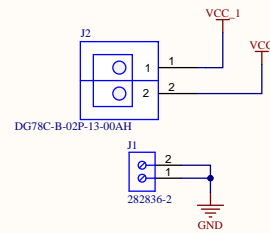
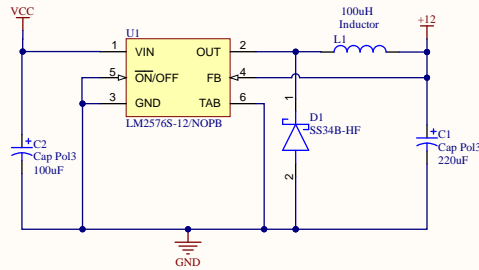


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REV	DESCRIPTION	DATE	APPROVED
1			

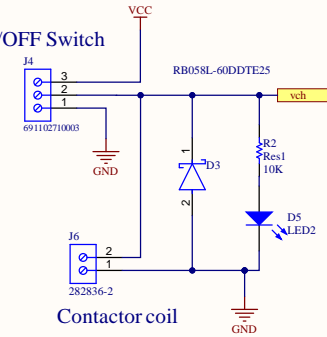
IN & Out to Contactor



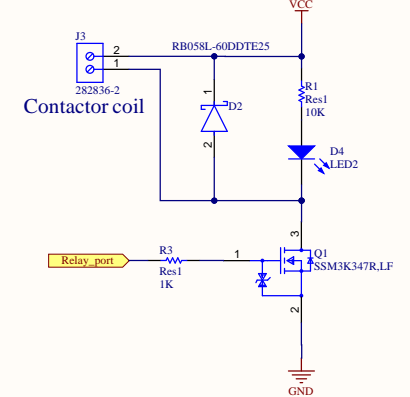
POWER LINE

Contactor Direct Drive

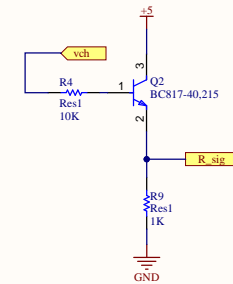
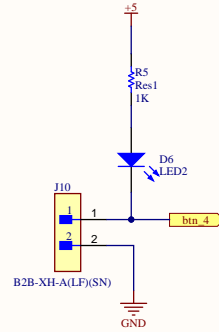
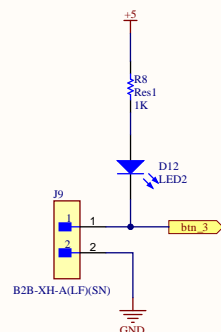
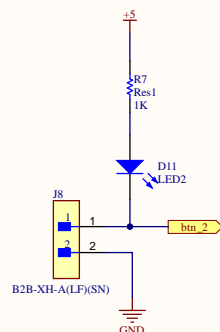
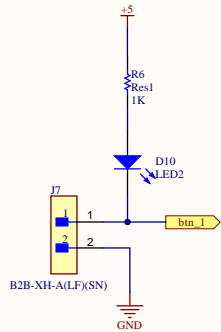
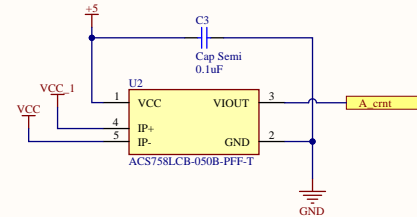
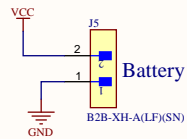
ON/OFF Switch



Contactor Control Drive



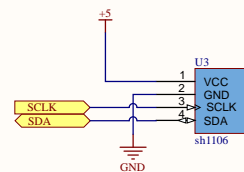
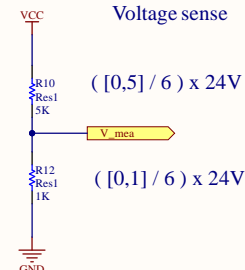
Battery measure meter



Features

- Relay, Contactor Drive (Direct/controlled)
- Controller : Arduino nano
- Analog Current measure with conditioning
- Voltage Sense
- SH1106 Display
- Input button x 4
- LED & Pilot Lamp Driver x 3

