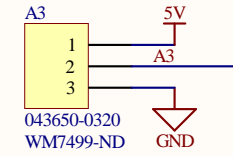
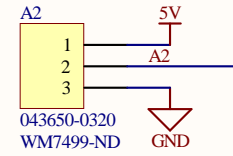
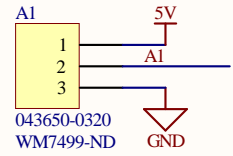
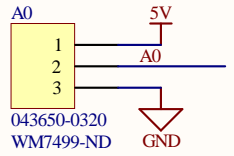


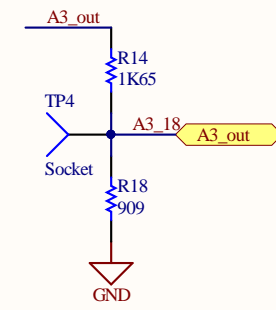
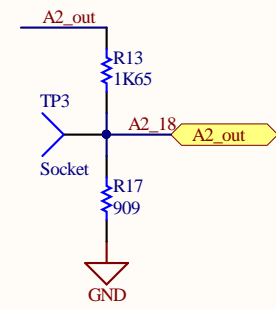
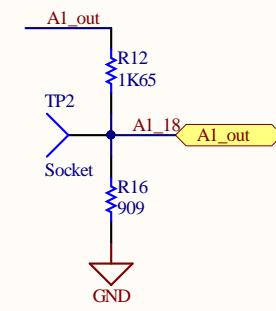
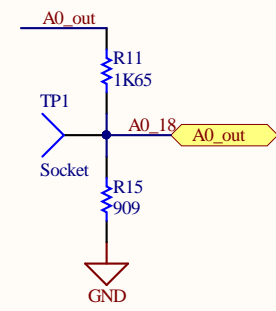
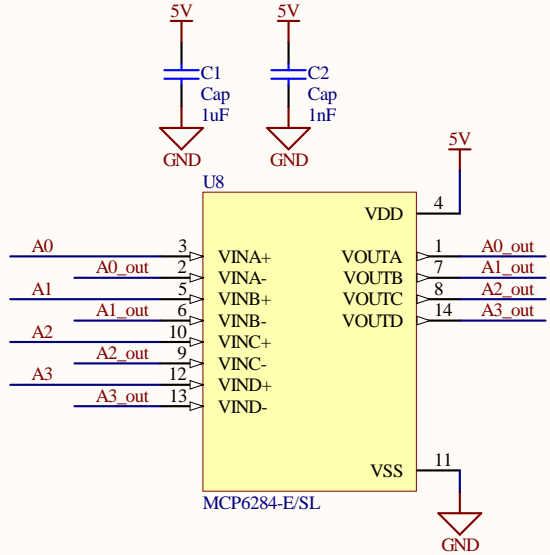
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B

