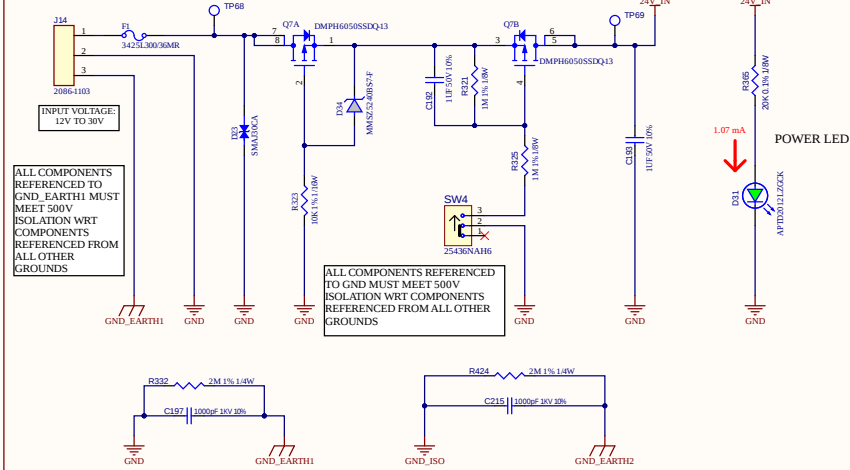


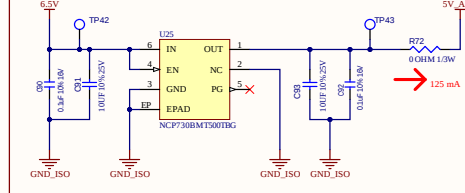
INPUT POWER PROTECTION AND SWITCH

FOR FUSE F1, VMAX: 36V
IHOLD: 3A
IHOLD AT 70C: 1.93A
Max voltage drop across the fuse F1 @ 1.68A = $1.68 \times 0.06 = 0.1V$

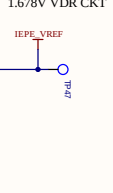
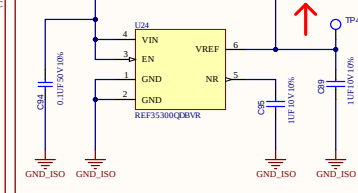
0.672 A @ 30V INPUT
0.84 A @ 24V INPUT
1.68 A @ 12V INPUT



