EPS/LKAS Manipulator

Variant: [No Variations]

1/25/2021
V2I1

CHECKED

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Page: *[01] - COVER PAGE.SchDoc*		
Project: *EPS-LKAS Manipulator.PrjPcb*		
Size: A3	Engineer: ML	Revision: V2I1
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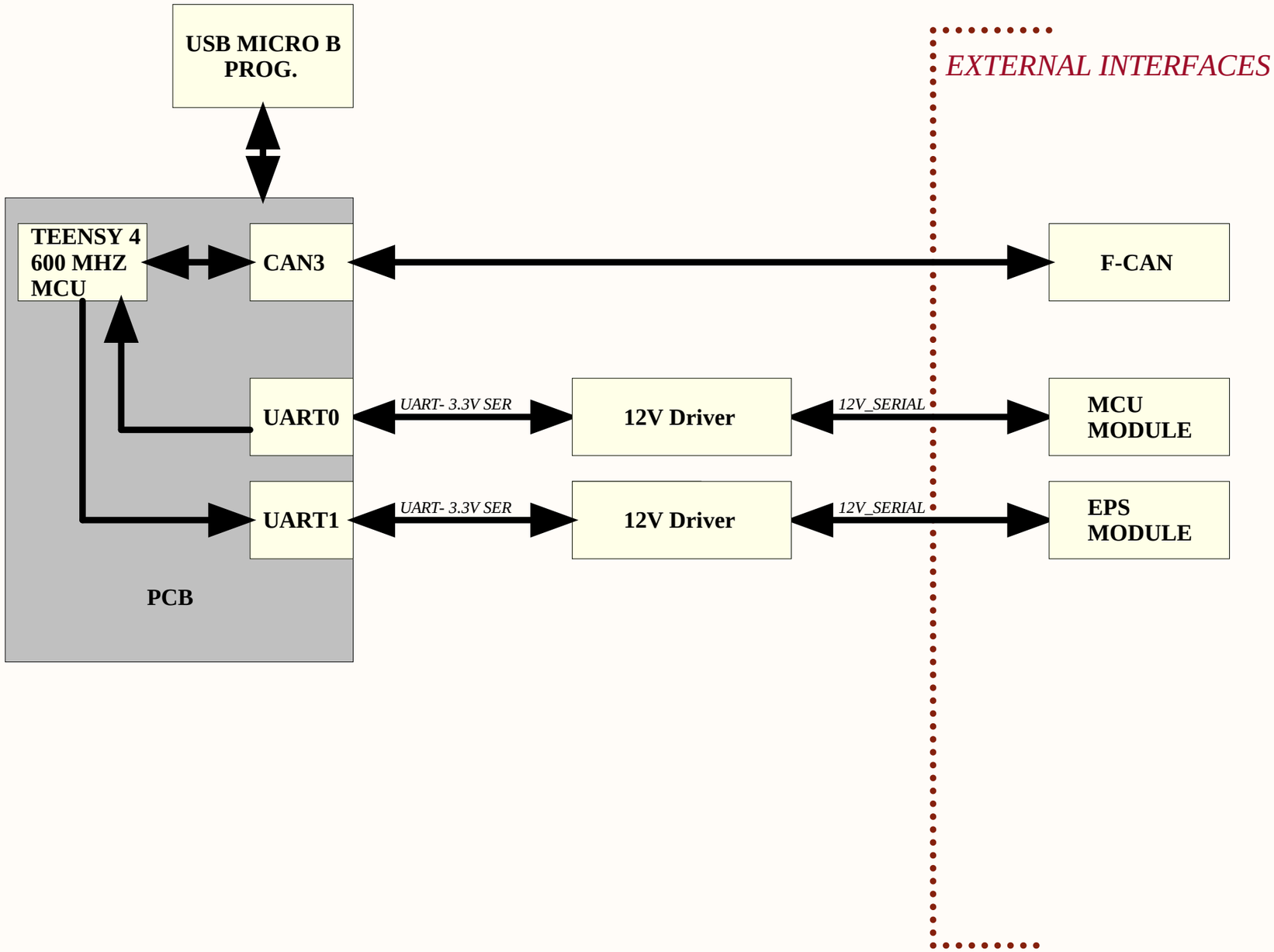
EPS/LKAS Manipulator



