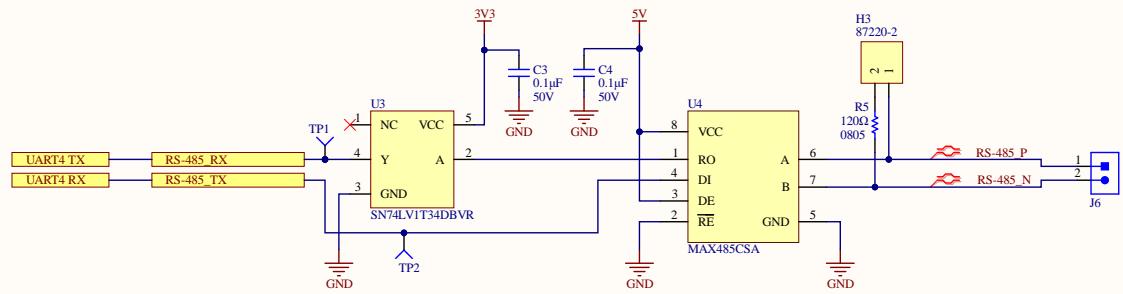


Title: *		
Project:	Nucleo Shield.PnjPcb	
Rev:	*	Checker: *
		Engineer: *
Date:	12/26/2020	Sheet: * of *

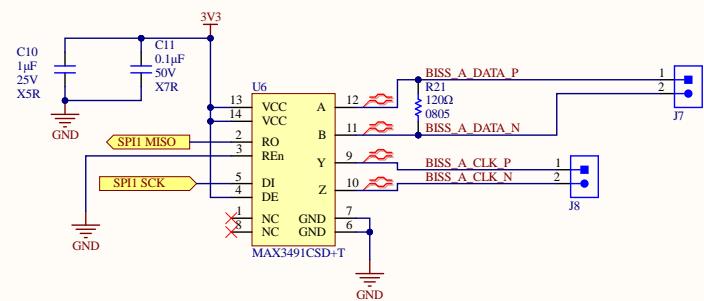


A

### RS-485 Transceiver



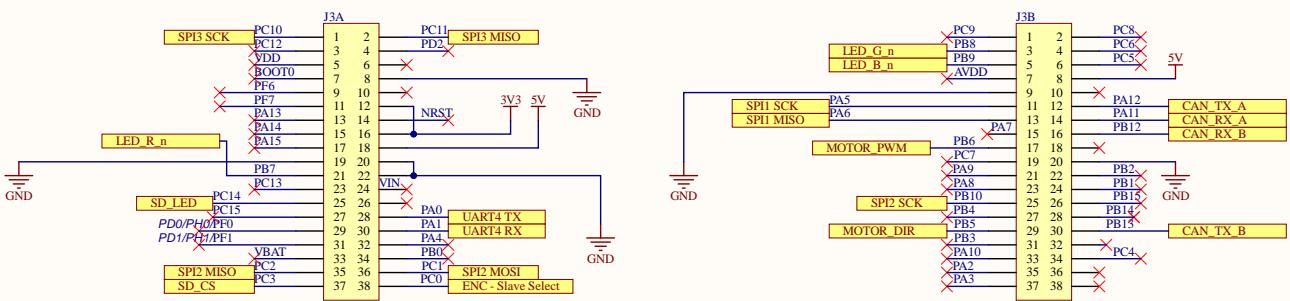
B



C

Title: *		
Project: Nucleo Shield.PnjPcb	Rev: *	Checker: *
	Engineer: *	
Date: 12/26/2020	Sheet: *	of *





Title: *		
Project: Nucleo Shield.PnjPcb	Rev: *	Checker: *
	Engineer: *	
Date: 12/26/2020	Sheet: *	of *

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1 2 3 4 5 6

A

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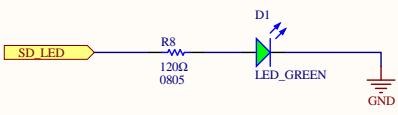
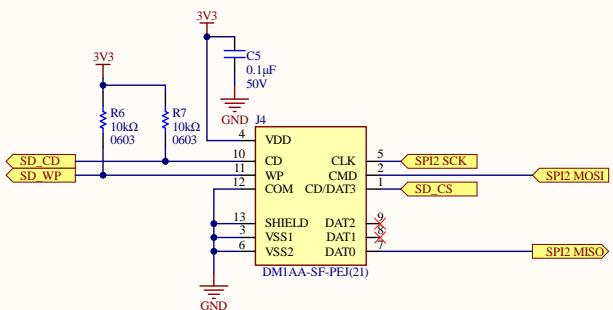
C

