

A

B

C

D

1

2

3

4

A

B

C

D

MCU
Proc.SchDoc

Throttle_A
Throttle_B

Brake_Pos
Brake_Pres

Steering

BB_EN_PWR
UART_IPC
CAN

U_Beagle Bone
Beagle Bone.SchDoc

BB_EN_PWR
UART_IPC
CAN

GPS_EN
UART_GPS
I2C
SPI0
RFM_0

GPS
GPS.SchDoc

GPS_EN
UART_GPS

U_IMU
IMU.SchDoc

I2C

Radio
Radio.SchDoc

SPI_RFM
RFM_0

SIGNAL CONDITIONING
input signal Conditioning.SchDoc

Throttle_A
Throttle_B

Brake_Pos
Brake_Pres

Steering

Throttle_A_RAW
Throttle_B_RAW

Brake_Pos_RAW
Brake_Pres_RAW

Steering_RAW

Connector
2018_VCU_EEC-5X65-CAD.SchDoc

Throttle_A_RAW
Throttle_B_RAW

Brake_Pos_RAW
Brake_Pres_RAW

Steering_RAW

CAN

PDU POWER

POWER
Power.SchDoc

PDU POWER

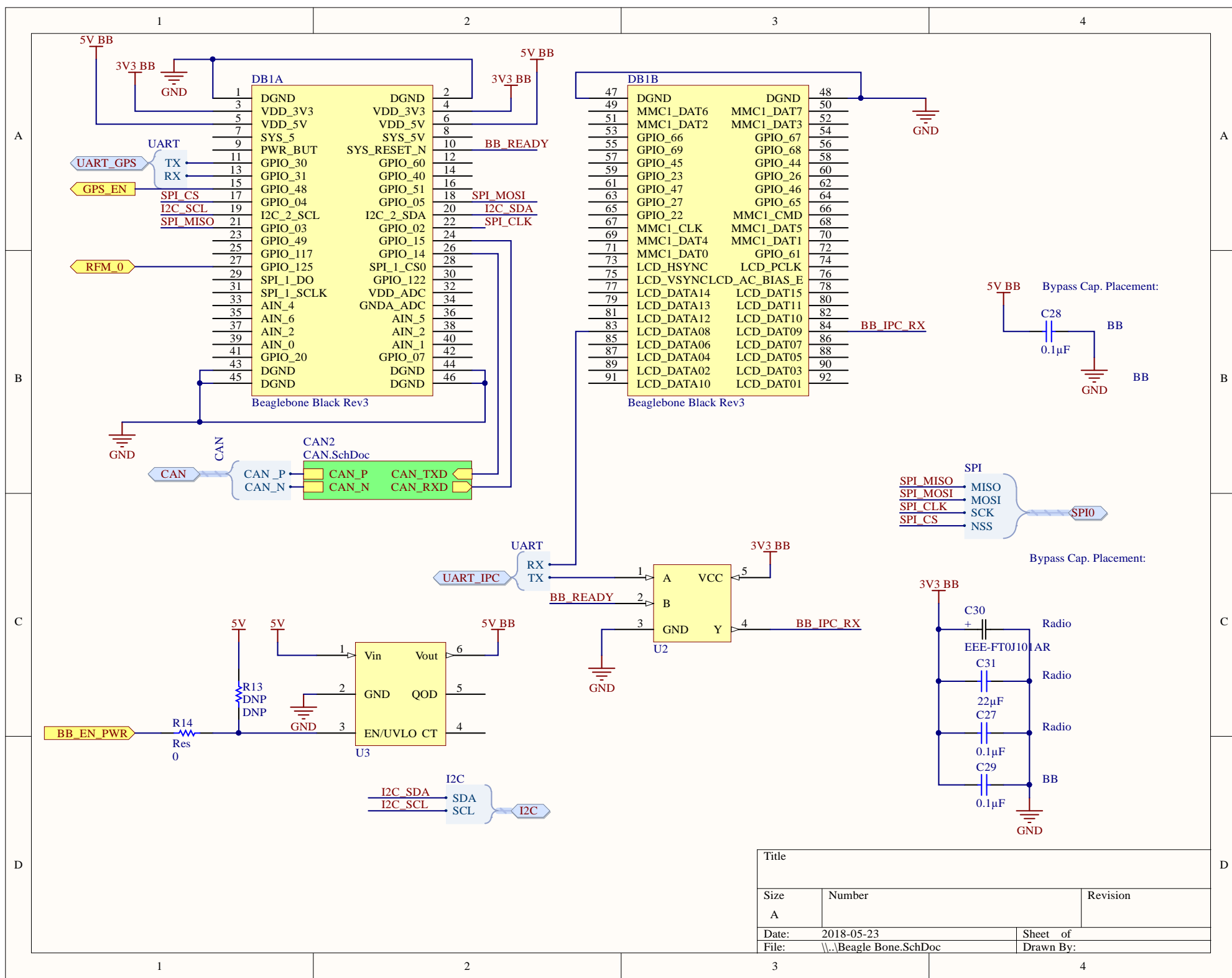
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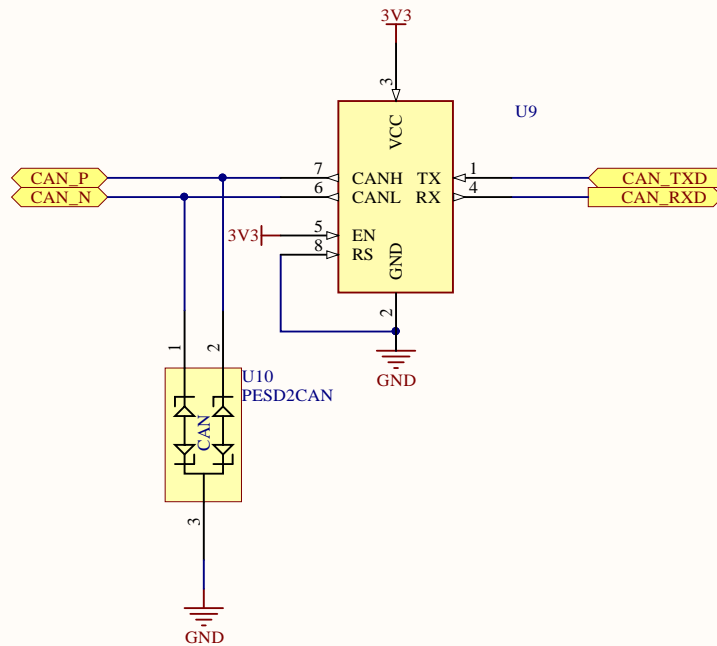
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2

