

COVER PAGE

THR320

FLYNN

2022.01.10

NOTE

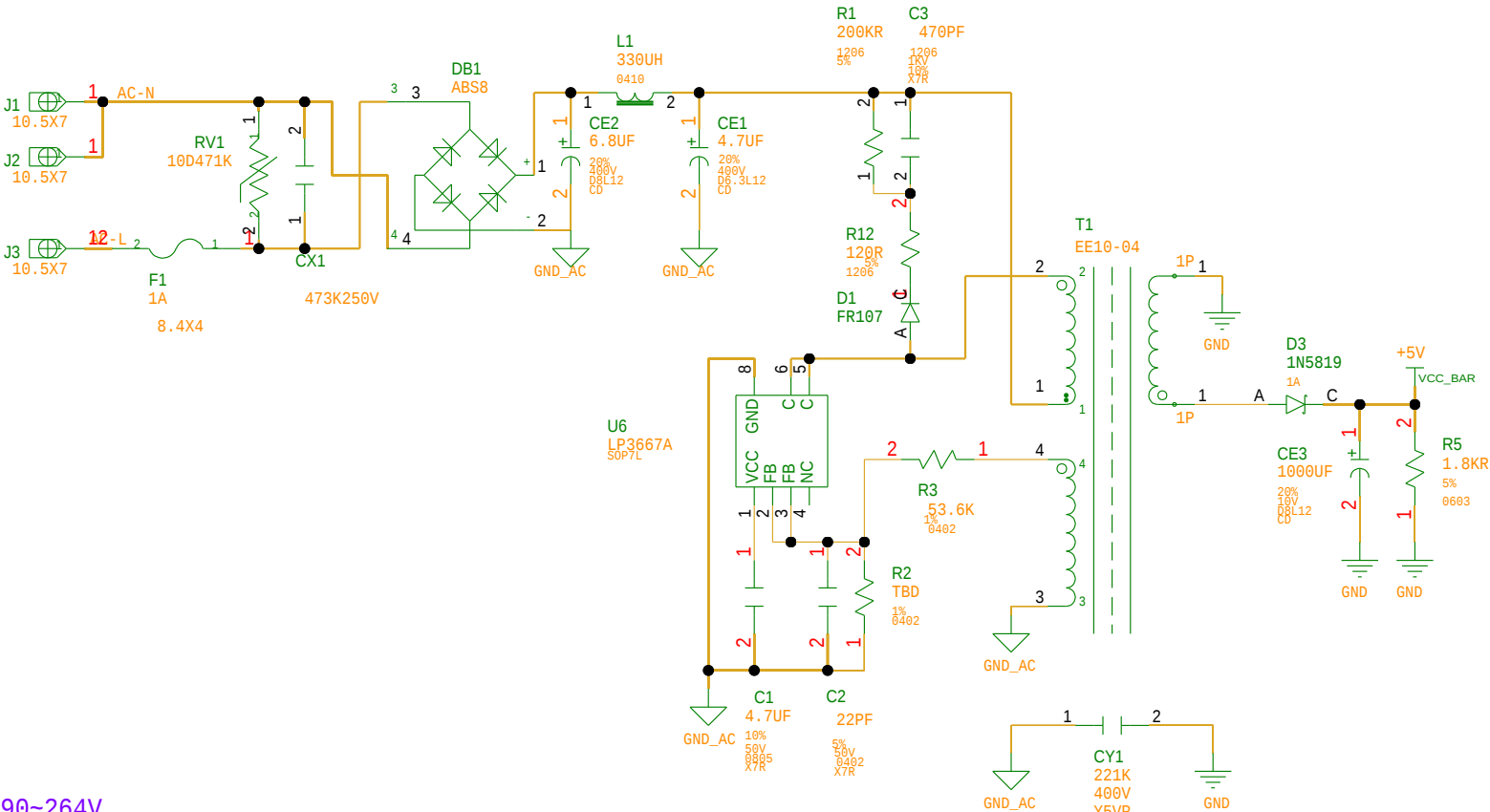
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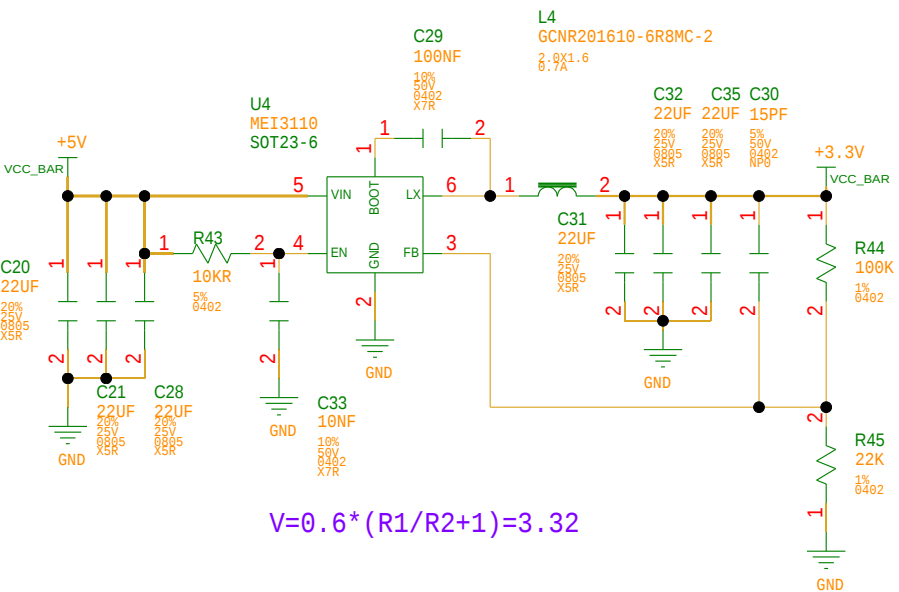
8		7		6		5		4		3		2		1		
D	VERSION		MODIFICATION DETAILS								DESIGNER		DATE		D	
	V1.0		FIRST EDITION								FLYNN		2021.12.03			
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AC-DC



