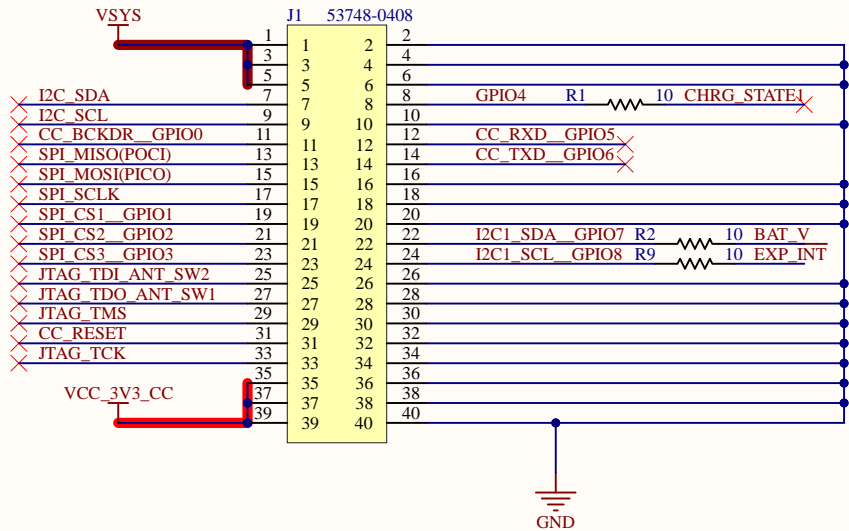
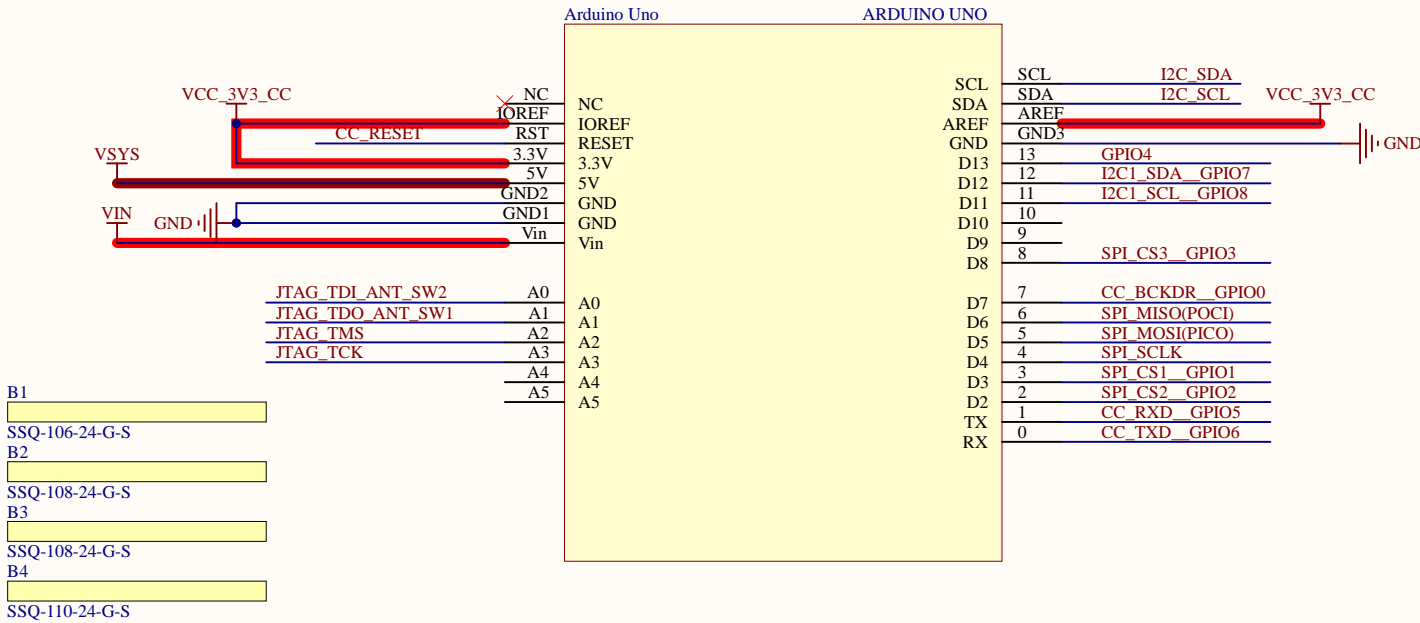