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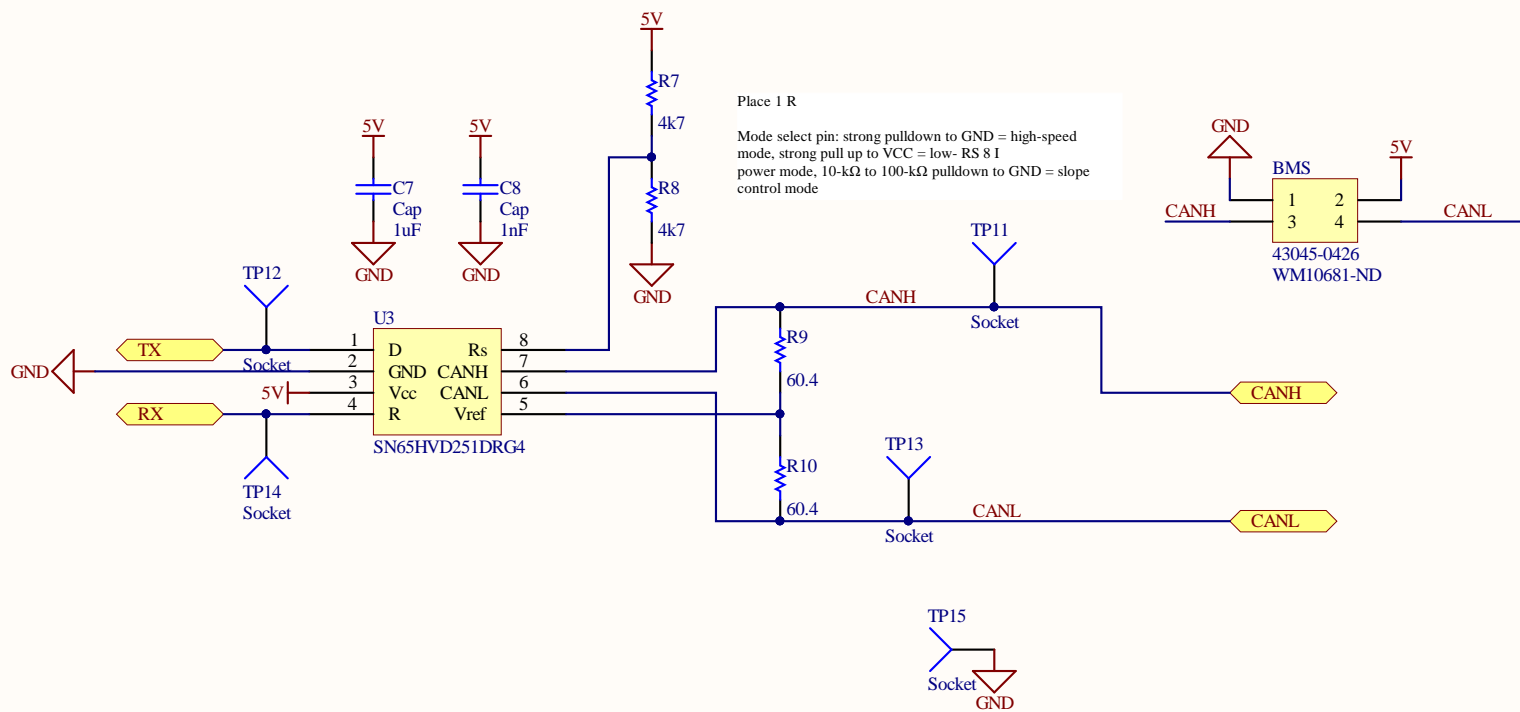
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C

D

D

Title		
Size	Number	Revision
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Date:	8/27/2020	Sheet of
File:	C:\Stomp\PCBs\BeagleCape\ADC.SchDoc	Drawn By:



Place 1 R

Mode select pin: strong pulldown to GND = high-speed mode, strong pull up to VCC = low- RS 8 I power mode, 10-kΩ to 100-kΩ pulldown to GND = slope control mode

Title		
Size	Number	Revision
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Date:	8/27/2020	Sheet of
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A