INPUT: AC90~264V
OUTPUT: DC5V/0.6A MAX

DC-DC 5V TO 3V3

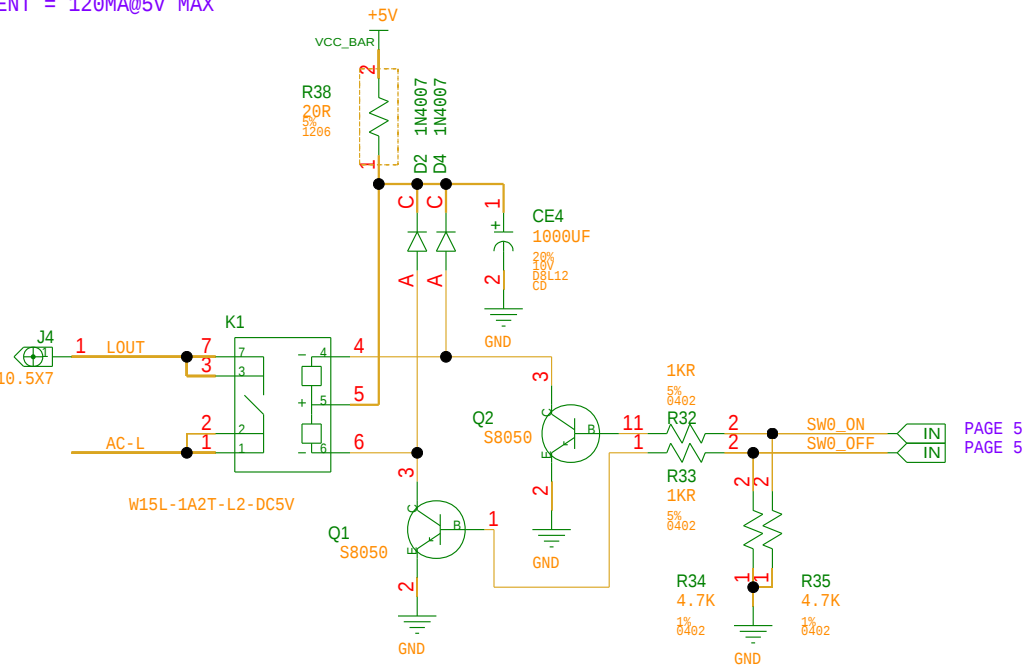


$V=0.6*(R1/R2+1)=3.32$

OUTPUT: DC3V3/0.5A MAX

RELAY OUTPUT(20A)

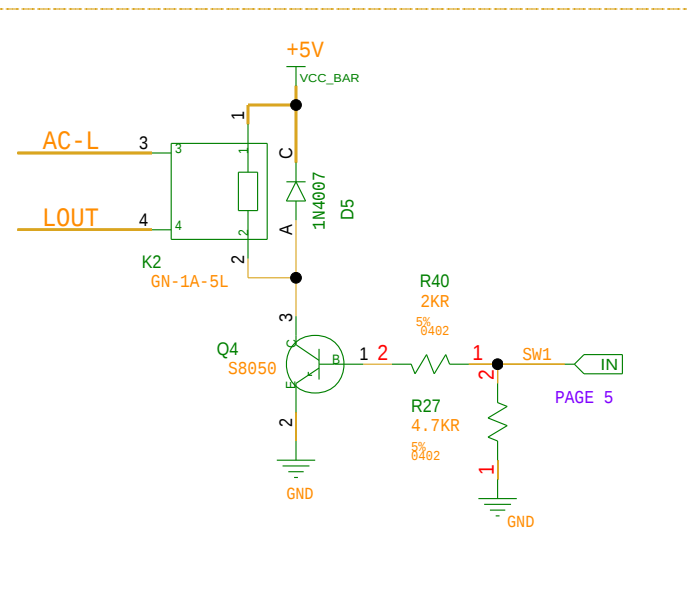
CURRENT = 120MA@5V MAX



SUPPORT FOR 20A MODEL

RELAY OUTPUT(16A) (BOM NC)