Page: *[02] - BLOCK DIAGRAM.SchDoc*		
Project: *EPS-LKAS Manipulator.PrjPcb*		
Size: A3	Engineer: ML	Revision: V2I1
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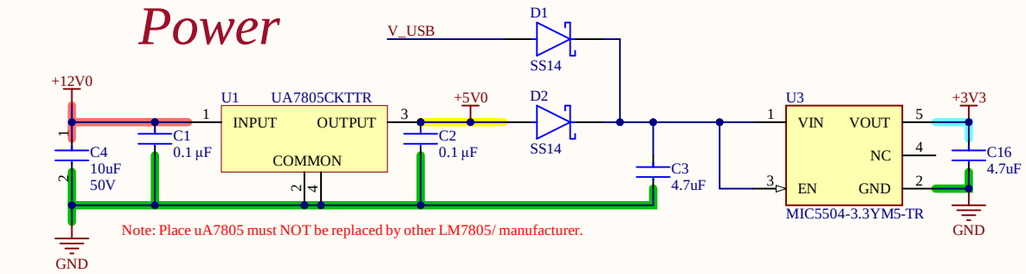
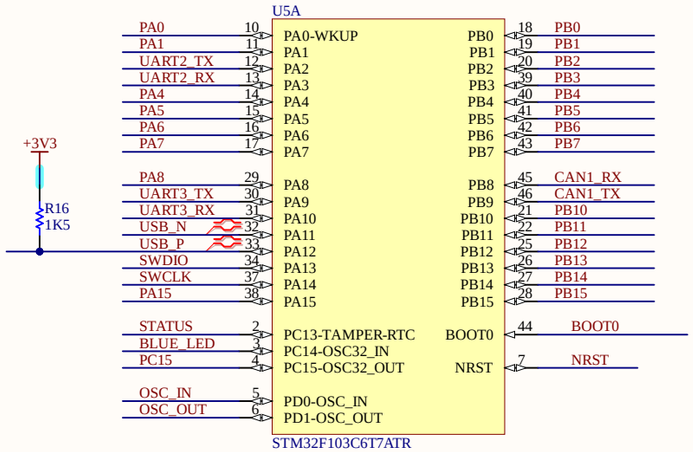
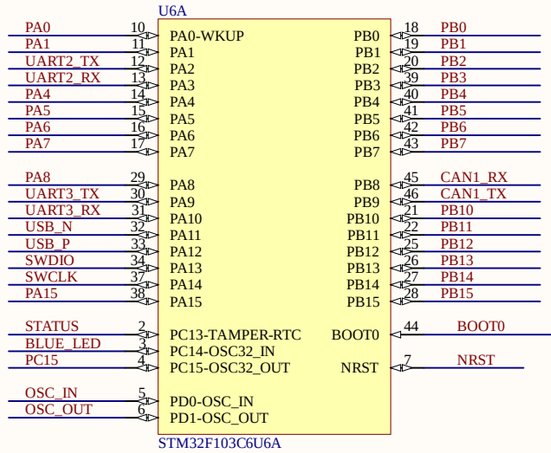
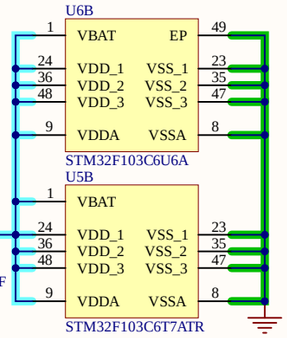
Controller