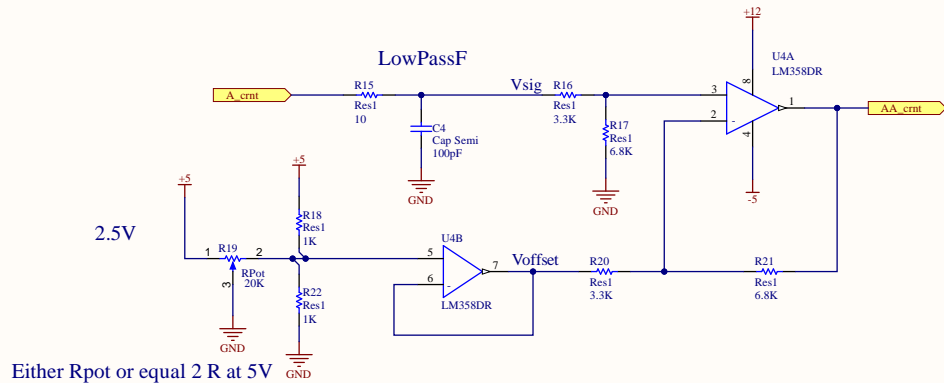
Voltage sense



APPROVALS	DATE	PROJECT	Altium
ENG: -		TeleMANI SR	
DSN: owl_hor		PROJECT REVISION: Not in version control	DOCUMENT REVISION: Not in version control
CHK: -		TITLE	DESIGN ITEM: Not in version control
REFERENCE DOCUMENTS		pw_control_v1	
BOM:		SIZE	CAGE CODE
ASSY DWG:		DWG NO.	REV
FAB DWG:		B	
PCB DWG:		SCALE:	FILE NAME: pw_contr_v1_s1.SchDoc
		SHEET 1	OF 2

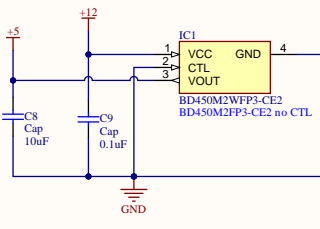
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Analog Current sense conditioning

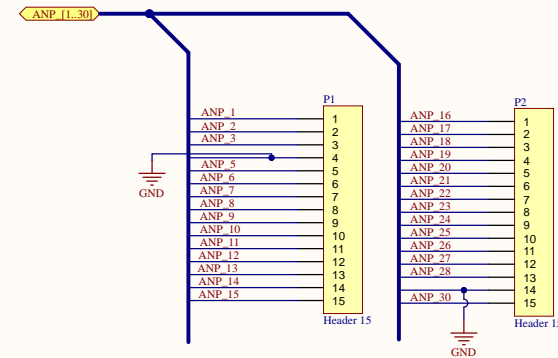
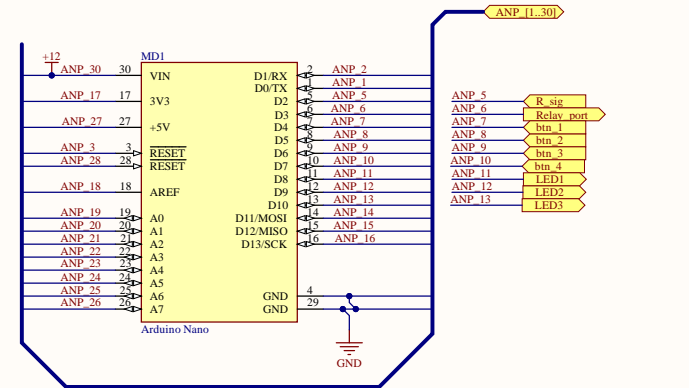
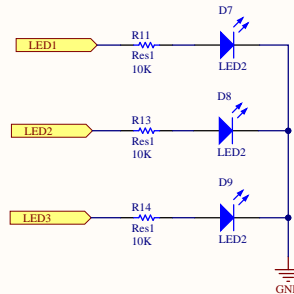
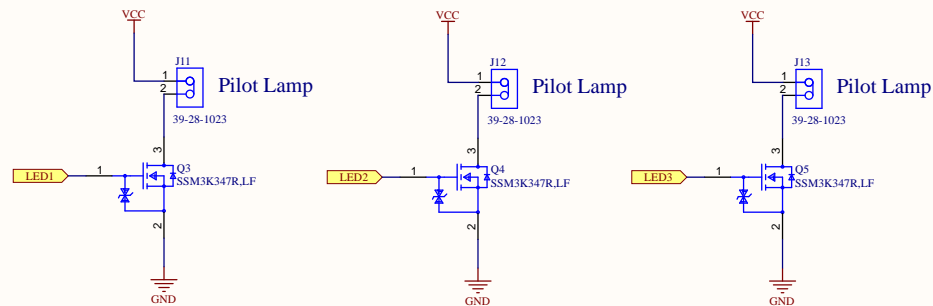
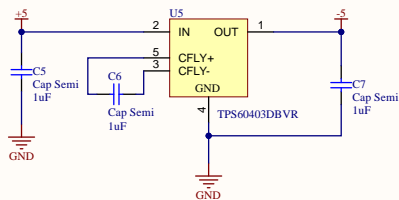


Either Rpot or equal 2 R at 5V

Regulator



Negative buffer



APPROVALS		DATE	PROJECT	Altium	
ENG:	-			PROJECT REVISION:	DOCUMENT REVISION:
DSN:	owl_hor			Not in version control	Not in version control
CHK:	-			TITLE	DESIGN ITEM:
REFERENCE DOCUMENTS			pw_contr_v1		
BOM:			SIZE	CAGE CODE	DWG NO.
ASSY DWG:			B		
FAB DWG:			SCALE:	FILE NAME	SHEET 2 OF 2
PCB DWG:				pw_contr_v1_s2.SchDoc	