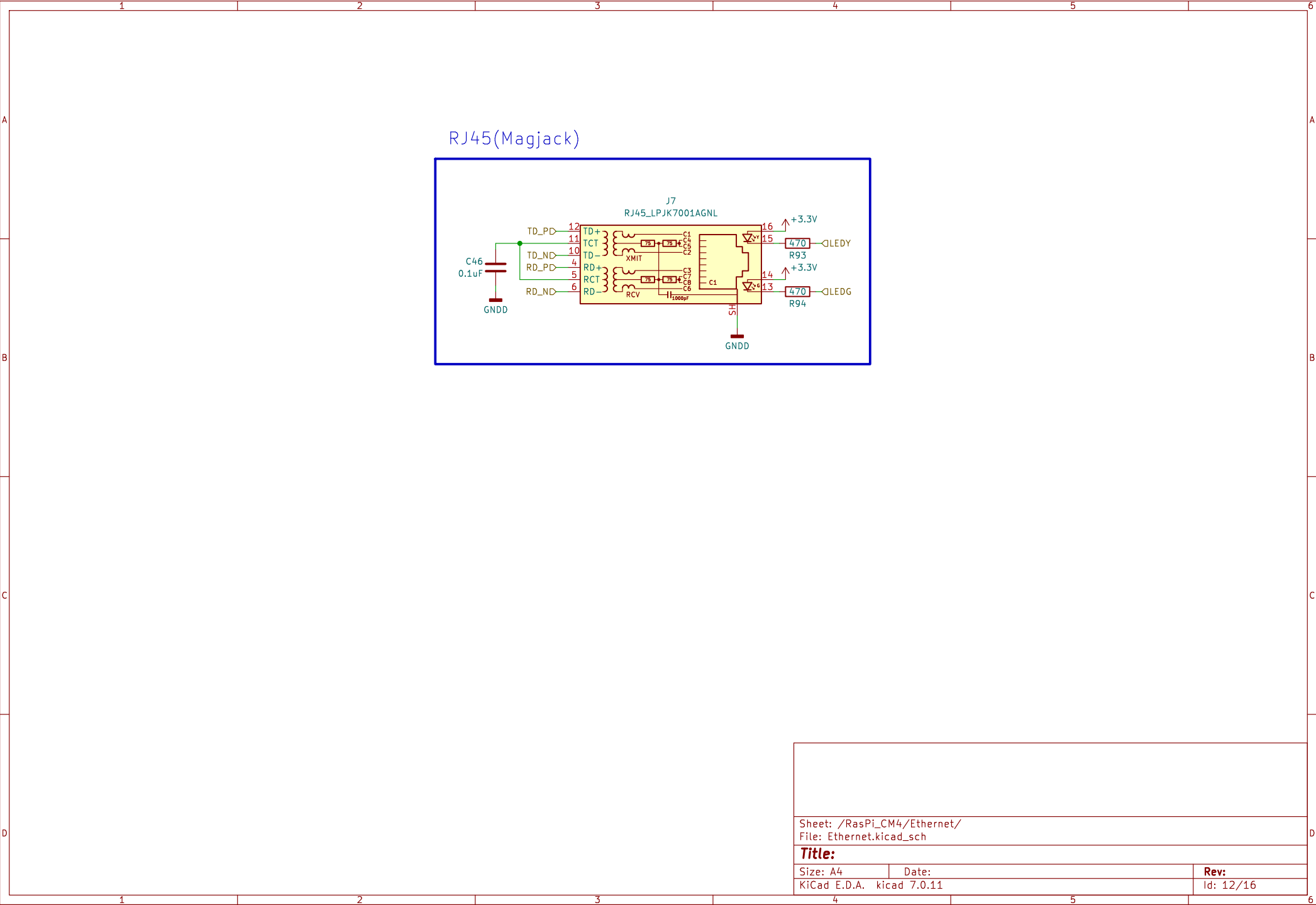
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Date:

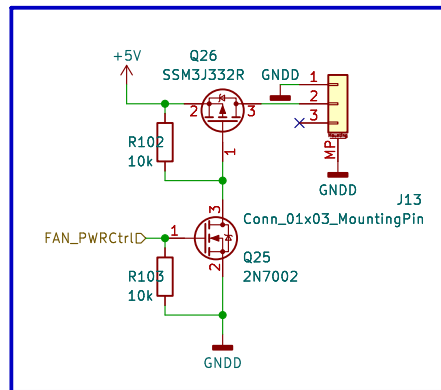
KiCad E.D.A. kicad 7.0.11

Rev:

Id: 11/16



## FAN



Sheet: /RasPi\_CM4/FAN/  
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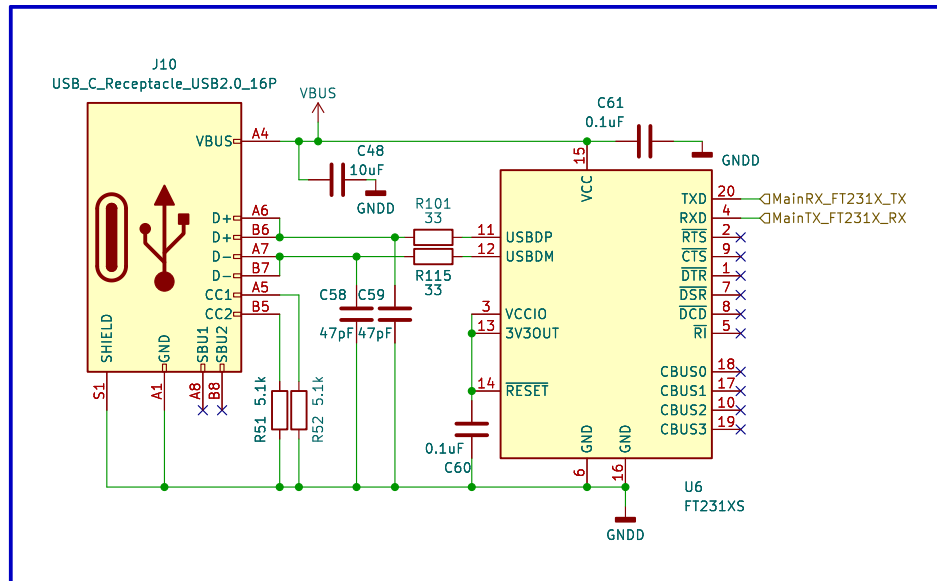
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Size: A4  
KiCad E.D.A. kicad 7.0.11

Date:

Rev:  
Id: 13/16

## USB-C



Sheet: /RasPi\_CM4/Serial\_Converter/  
File: Serial\_Converter.kicad\_sch

### Title:

Size: A4

Date:

KiCad E.D.A. kicad 7.0.11

Rev:

Id: 15/16

<b>Title:</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.11		Id: 16/16