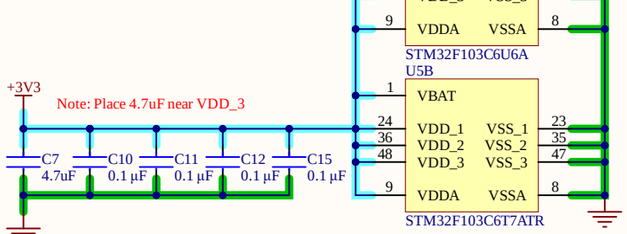
Power

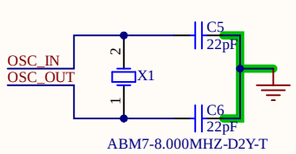




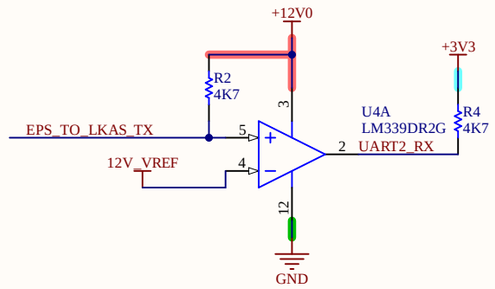


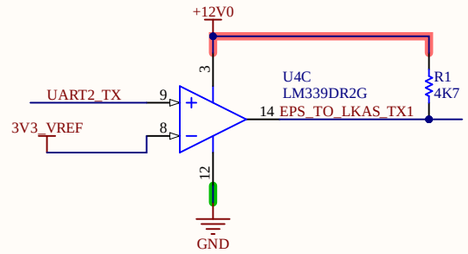




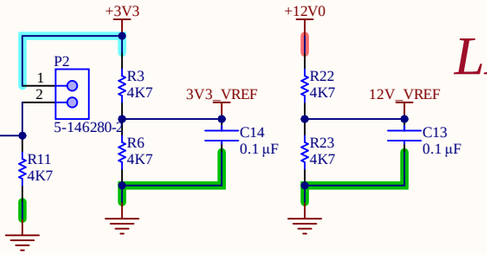


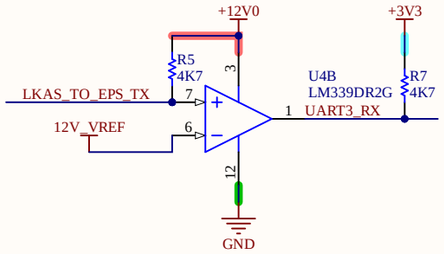
EPS TO LKAS Serial

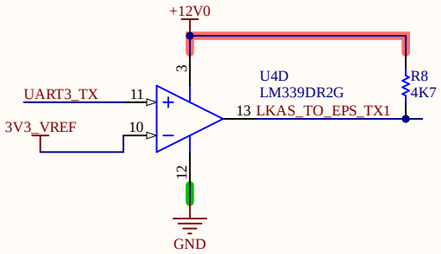




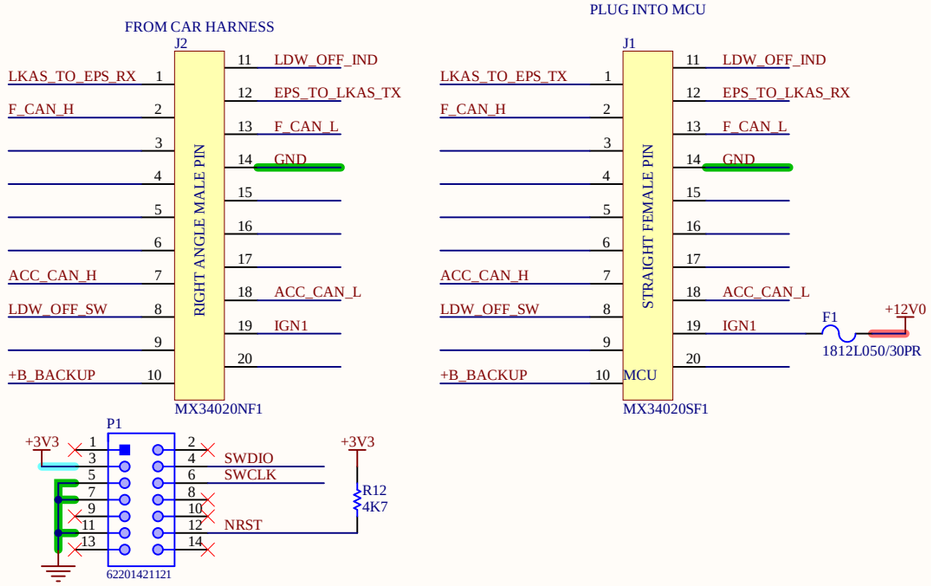
LKAS TO EPS Serial



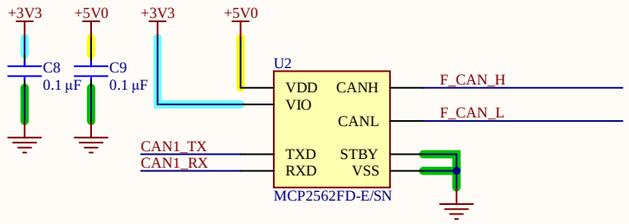


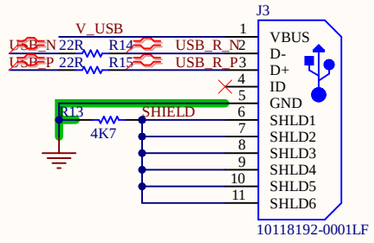


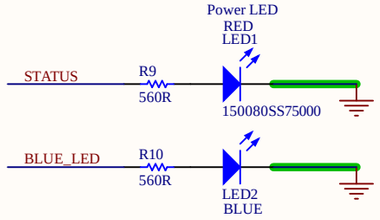
NOTE: FOR 2016/ 2017 NIDEC ACCORDS - CHECK PINOUT FOR COMPATABILITY



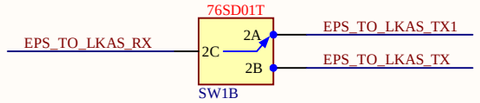
F-CAN

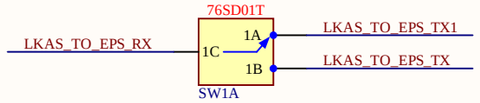






Configuration Options





Page: *[03] - CONTROLLER.SchDoc*		
Project: *EPS-LKAS Manipulator.PrjPcb*		
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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
[03]	Layout, 1K5 res, BOOT0 Jumper	Reduce PCB Size, added 1k5 USB_P	1/25/2020	V2I4