A

B

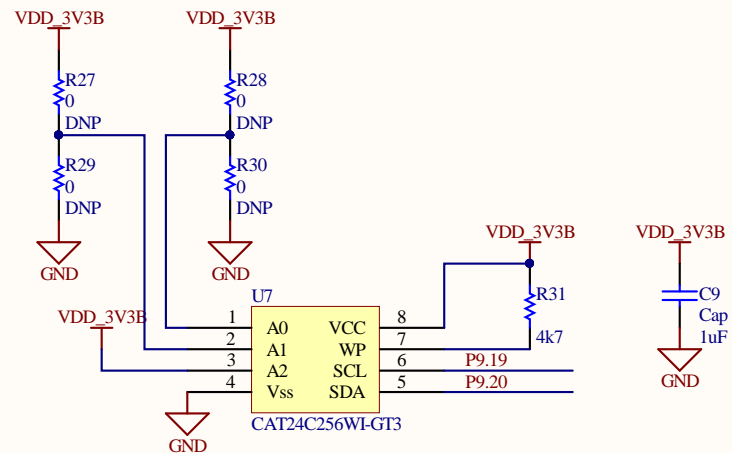
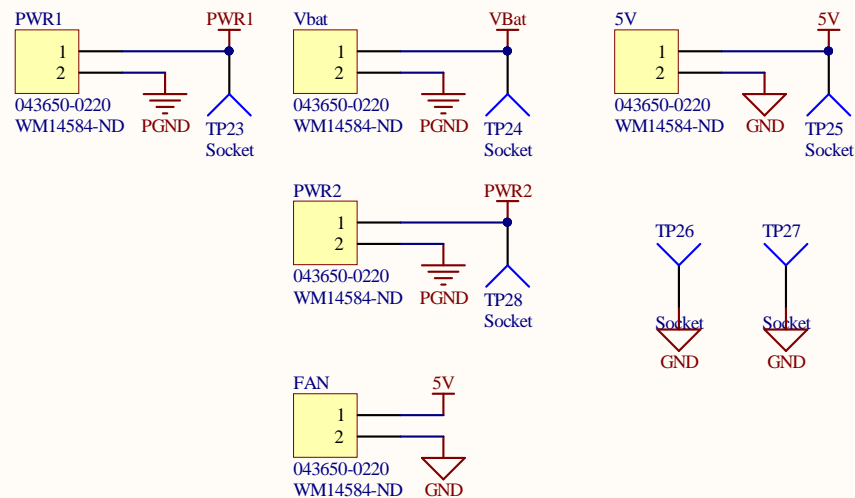
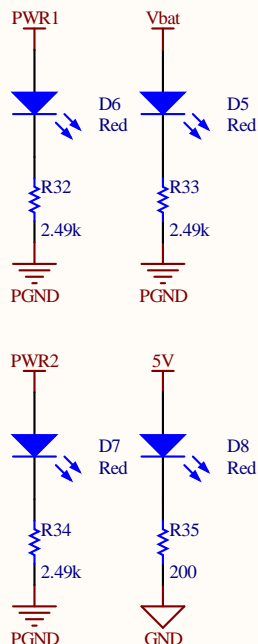
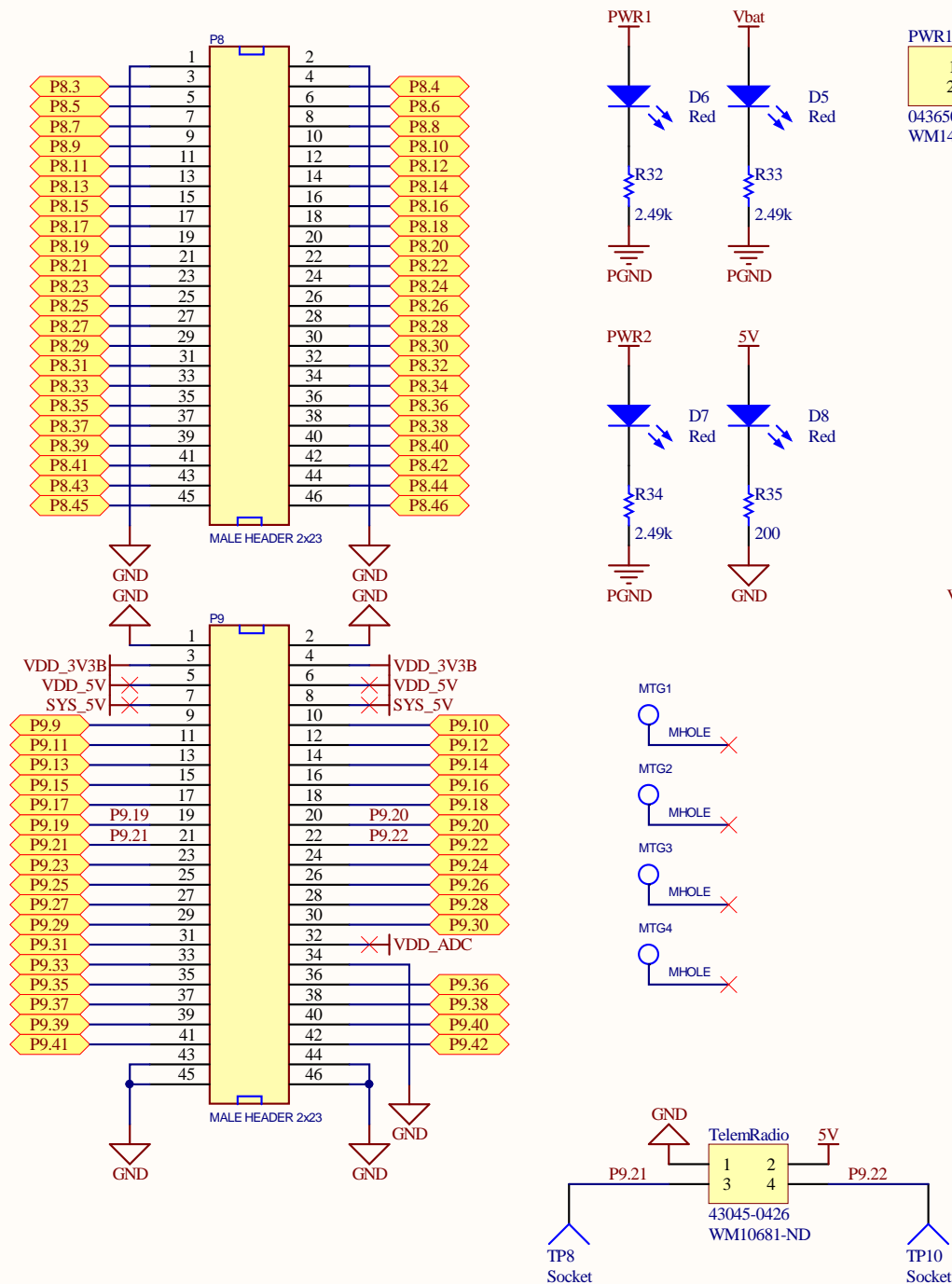