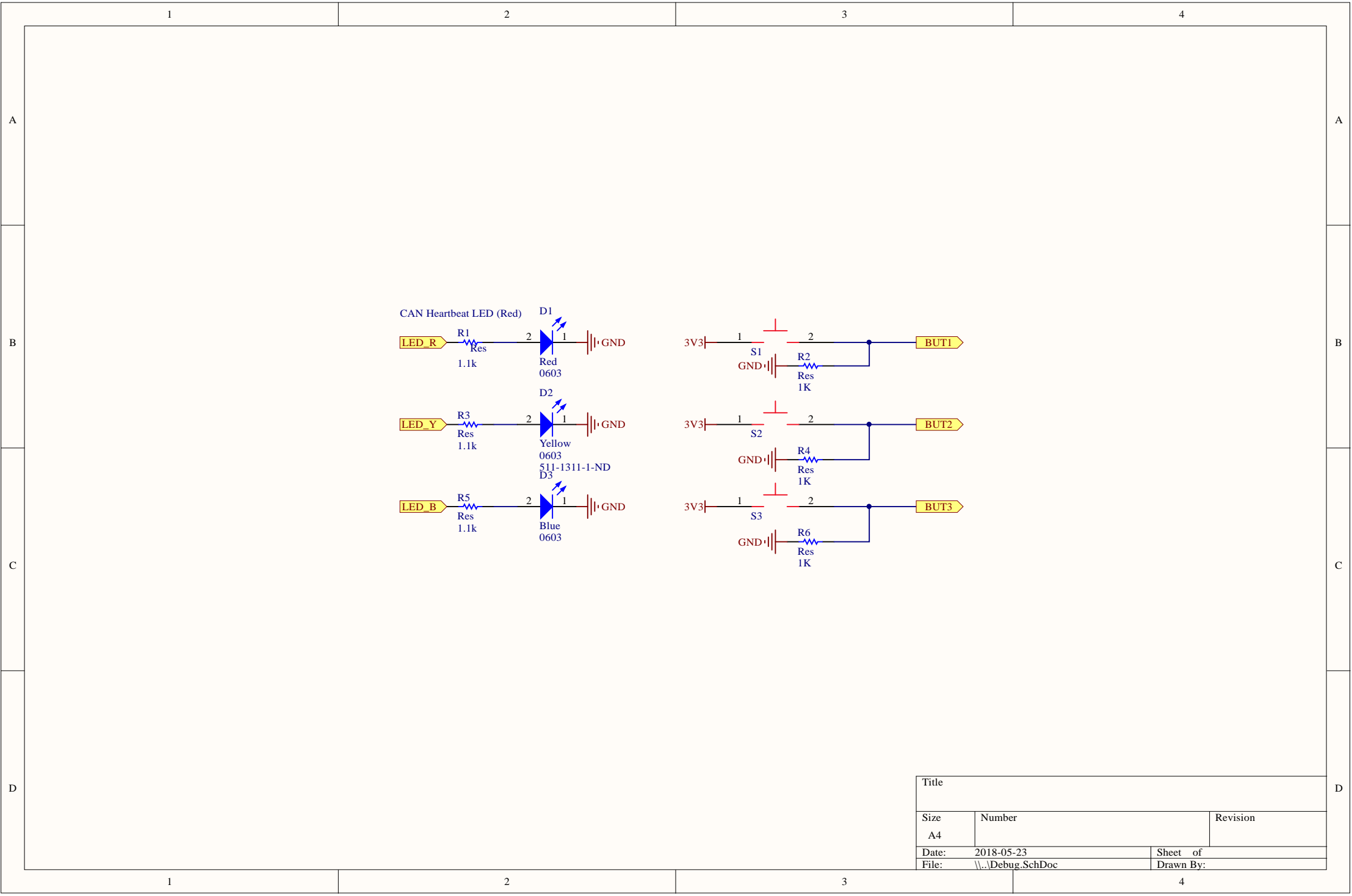
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4





