



T7 PROWLER / R14 GATOR

Changelog:

Q25010-SCH_revQ
Q25010-PCB_revT:
 Change naming convention to QXXXXX-SCH/PCB_revX
 Convert from OrCAD to Altium
 Change J17 and J18 to Q15020-040
 Change J7 to Q17010-004
 Change J11 to Q17010-003


- PCB

BOM

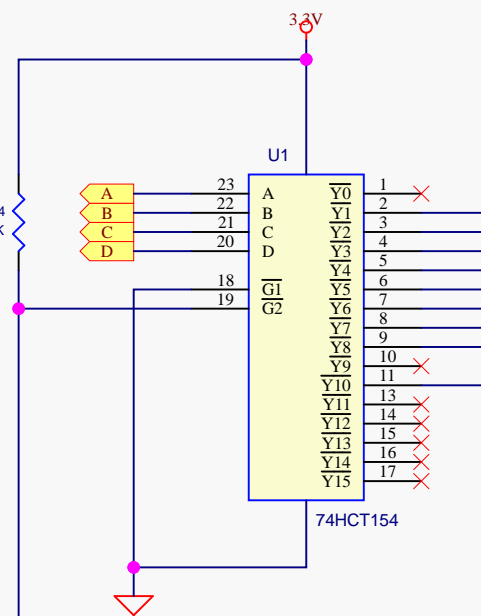
Q25010-PCB_revT
PCB, PROWLER/GATOR
- J1-S

BOM

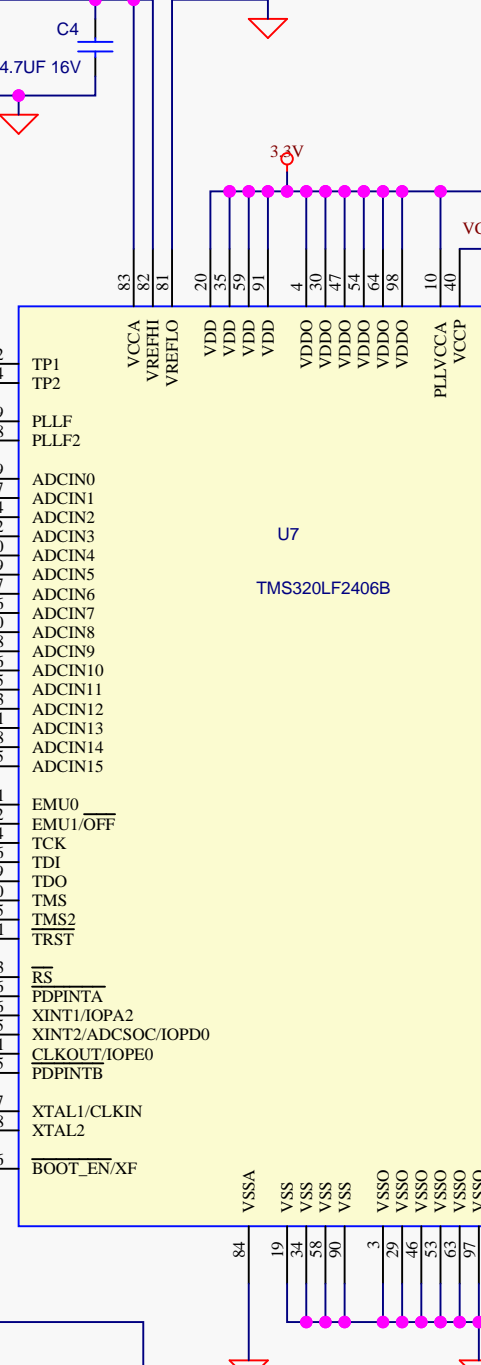
Q17013-001

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		Q	PROWLER/GATOR		
		Size:	DISK, D LOWES, D CHINA, CYL, & GATOR		
		B			
		Document Number Q25010-SCH		Engineer A. Lam	
		Date: 7/3/2025		Sheet 1 of 8	

