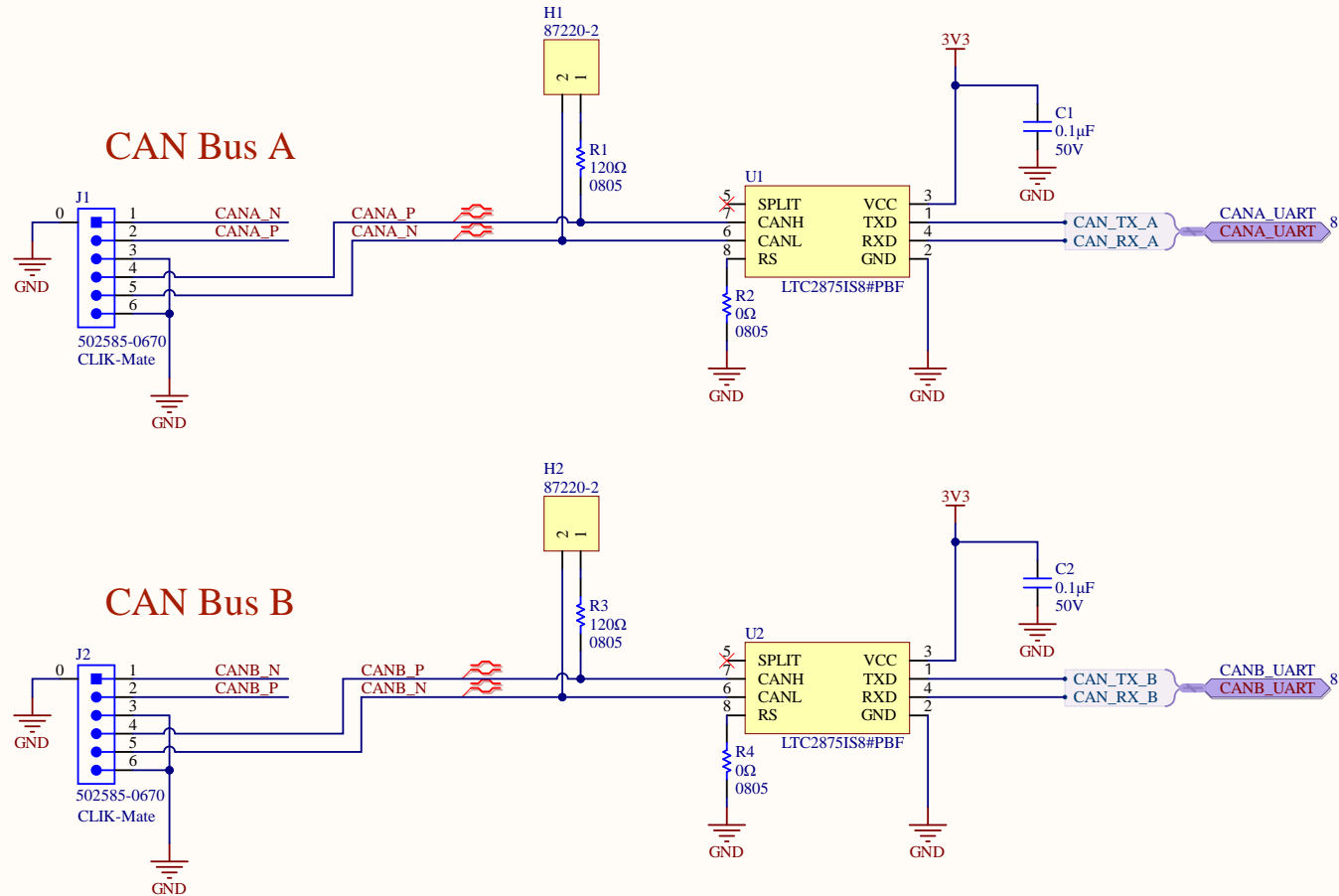
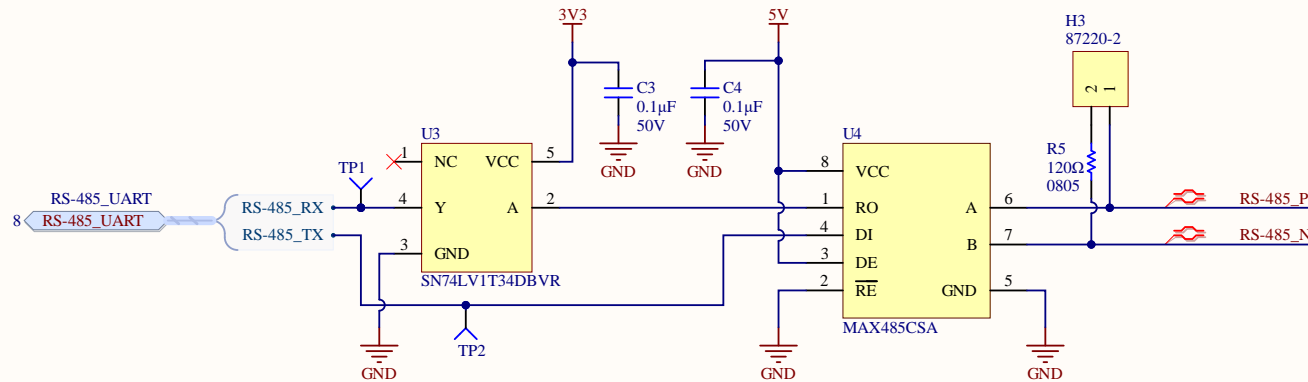