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3V3

1

S1

2

R2
Res
1K

BUT1

3V3

1

S2

2

R4
Res
1K

BUT2

3V3

1

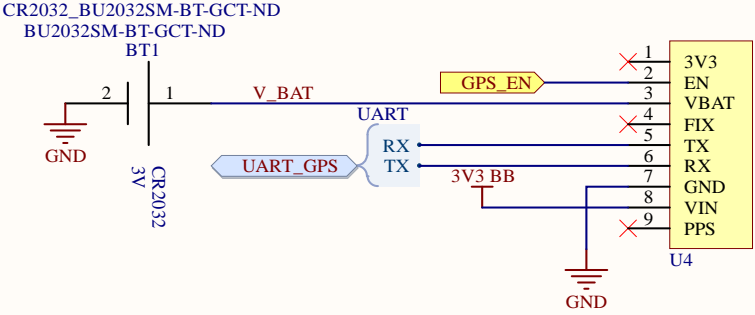
S3

2

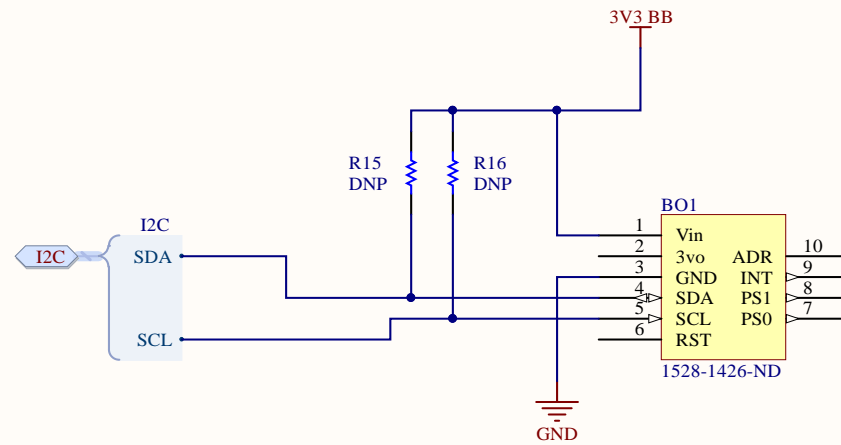
R6
Res
1K

BUT3

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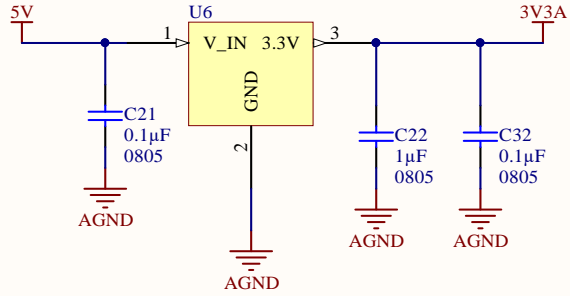
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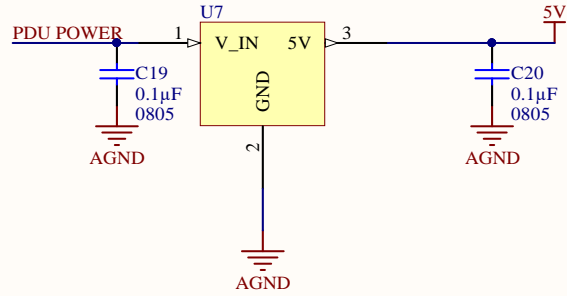
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PDU POWER