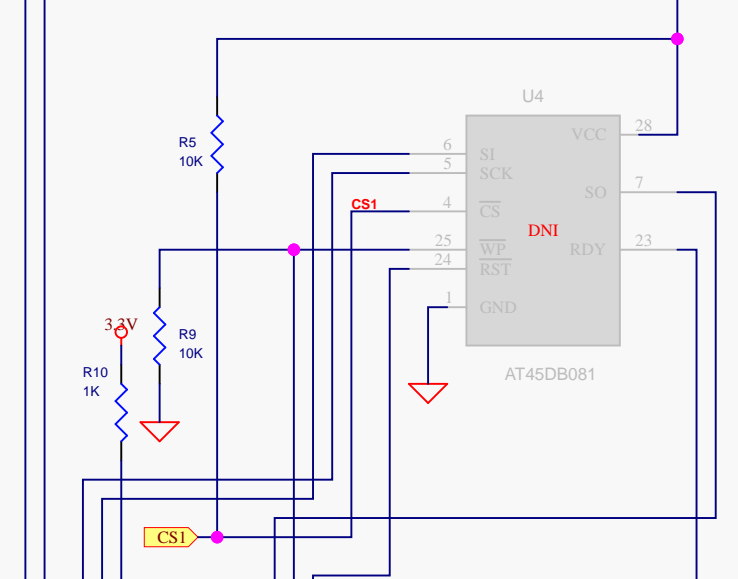
CHIP SELECT DECODER



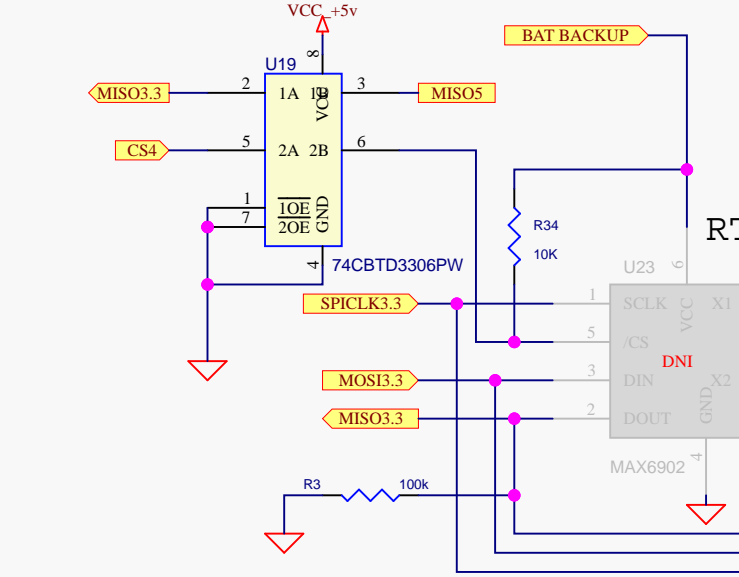
DSP



FLASH MEMORY