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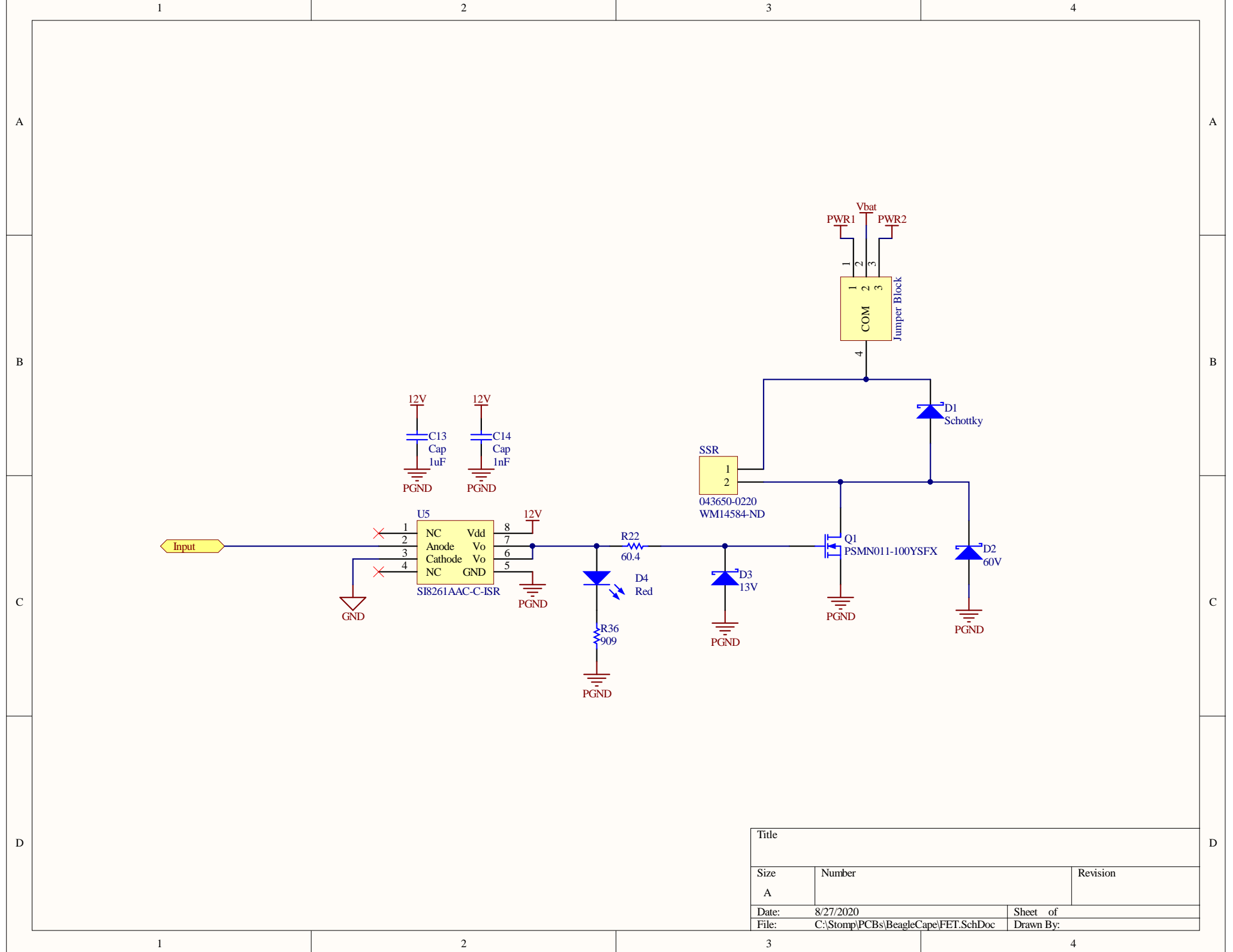
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Telemetry UART uart3  
ttyS2  
RXD P9.22  
TXD P9.21