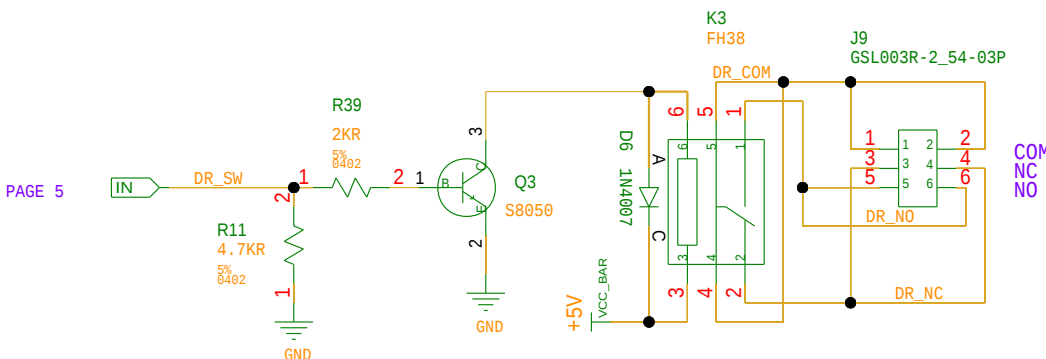
CURRENT = 40MA@5V MAX



SUPPORT FOR 16A MODEL

DRY CONTACT

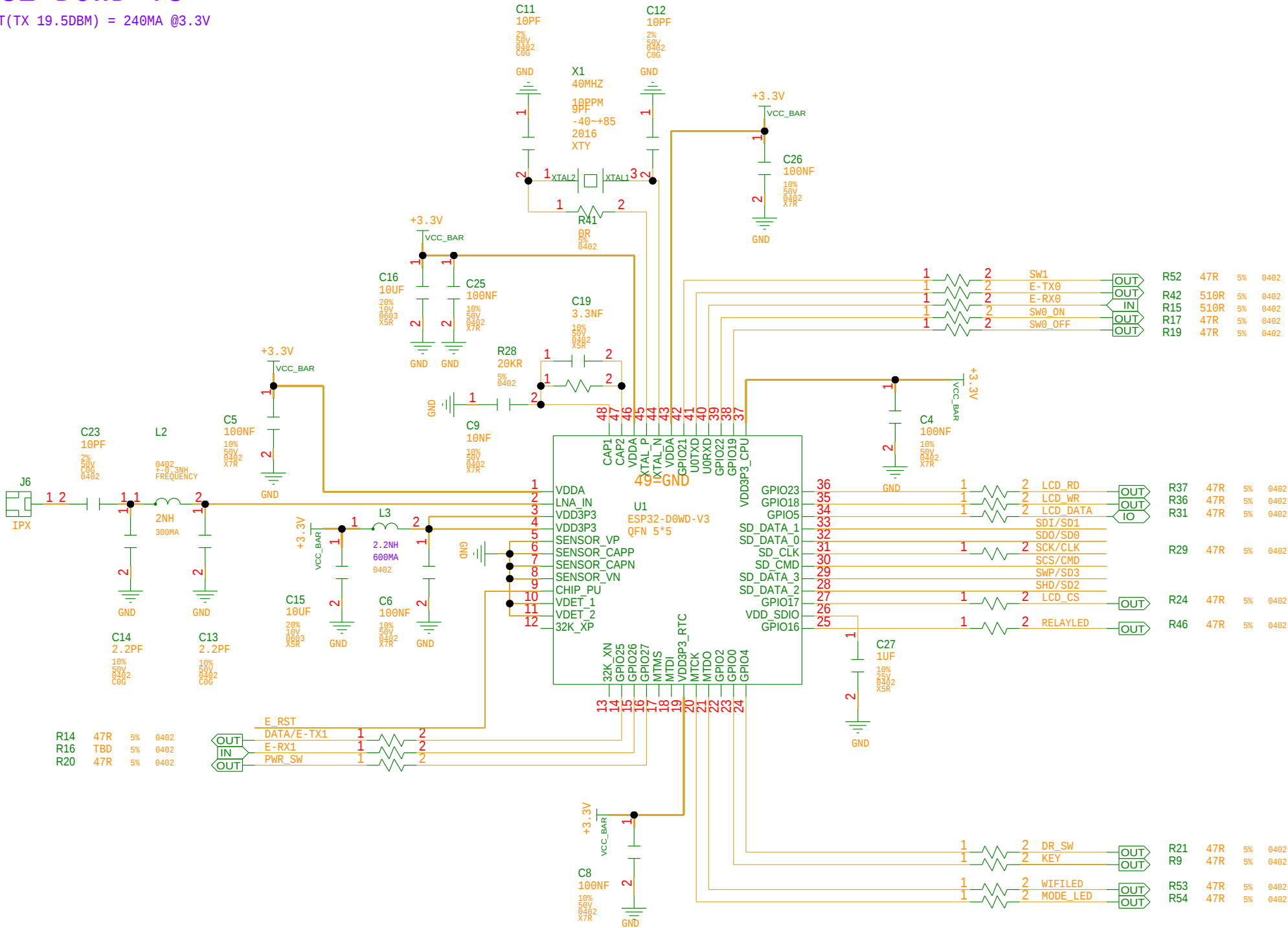
CURRENT = 40MA@5V



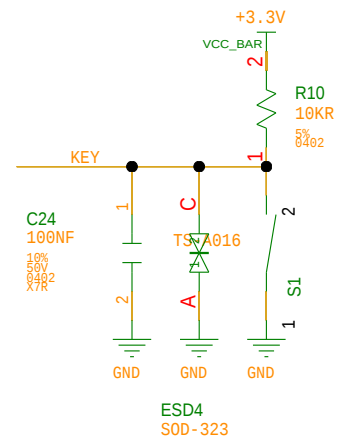
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ESP32-D0WD-V3