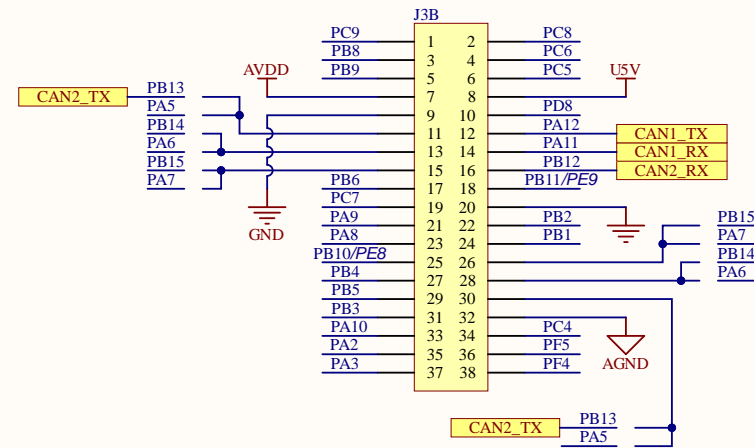
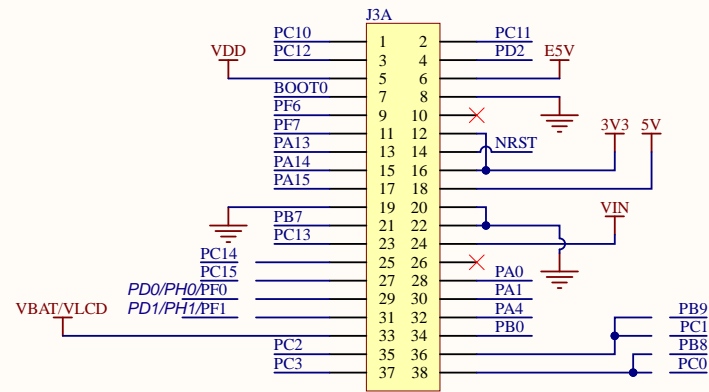