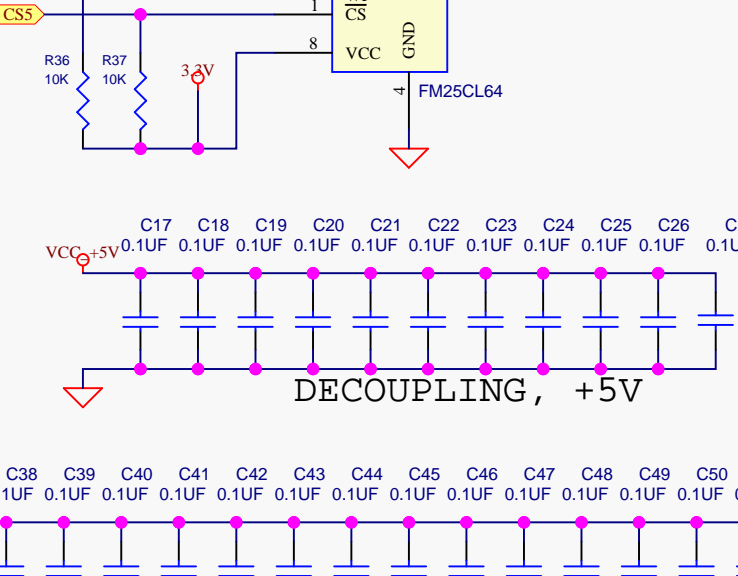
LEVEL TRANSLATION



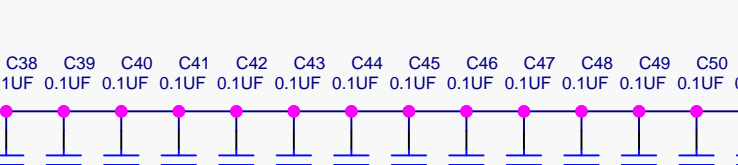
RTC



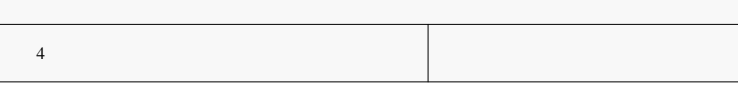