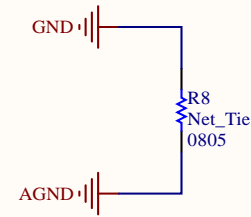
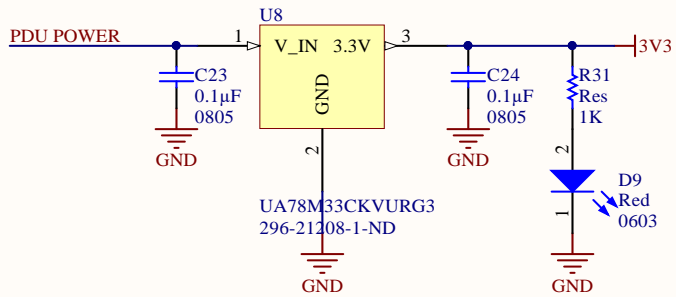
Analog 3V3 Voltage Regulation



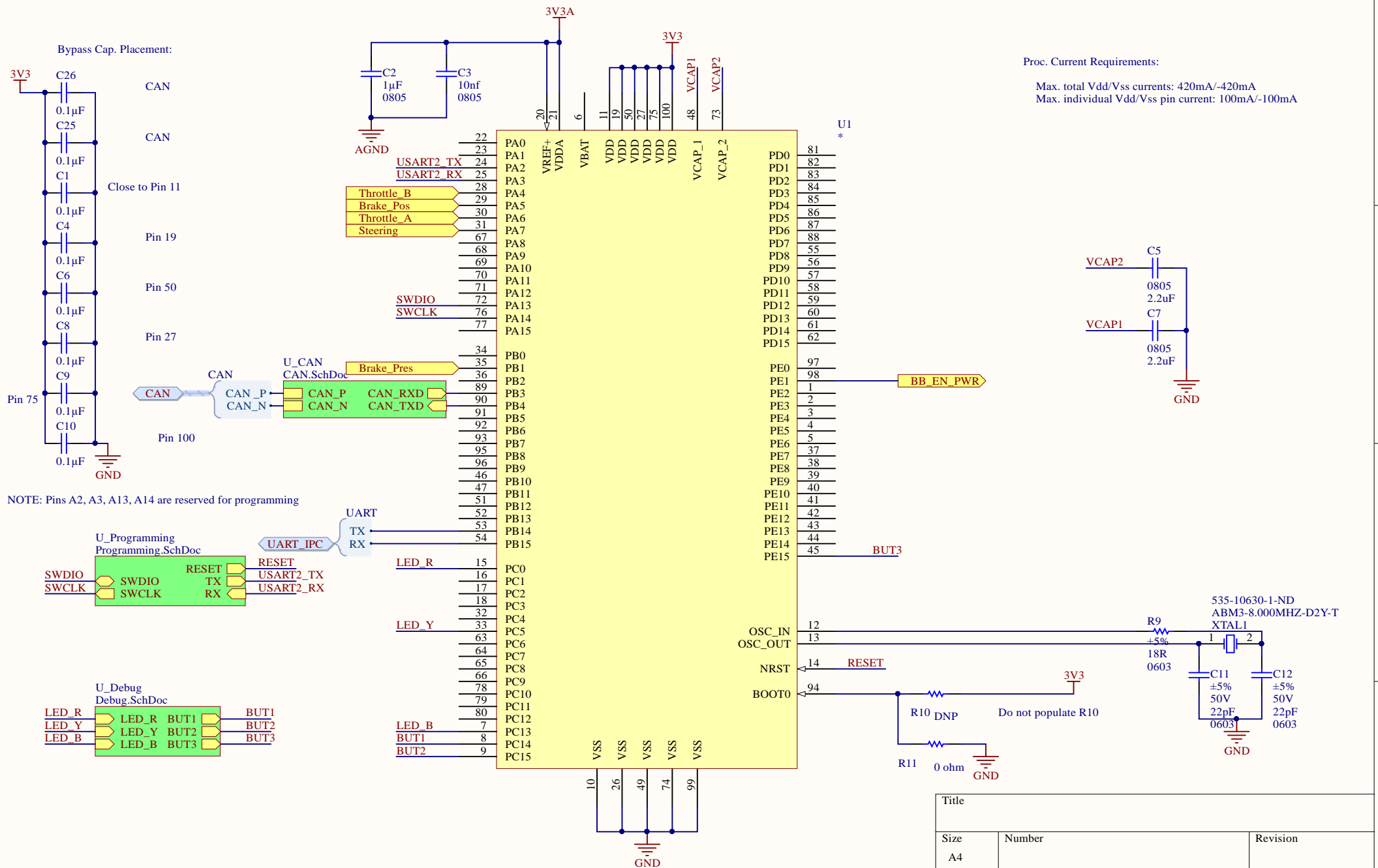
Analog 5 Voltage Regulation