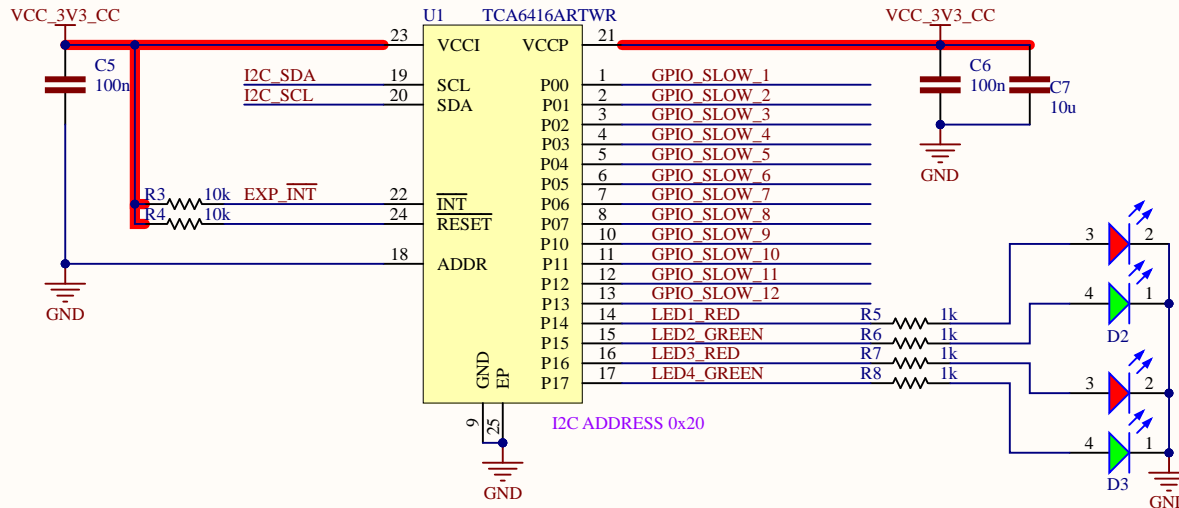
HCUCC CONNECTOR



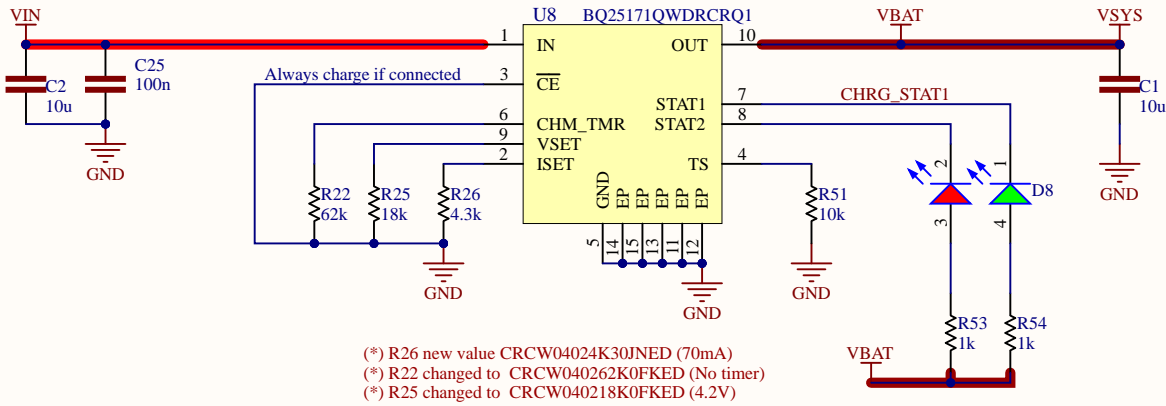
ARDUINO UNO



EXPANDER

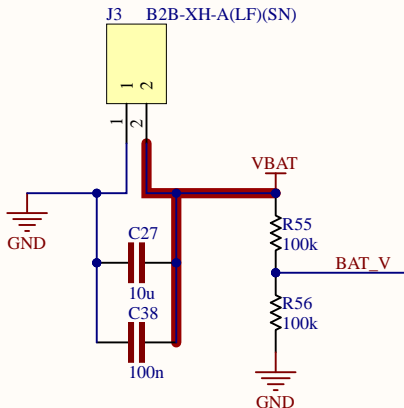


BATTERY CHARGER

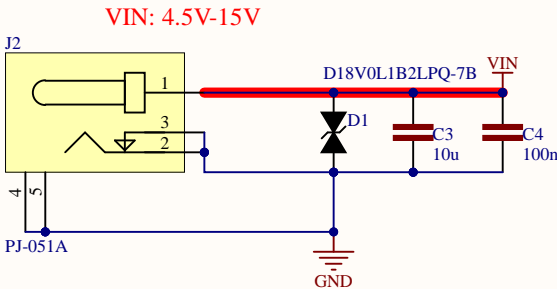
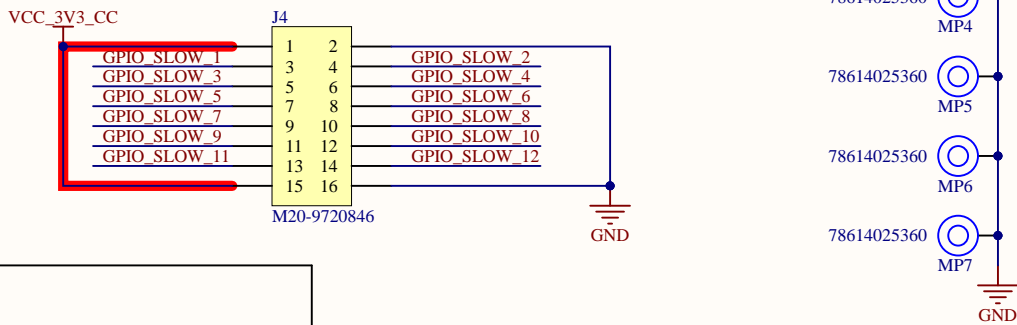


(*) R26 new value CRCW04024K30JNED (70mA)
(*) R22 changed to CRCW040262K0FKED (No timer)
(*) R25 changed to CRCW040218K0FKED (4.2V)

VSET: 18kOhm for 4.2V charger
ISET: ~6-10kOhm for 50mA charging
K = 300, I = 50 mA => R = 6000 Ohm
K = 300, I = 100 mA => R = 3000 Ohm
K = 300, I = 70 mA => R = 4.28k
Ichg=Kiset/Riset



ADDITIONAL GPIO HEADER



TITLE		PRODUCT NAME / P/N	
Connectors		HCU-DUINO	
DESIGNER:		DM	
REVIEWER:		DM	
DATE:		5/16/2025	REV: 1.0
SIZE	DRAWING NO.		SHT OF
A3	DN00100		1 1

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Caribou
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