Page	To Do	Reason	Rev

CLOCKS (CPU & PCIE)

Page: *[04] - DOC REVISION HISTORY.SchDoc*		
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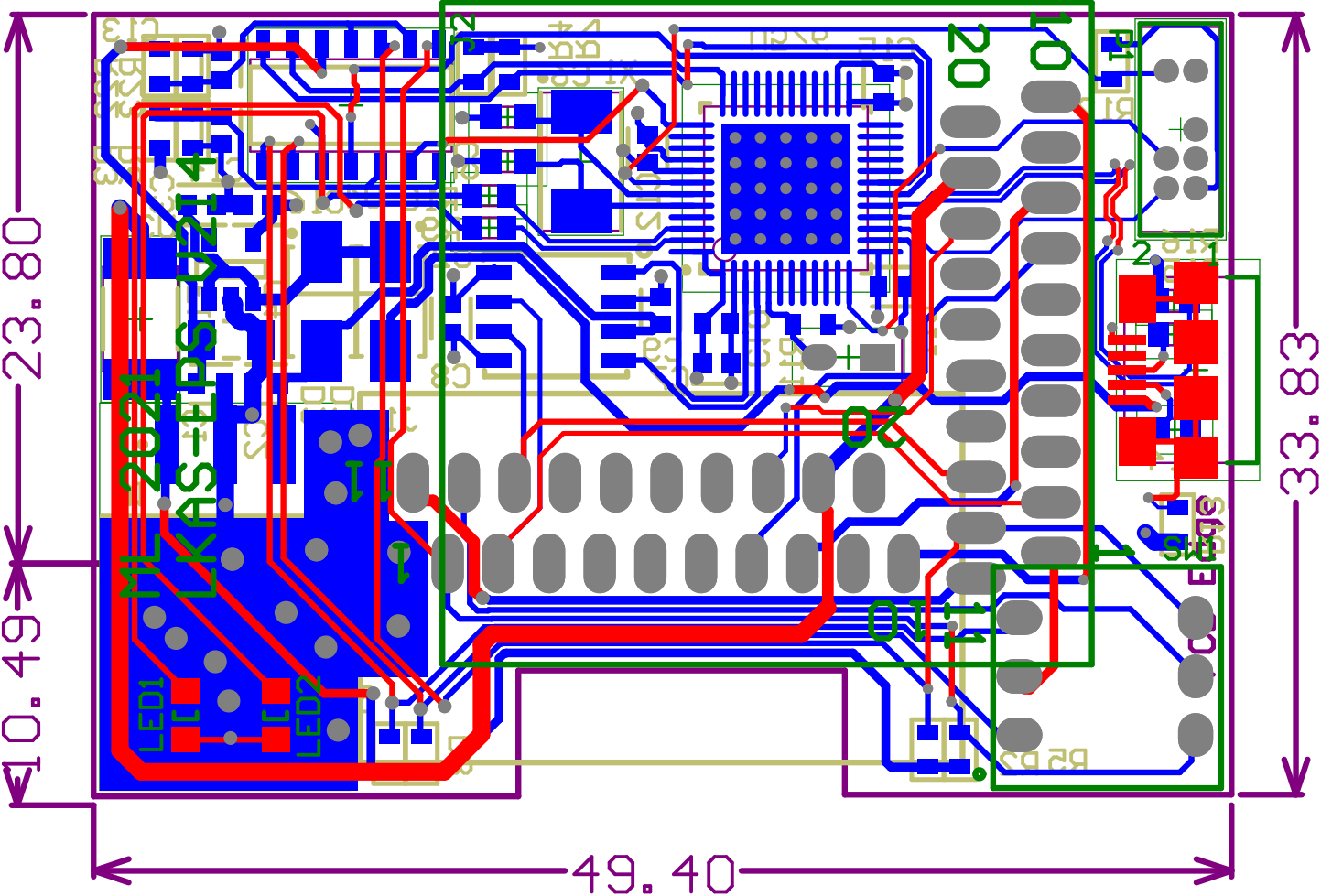
23.80
33.83
10.49
49.40
ML 2021
LKAS-EPS-DZ214
LED1
LED2
SW1
Edge