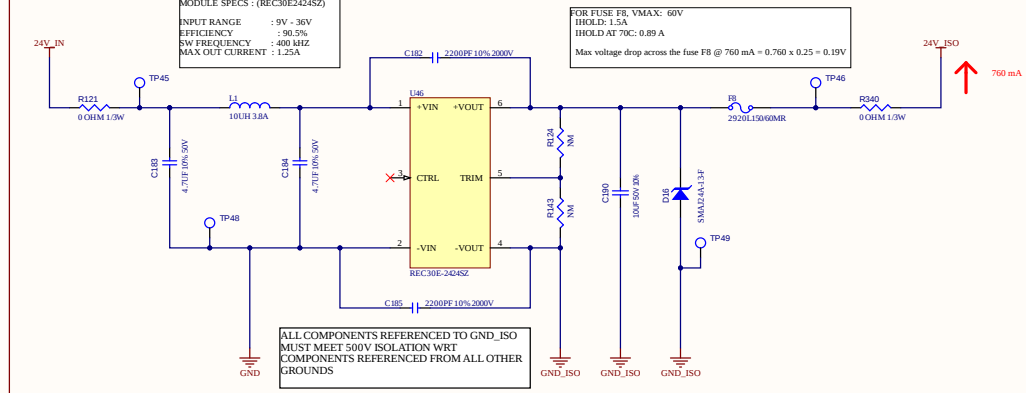
5V_ADC



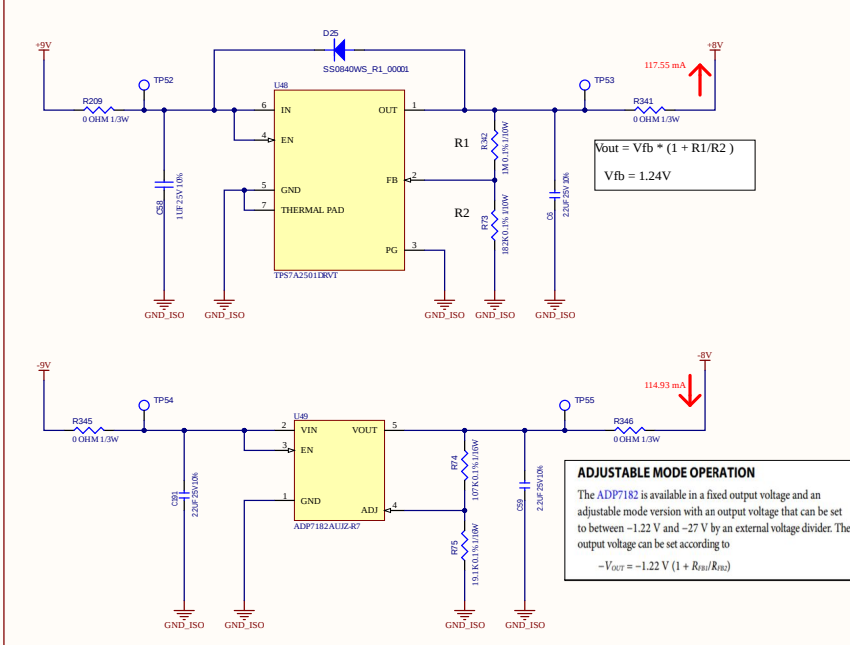
3VREF



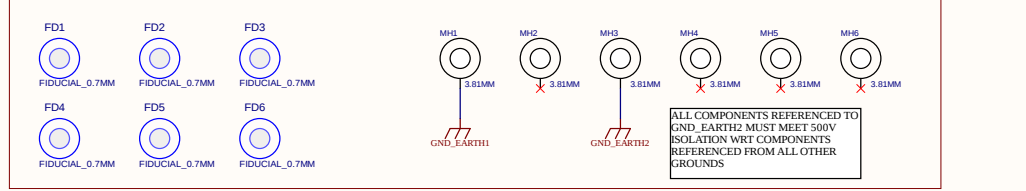
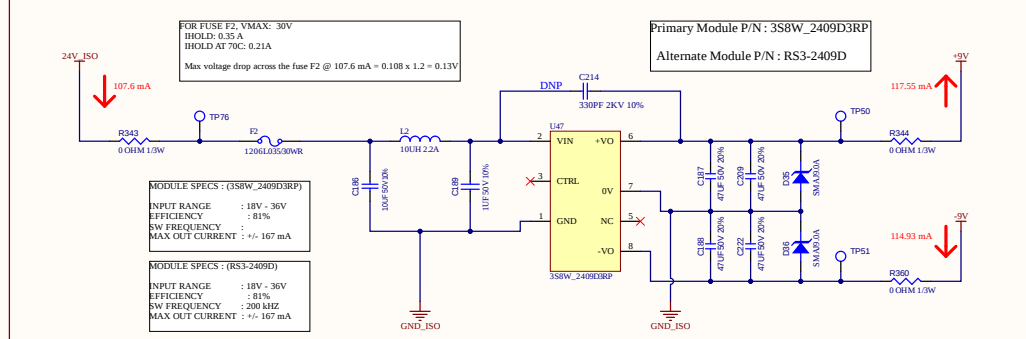
24V_ISO



+/- 9V TO +/- 8V

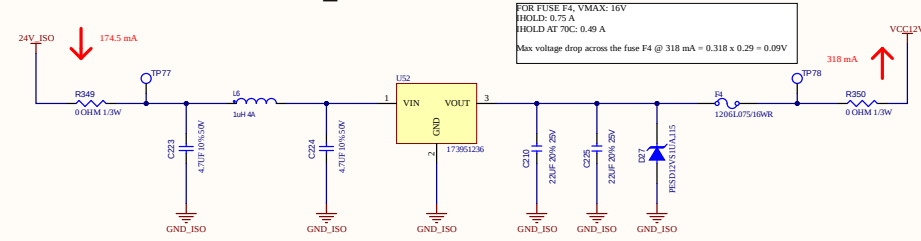


24V_ISO TO +/- 9V

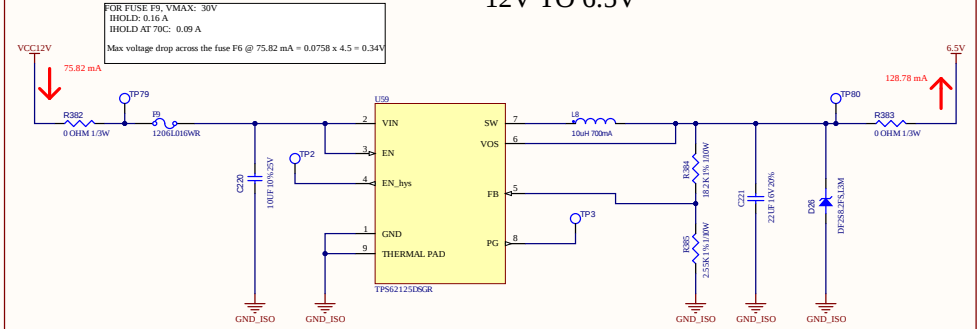


PRODUCT FAMILY: WARG	TITLE: IO(VERSA)BOARD SCHEMATIC	SCALE: DO NOT SCALE PRINT
CODE: OE3P9	DRAWING NO: A3370-00-PCA_SCH	REV: A0.10
OWNER: CHAMPIONX	ENGINEER: PRIYANSHU	SHEET SIZE: CHCAD C
	DATE: 04-03-2022	SHEET: 14 OF 16

