

# EPS/LKAS Manipulator

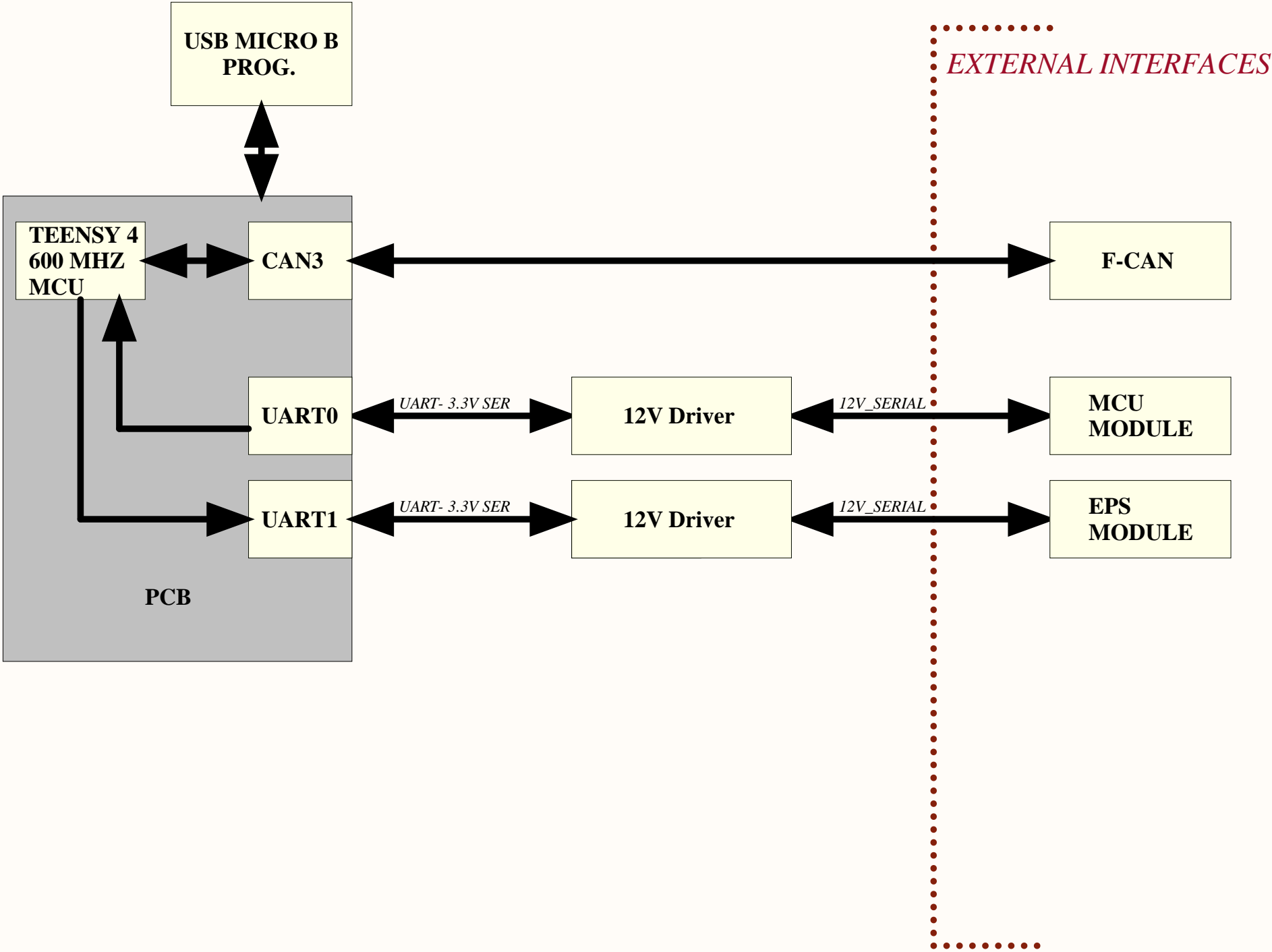
Variant: [No Variations]