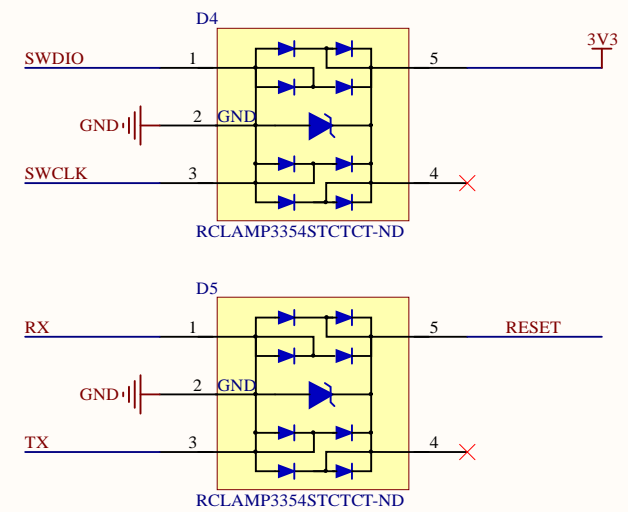
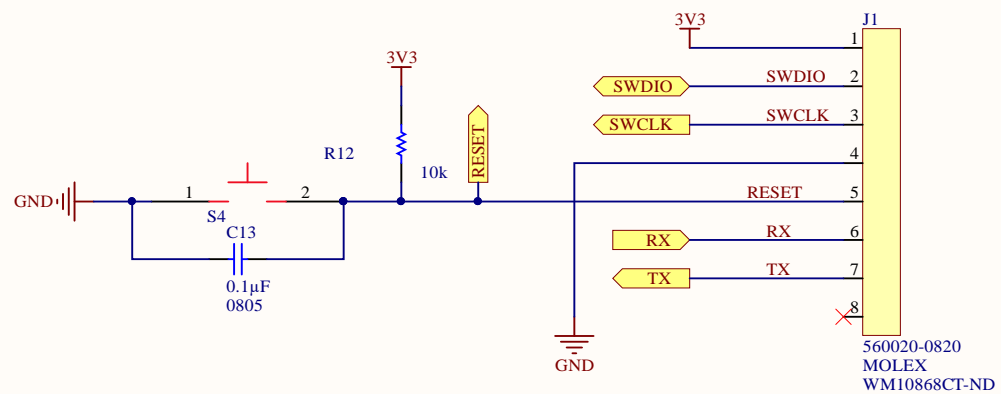


Digital 3.3 Voltage Regulation

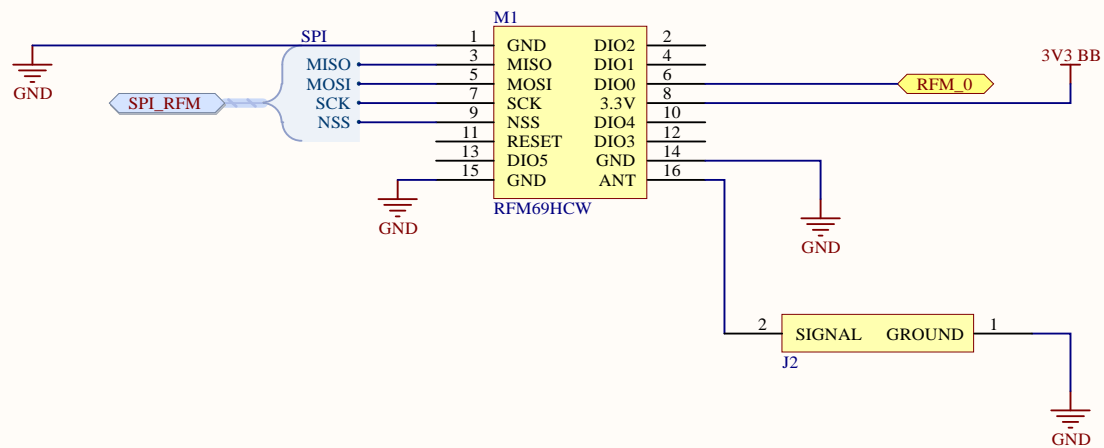


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