C

D

D

SD Card Connector



Title: *		
Project: Nucleo Shield.PnjPcb	Rev: *	Checker: *
	Engineer: *	
Date: 12/26/2020	Sheet: *	of *

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1 2 3 4 5 6

A

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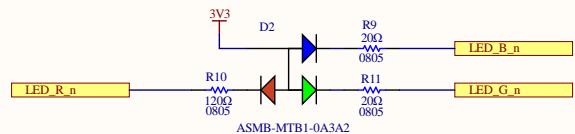
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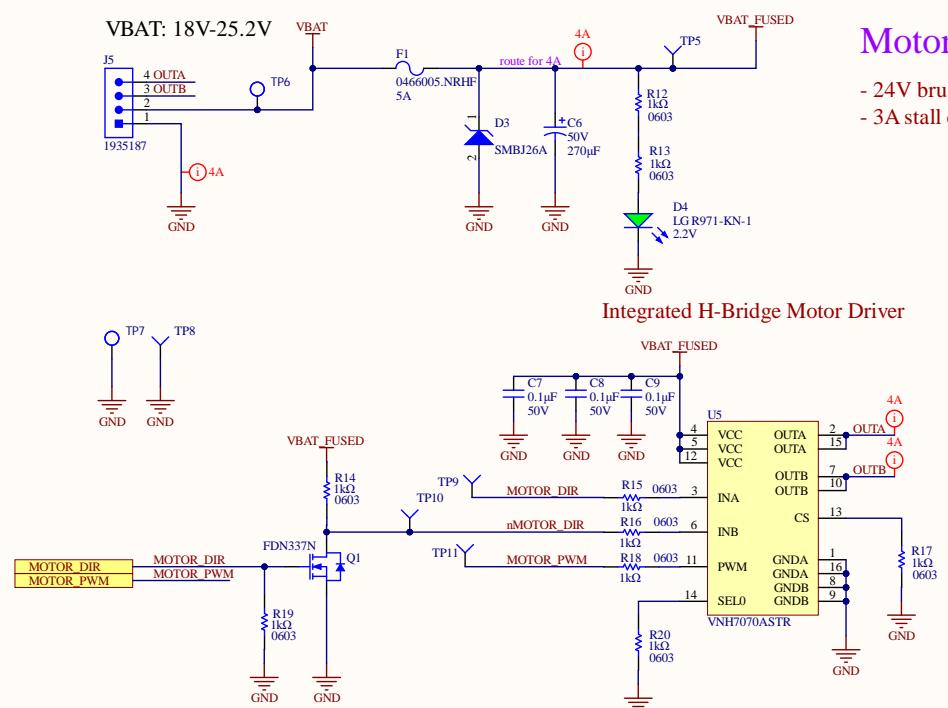
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### Status LED



Title: *	
Project: Nucleo Shield.PnjPcb	
Rev: *	Checker: *
Engineer: *	
Date: 12/26/2020 Sheet: * of *	

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## Motor Controller Specs

- 24V brushed motors
- 3A stall current

Title: *		
Project: Nucleo Shield.PnjPcb	Rev: *	Checker: *
	Engineer: *	
Date: 12/26/2020	Sheet: *	of *

A

A

B

B

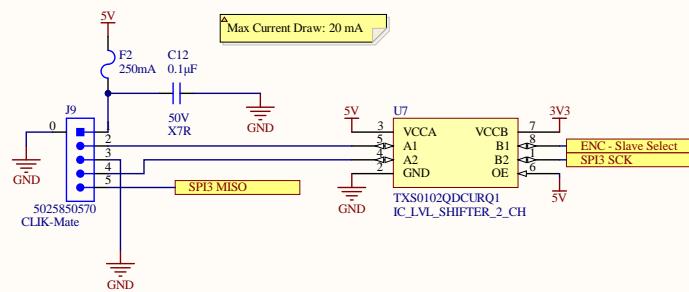
C

C

D

D

## Broadcom AEAT-6012 Encoder



Title: *		
Project:	Nucleo Shield.PjtPcb	
Rev: *	Reviewer: *	
	Engineer: *	
Date: 12/26/2020	Sheet: *	of *

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