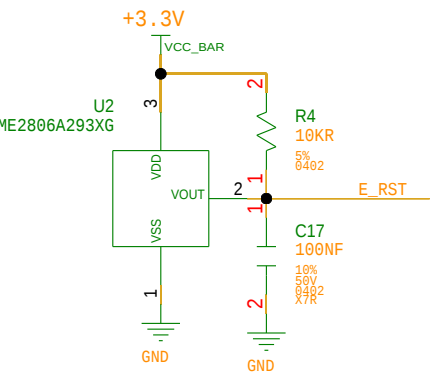
CURRENT(TX 19.5DBM) = 240MA @3.3V



KEY

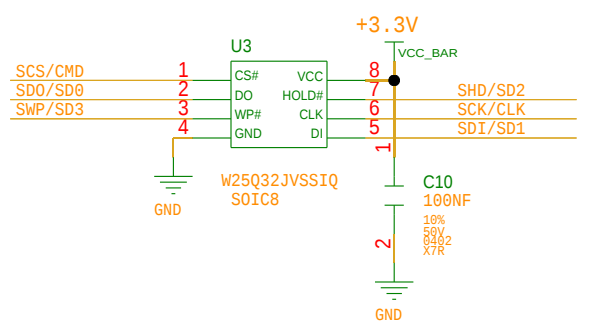


RST



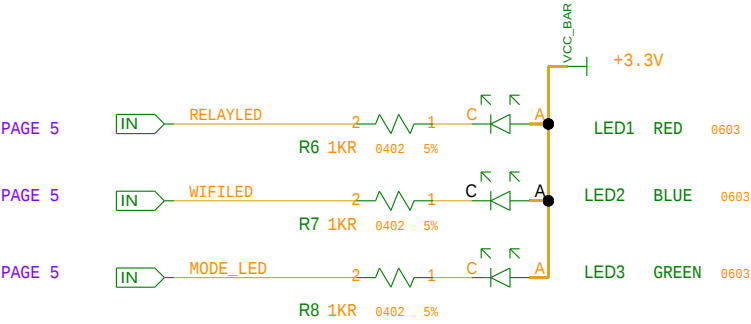
SPI FLASH

CURRENT = 25MA @3.3V MAX

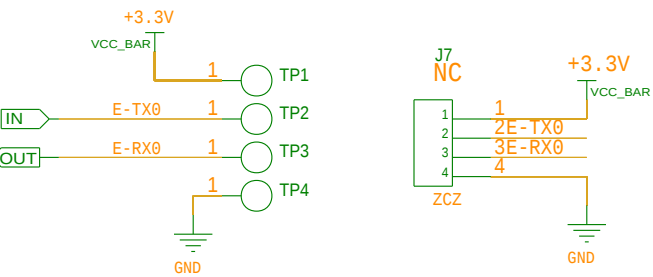


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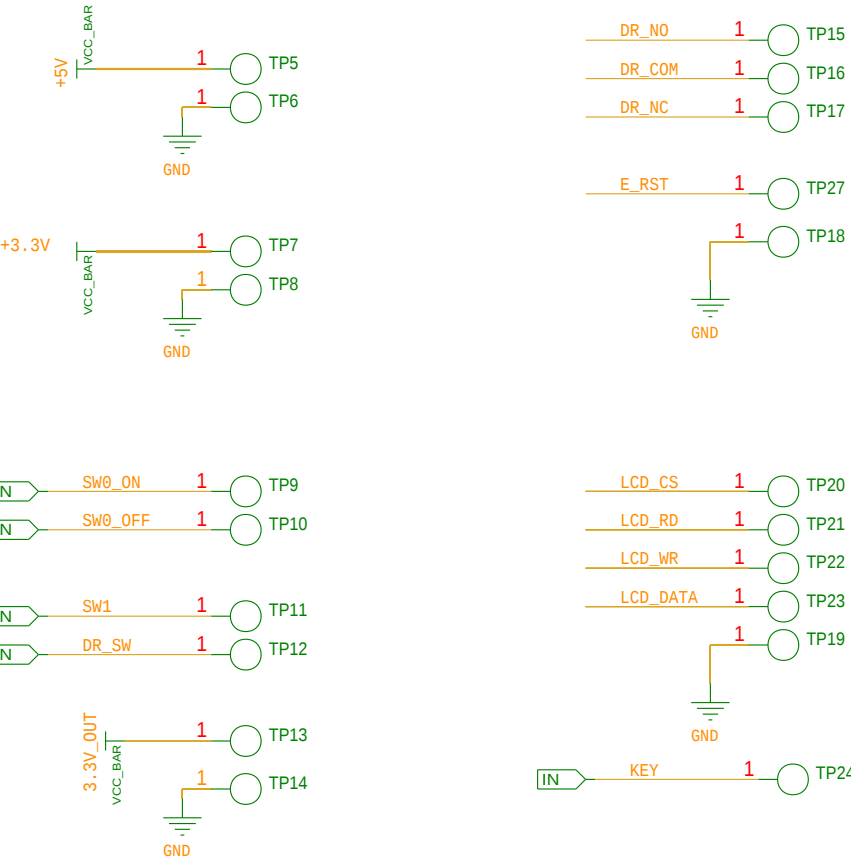
LED