FRAM



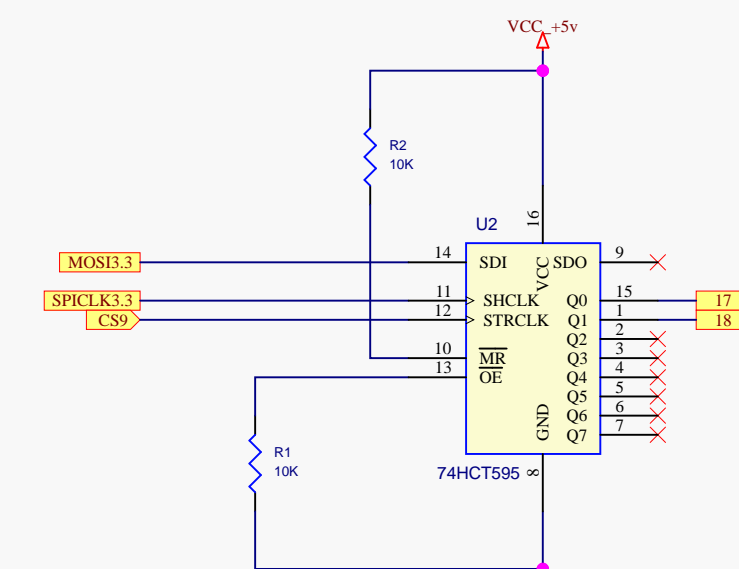
DECOUPLING, +5V



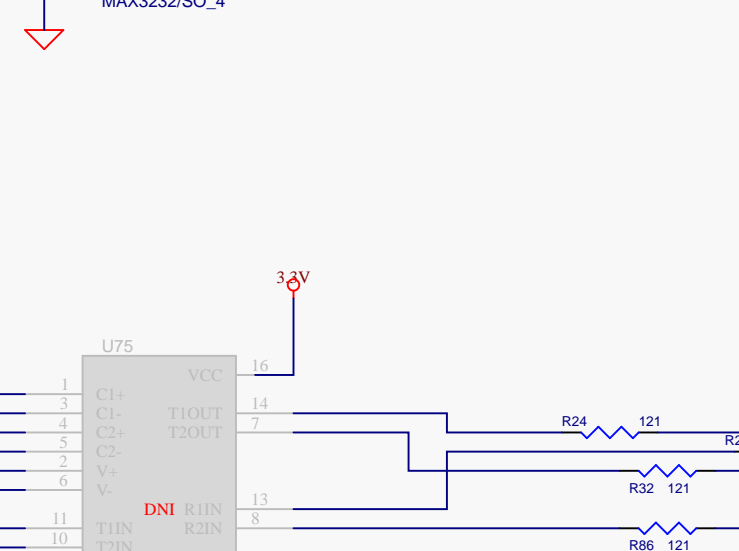
DECOUPLING, +3.3V