IMU SPI spi3  
MISO P9.29  
MOSI P9.30  
SCK P9.31  
CS P9.28 spi3\_cs0

IMU I2C i2c4  
SCL P9.19  
SDA P9.20

ADC SPI spi3  
MISO P9.29  
MOSI P9.30  
SCK P9.31  
CS P9.42 spi3\_cs1

Control UART uart8 ttyS1  
RXD P8.38  
TXD P8.37

RS485 UART uart5 ttyS4  
RXD P9.11  
TXD P9.13  
DE P8.06

BMS CAN can2  
CAN\_TX P9.26  
CAN\_RX P9.24

Slew Roboteq UART uart0  
RXD P8.33  
TXD P8.31

Analog Ins  
A0 P9.39  
A1 P9.40

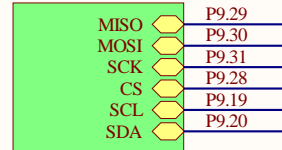
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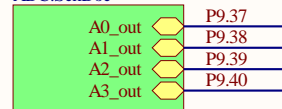
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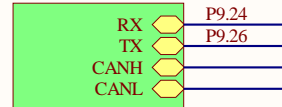
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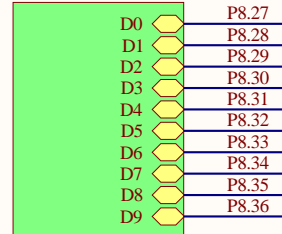
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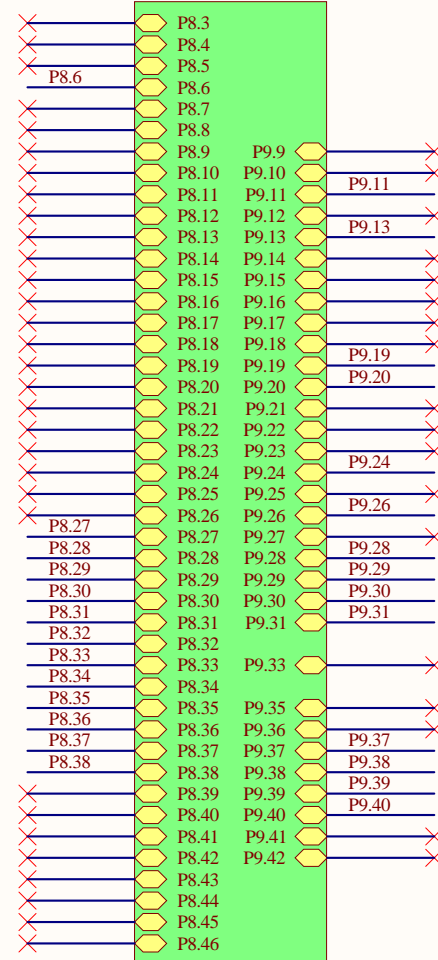
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SSRs  
SSRs.SchDoc