CAN Transceivers

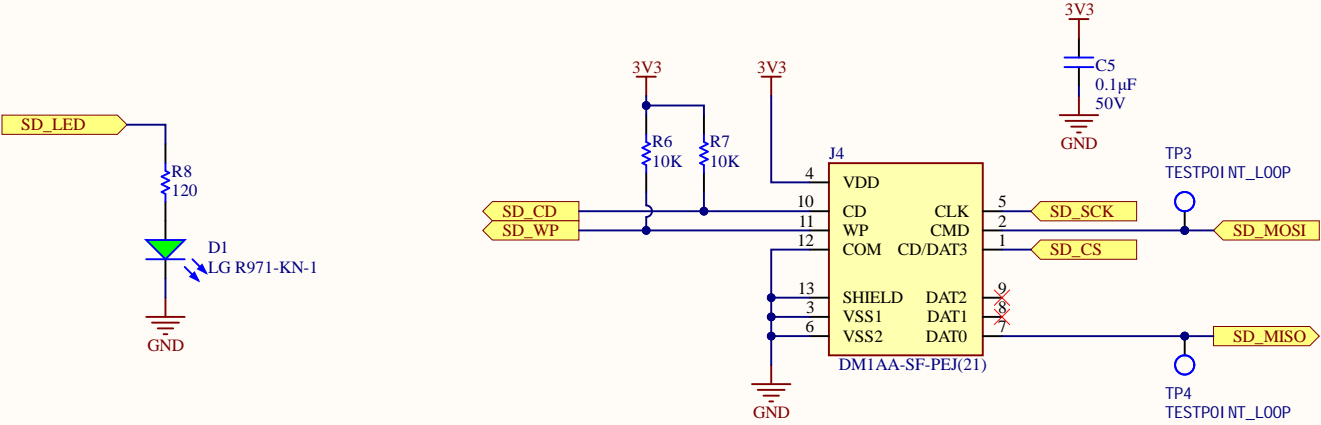


RS-485 Transceiver

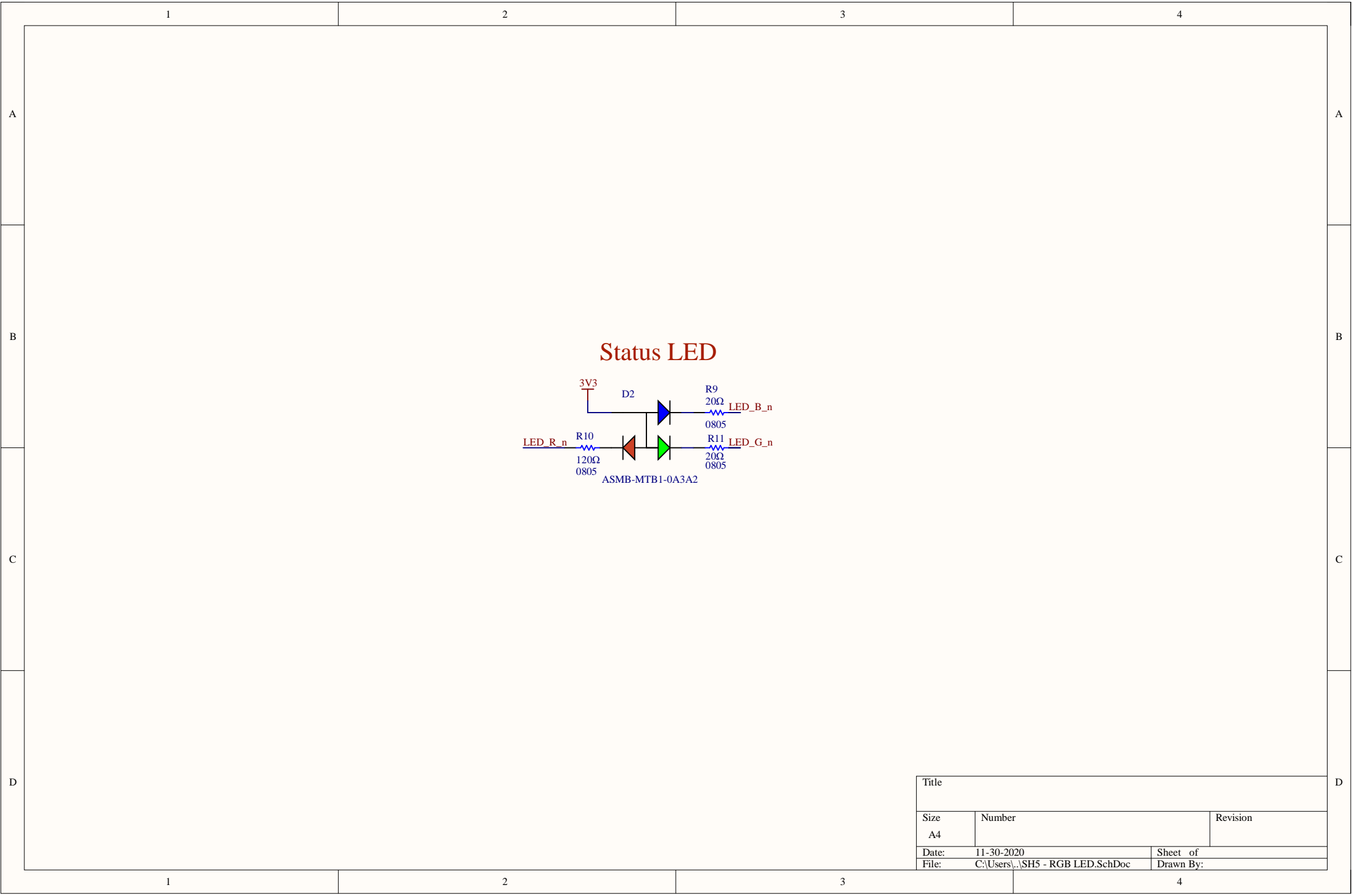




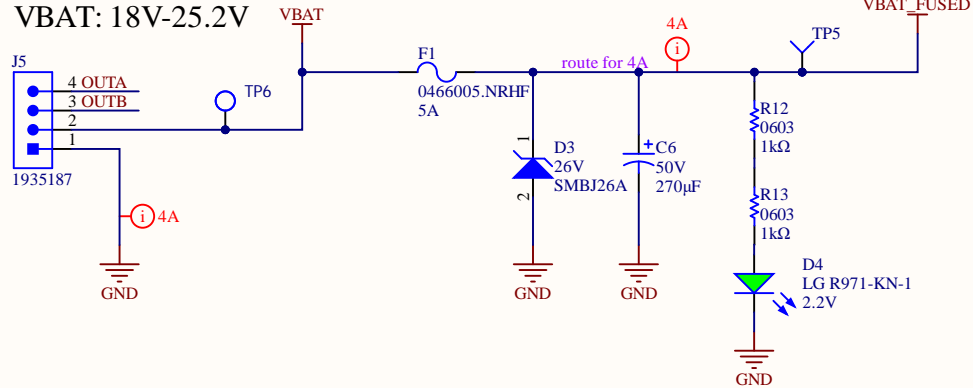
SD Card Connector



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Size	Number	Revision
A4		
Date:	11-30-2020	Sheet of
File:	C:\Users\...\SH4 - SD CARD.SchDoc	Drawn By:



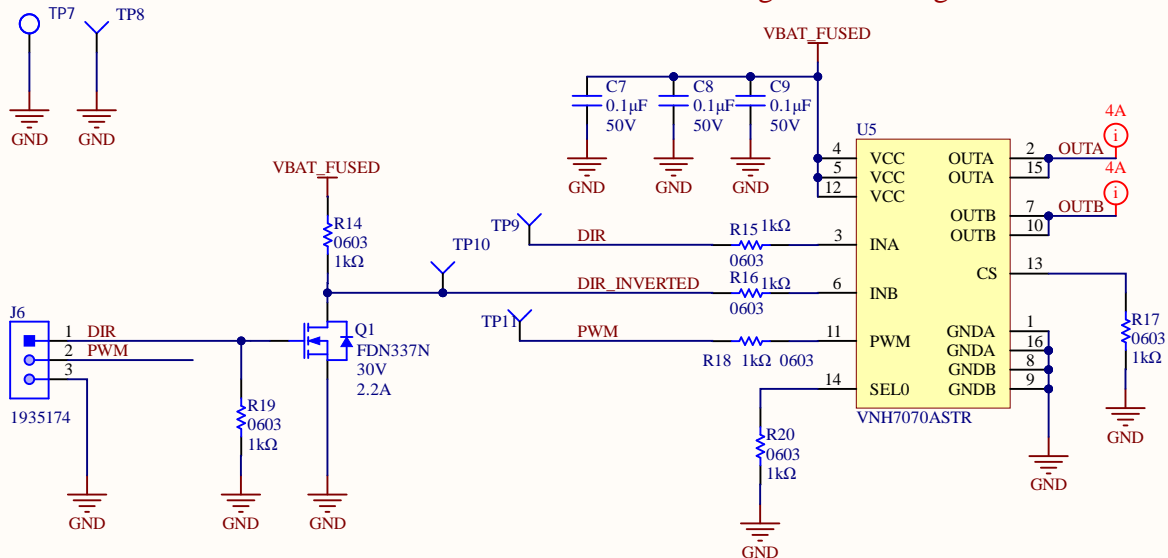
VBAT: 18V-25.2V



Motor Controller Specs

- 24V brushed motors
- 3A stall current

Integrated H-Bridge Motor Driver



Science PCB Signals
3.3V Logic

Title		
Size	Number	Revision
A4		
Date:	11-30-2020	Sheet of
File:	C:\Users\...\SH6 - BRUSHED MOTOR CONTROLLER.SchDoc	

1

2

3

4

A

A

B

B

C

C

D

D

Step 3.3V up to 5V and vice versa

Title		
Size A4	Number	Revision
Date:	11-30-2020	Sheet of
File:	C:\Users\...\SH7 - LEVEL SHIFTERS.Sch Drawn By:	

1

2

3

4