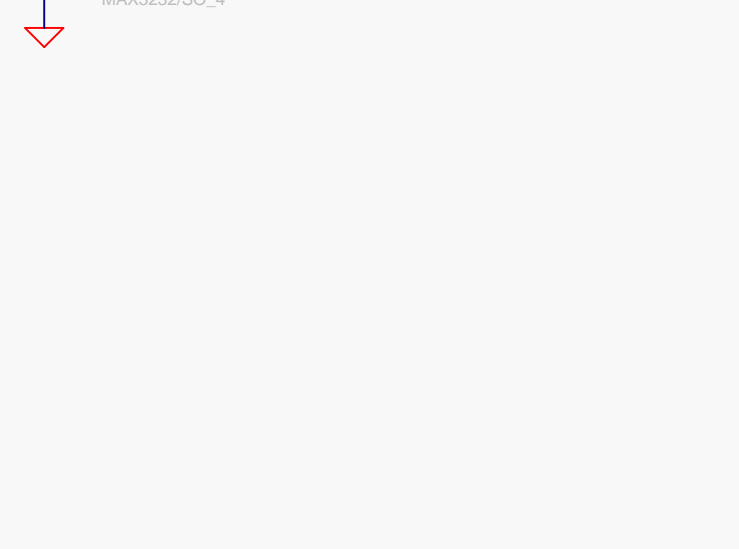
DISPLAY



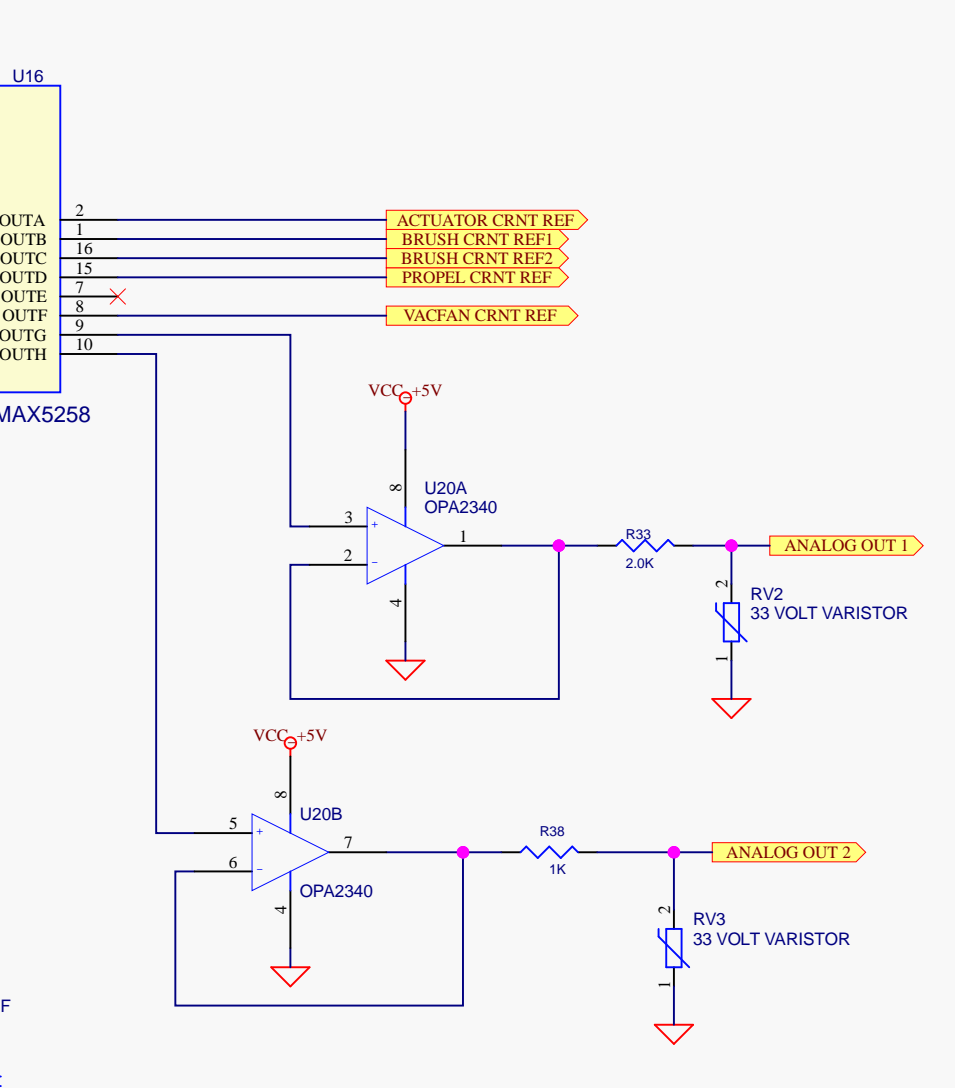
RS232



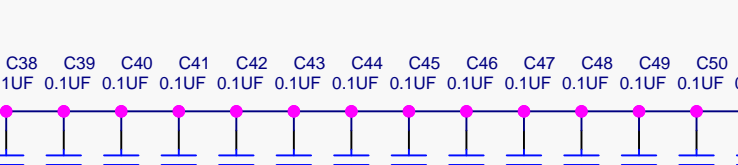