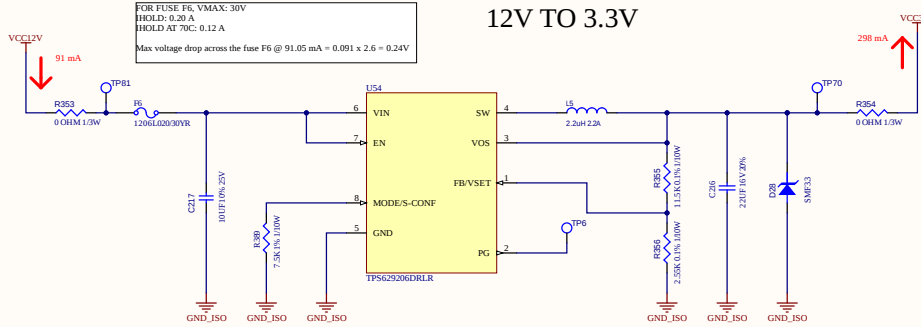
24V_ISO TO 12V



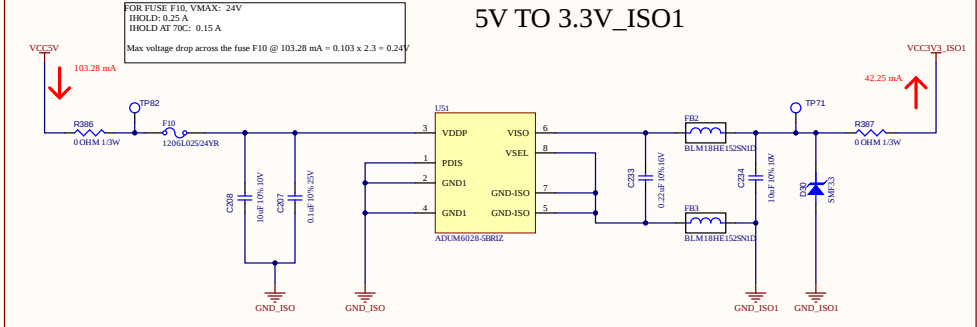
12V TO 6.5V



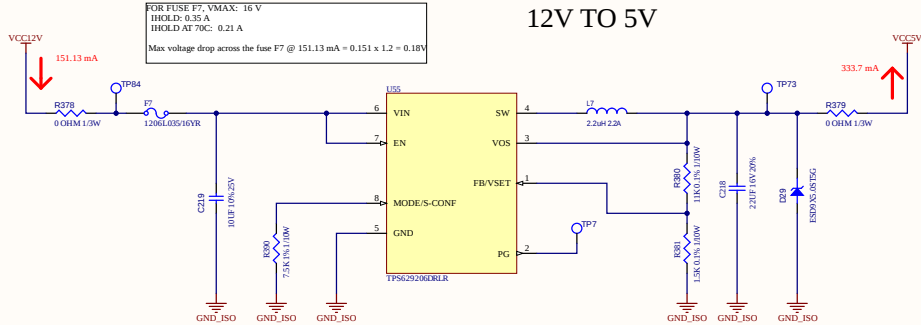
12V TO 3.3V



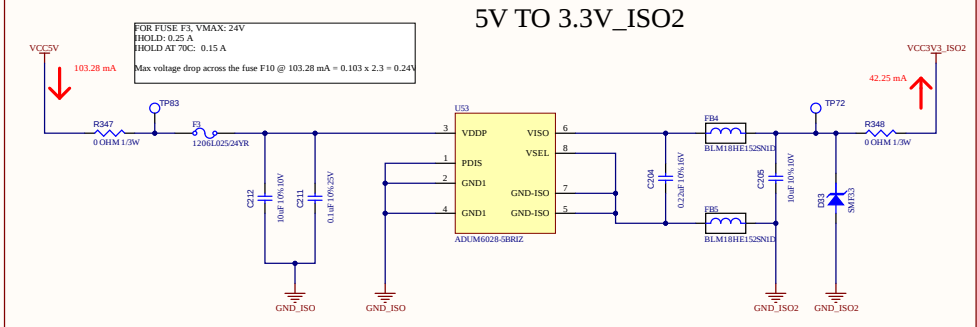
5V TO 3.3V_ISO1



12V TO 5V



5V TO 3.3V_ISO2



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	CODE: OE3P9	DRAWING NO: A3370-00-PCA_SCH	REV: A010
	OWNER: CHAMPIONX	SHEET SIZE: 0x CAD C	
	ENGINEER: PRIYANSHU	DATE: 04-03-2022	SHEET: 15 OF 16

TDC PROCESSING