1/1/2021  
V2I1

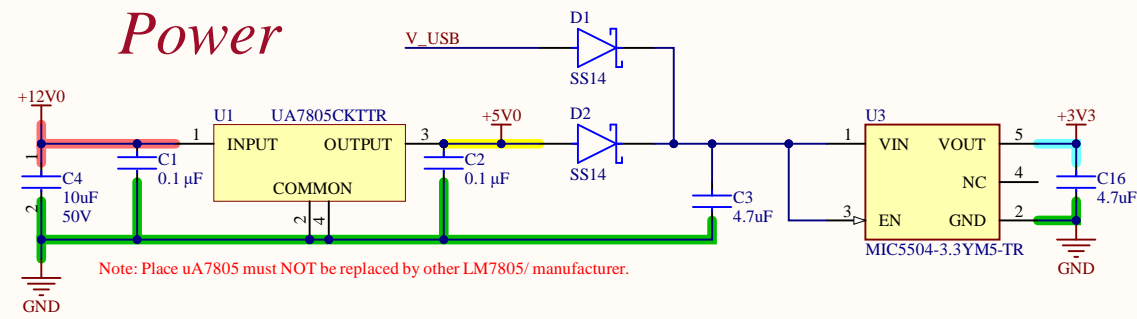
CHECKED

Page	Index	Page	Index	Page	Index	Page	Index
1	COVER PAGE	11		21		31	
2	BLOCK DIAGRAM	12		22		32	
3	CONTROLLER	13		23		33	
4	DOC REVISION HISTORY	14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

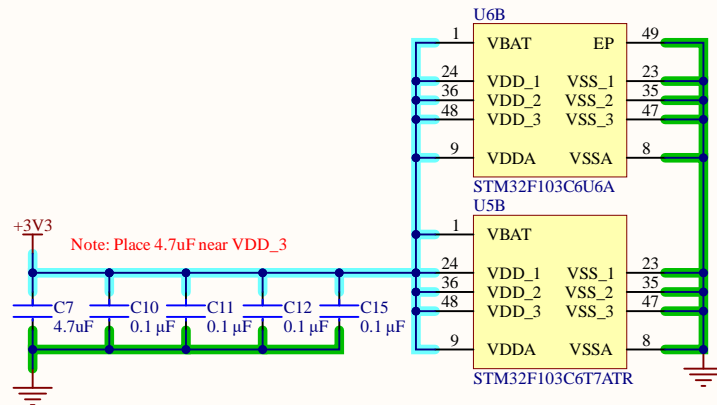
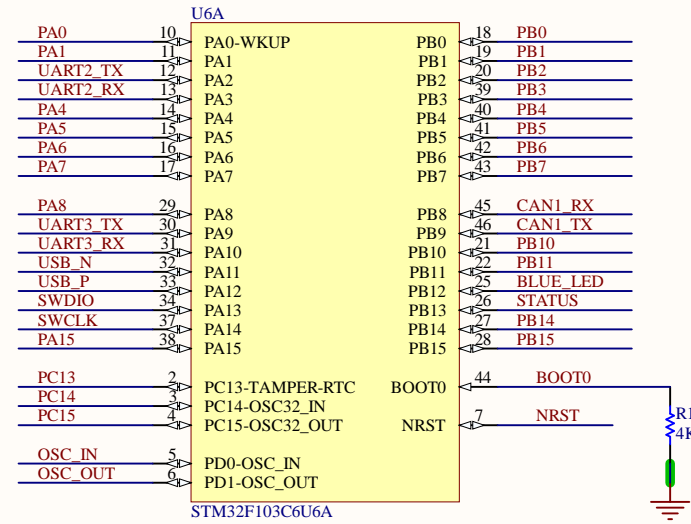
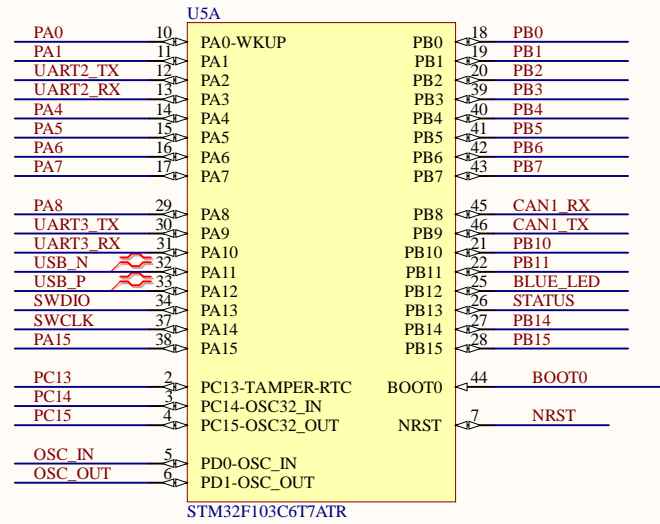
# EPS/LKAS Manipulator