RS232



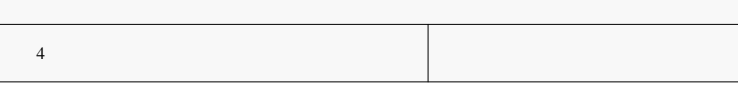
D/A

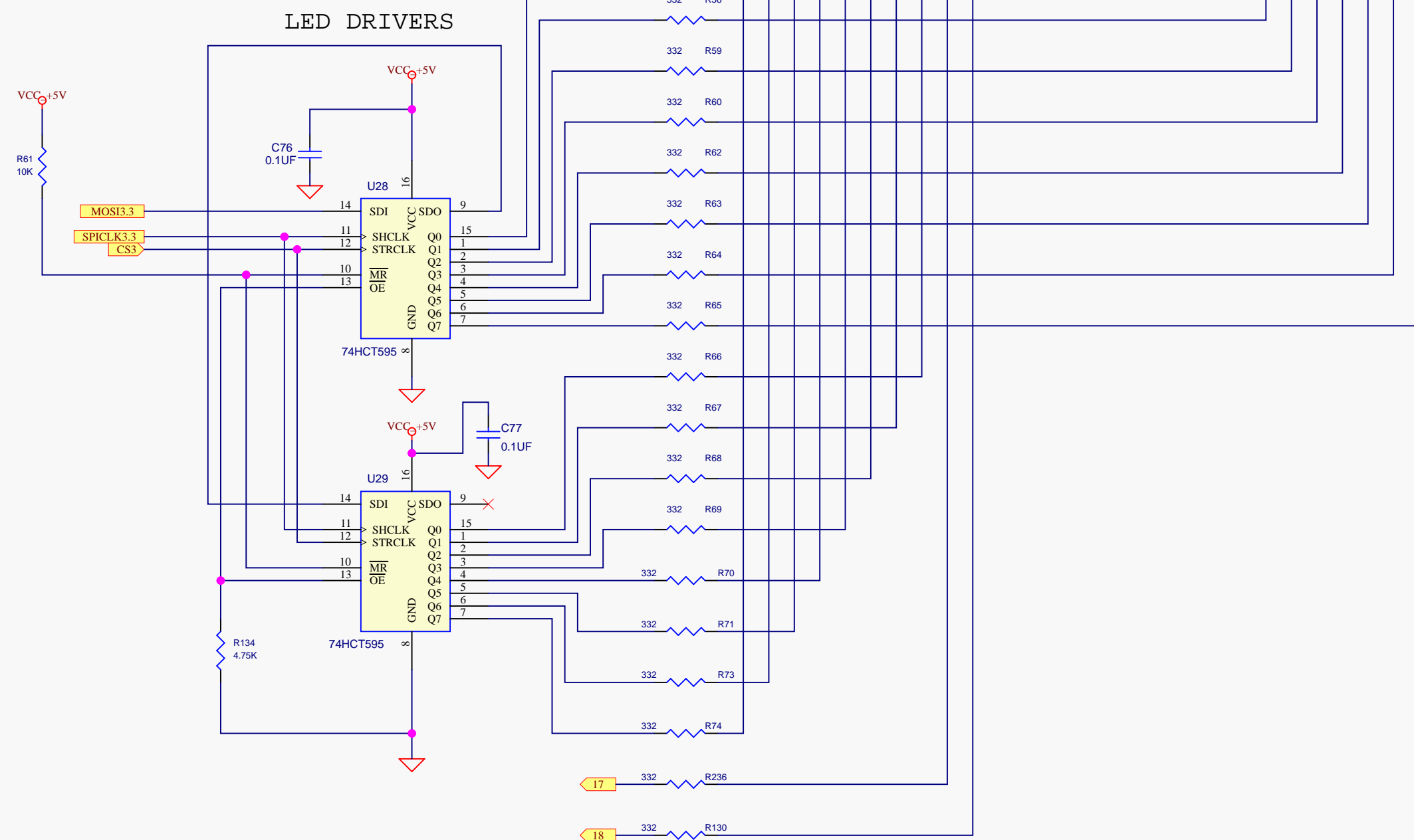
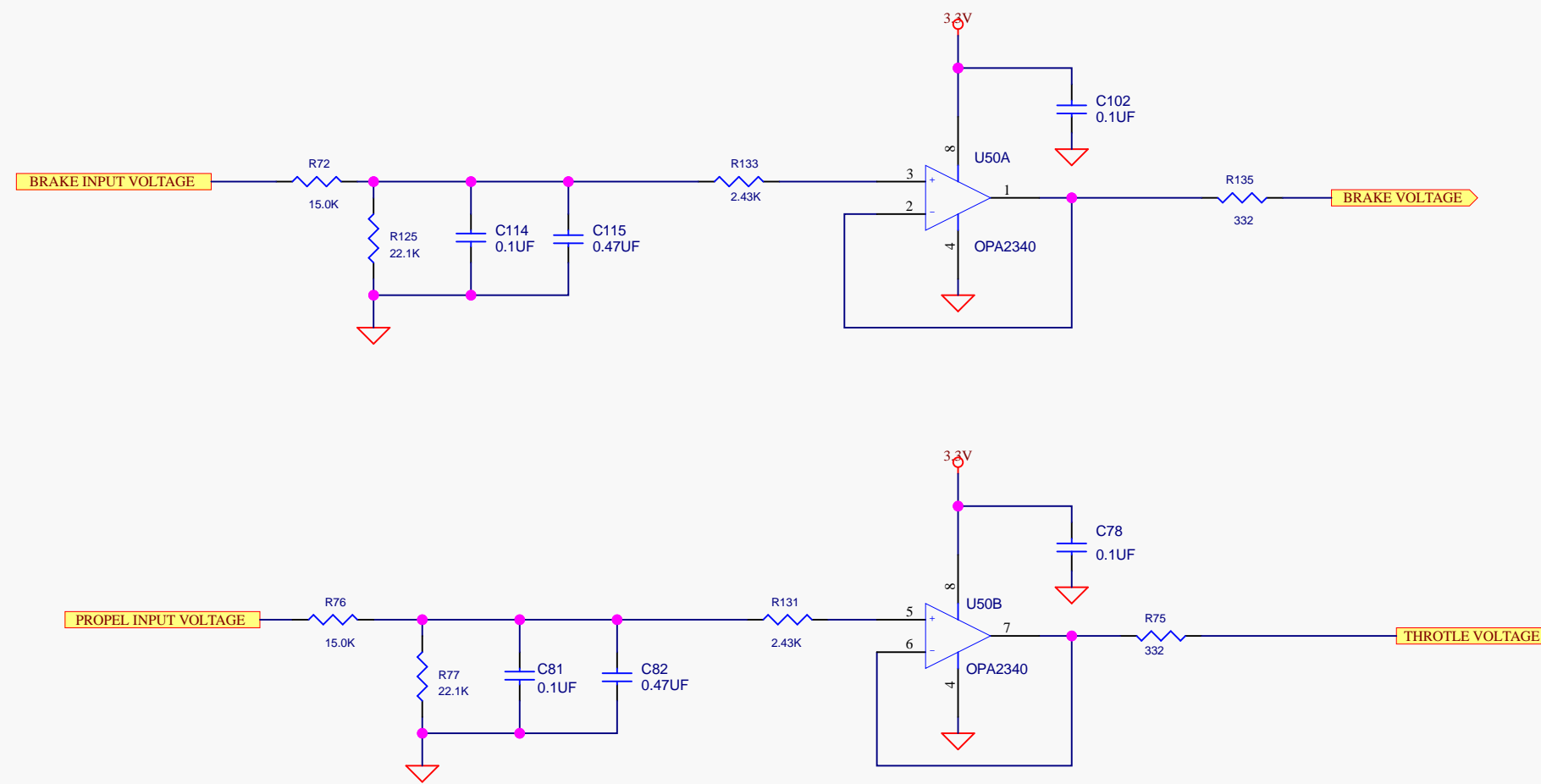