ISP

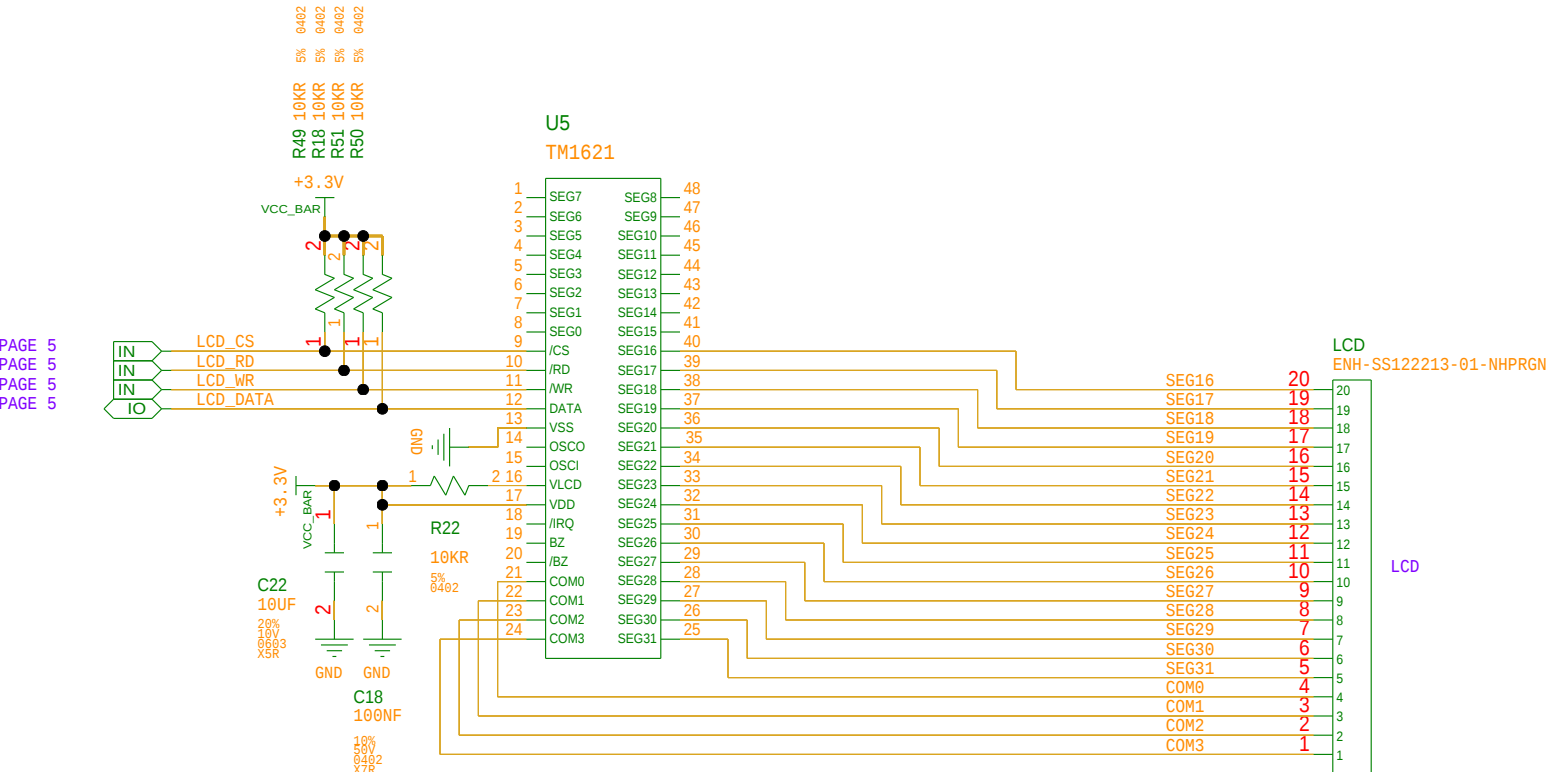


TEST POINT

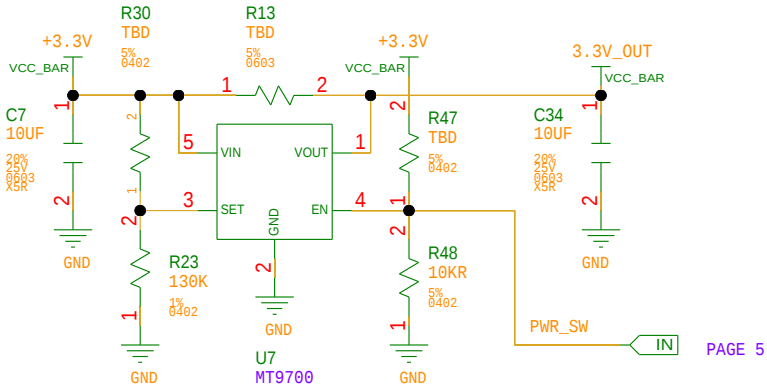


LCD

CURRENT = 3MA @3.3V MAX



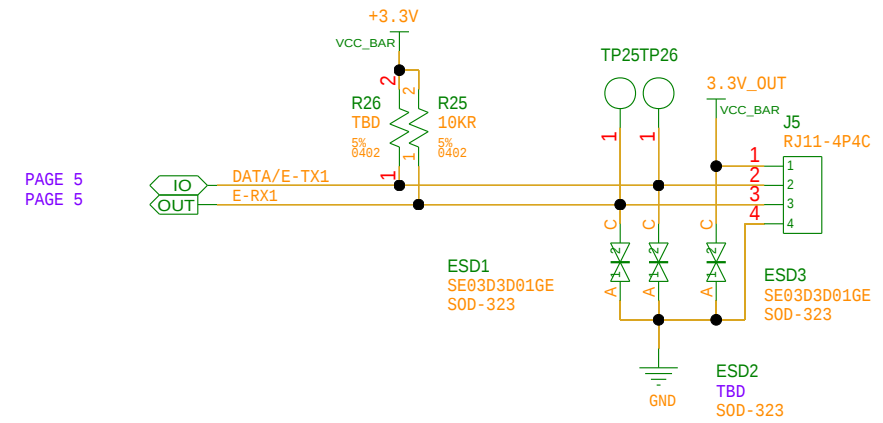
TEM AND HUM POWER SUPPLY



CURRENT LIM:I(A)=6800/R23
OUTPUT = 50MA MAX

TEM AND HUM INTERFACE

CURRENT = 50MA @3.3V MAX



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