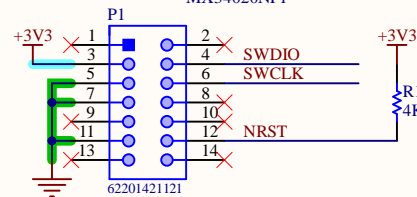
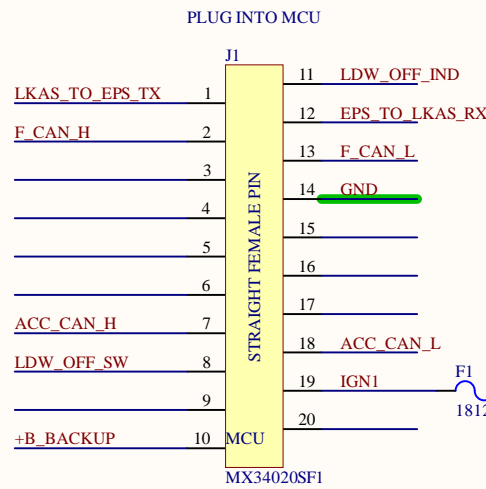
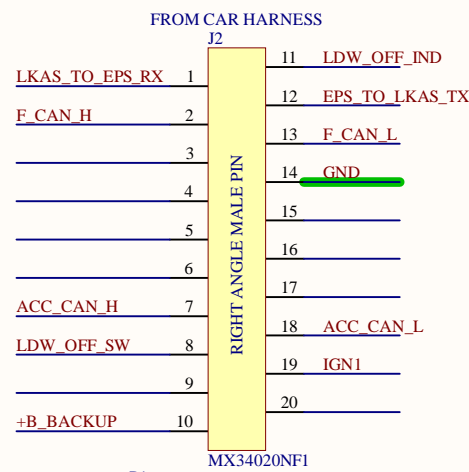
## Power



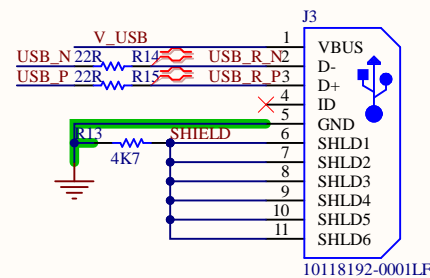
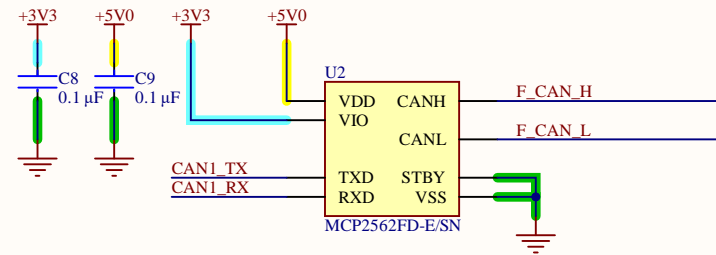
## Controller



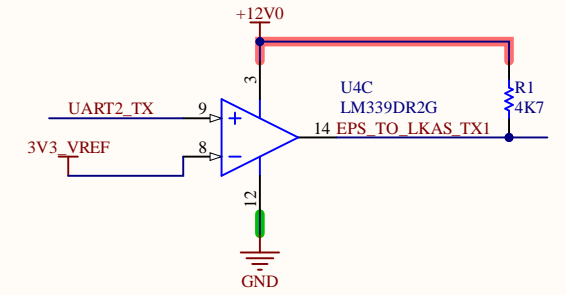
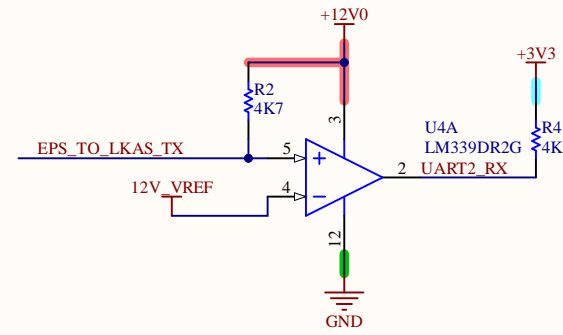
NOTE: FOR 2016/ 2017 NIDEC ACCORDS - CHECK PINOUT FOR COMPATABILITY