BeagleBoard Connectors  
Connectors.SchDoc



Title

Size

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Number

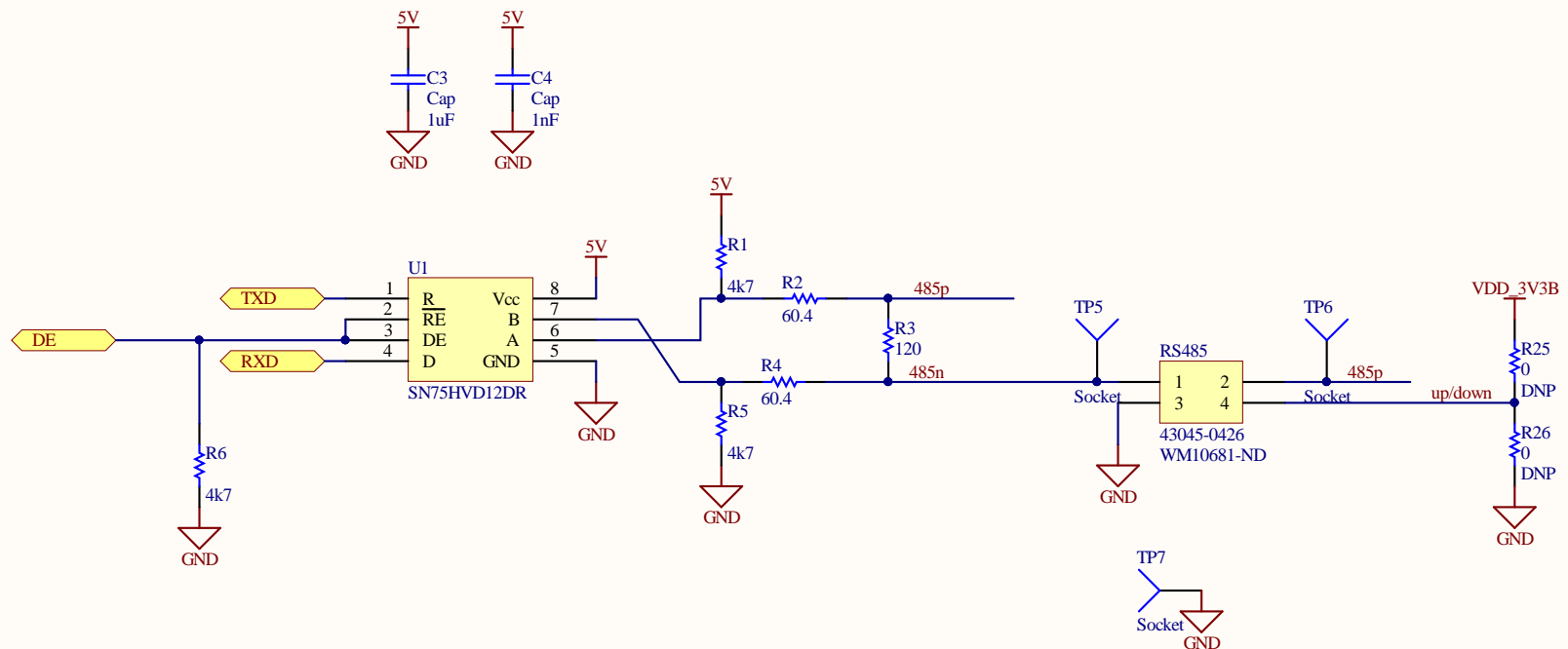
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Revision

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Drawn By:



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