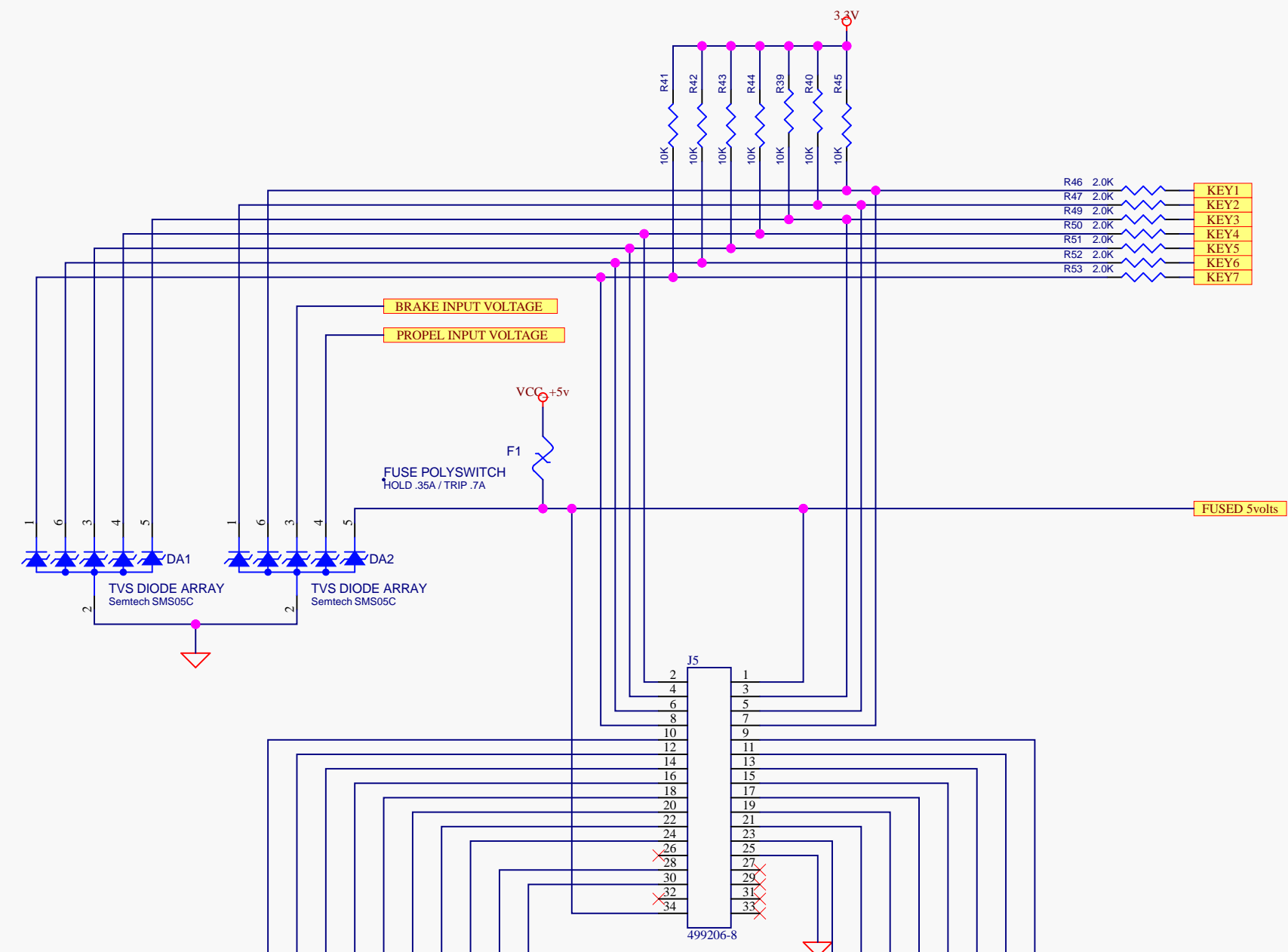
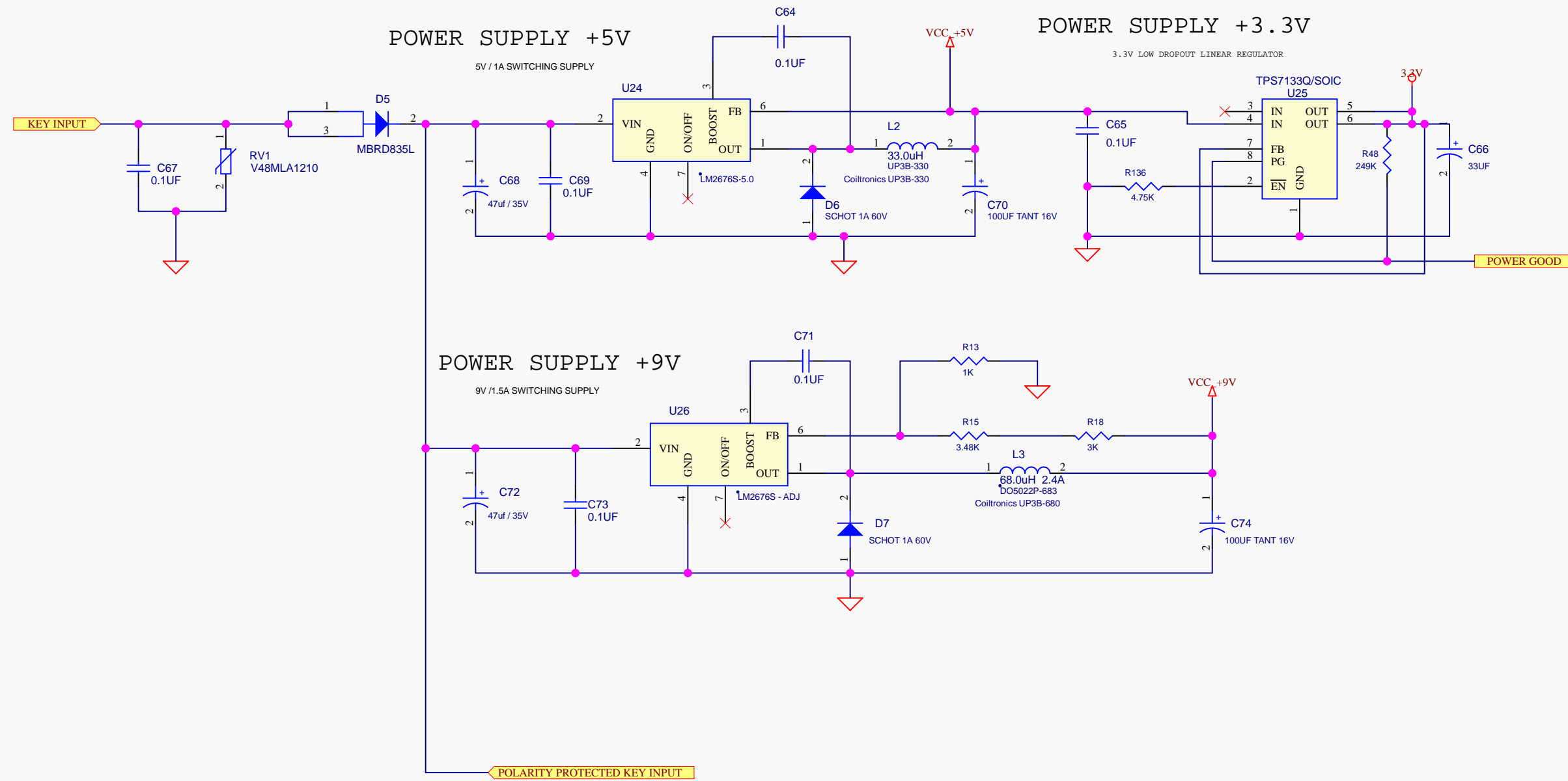


DECOUPLING, +5V



DECOUPLING, +3.3V





5V RESET & H-BRIGE DISABLE

ACTUATOR LIFT / LOWER
SQUEEGEE / BRUSH

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