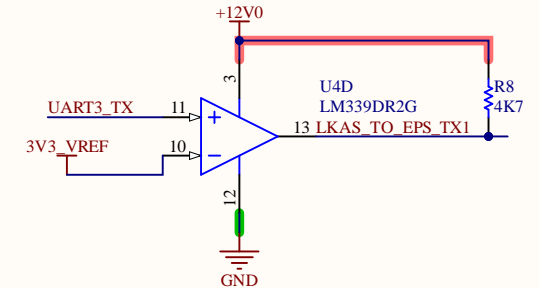
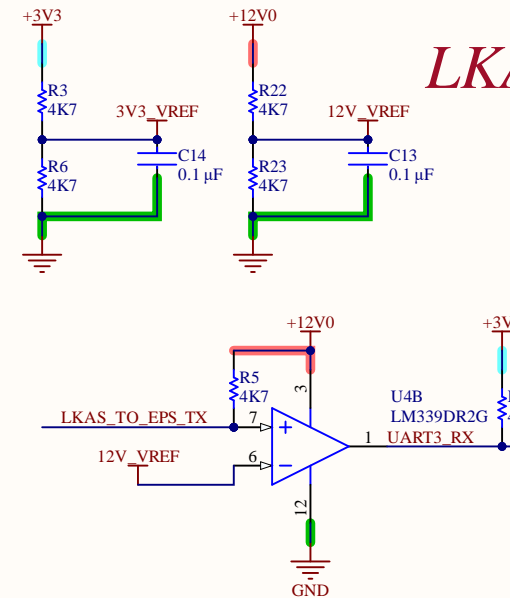
## F-CAN



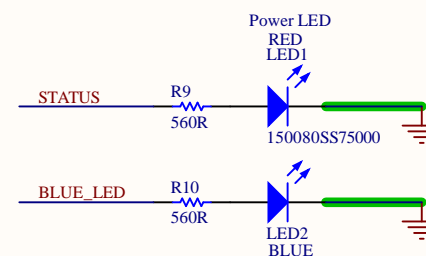
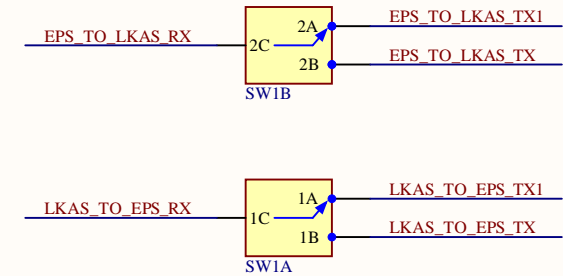
## EPS TO LKAS Serial



## LKAS TO EPS Serial



## Configuration Options



Page: [03] - CONTROLLER.SchDoc

Project: EPS-LKAS Manipulator.PrjPcb

Size: A3 Engineer: ML Revision: V211

Date: 1/1/2021 Time: 11:07:42 PM Sheet 3 of 4

# DOC: REVISION HISTORY

Page	Change	Reason	Date	Rev
.....	.....	.....	.....	.....
[03]	Replace T4 with ST32	Reduce BOM cost.	12/20/20	V2I1
[03]	Reduce PCB Size/ universal connector	Allow more applications.	12/20/20	V2I1
[03]	Replace 4CT switch with 2CT	CAN switching not necessary.	12/20/20	V2I1
[03]	Reduce component size	Reduce PCB footprint/ BOM cost	12/20/20	V2I1

Page	To Do	Reason	Rev
.....	.....	.....	.....

CLOCKS (CPU & PCB)

