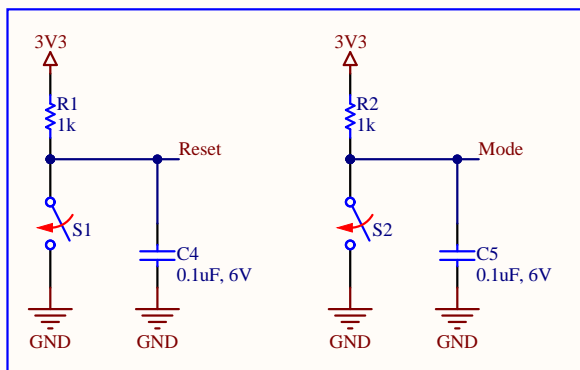
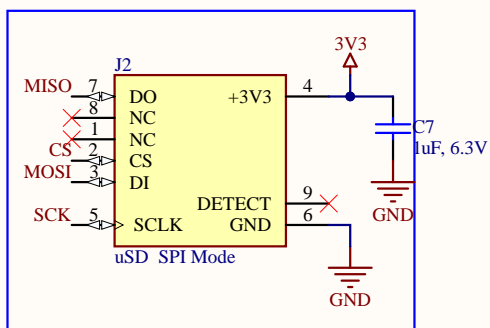


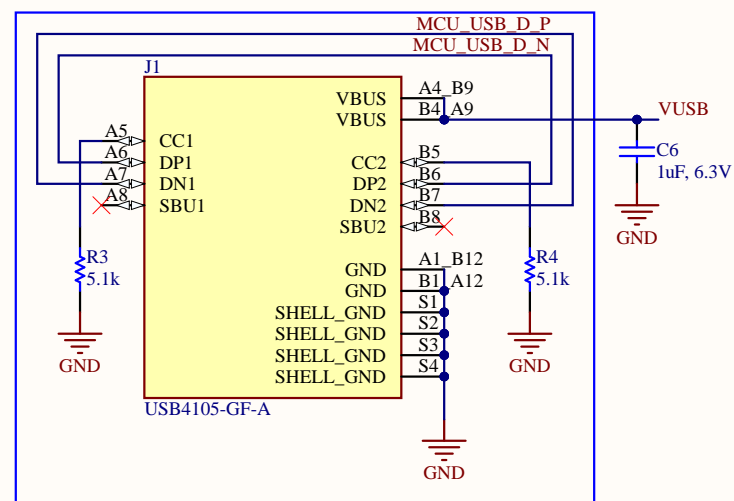
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User Buttons



Micro SD Card Reader (SPI)

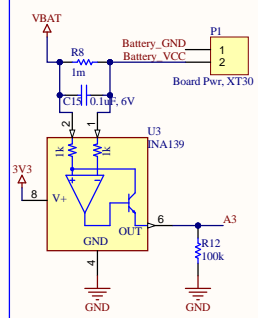


USB C in 2.0 Mode

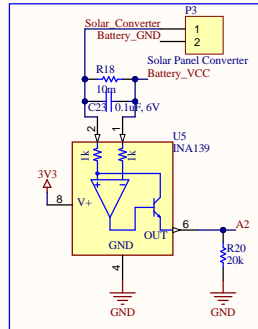
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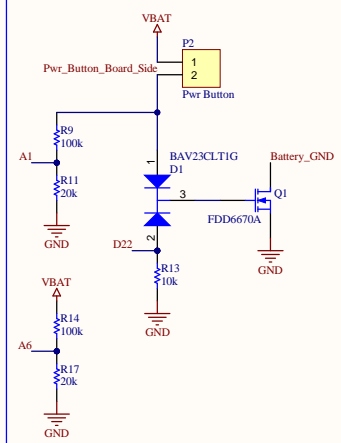
REVISION	DESCRIPTION	DATE	APPROVED



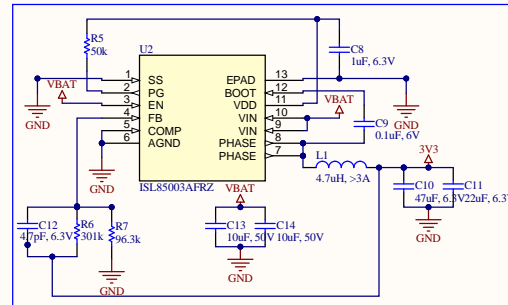
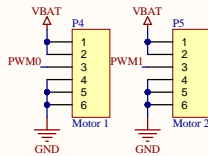
Battery Current Sense



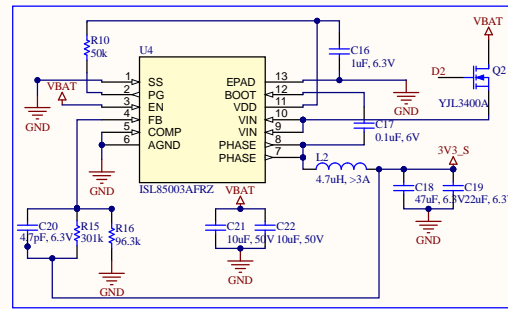
Solar Current Sense



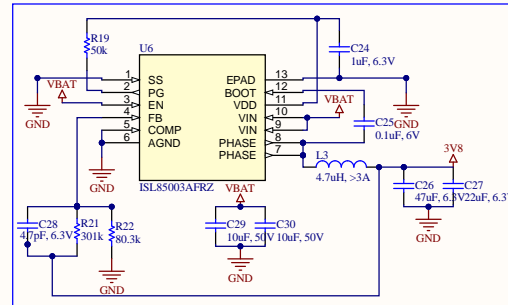
Voltage Sense & Power Switch



3.3V Regulator (General)

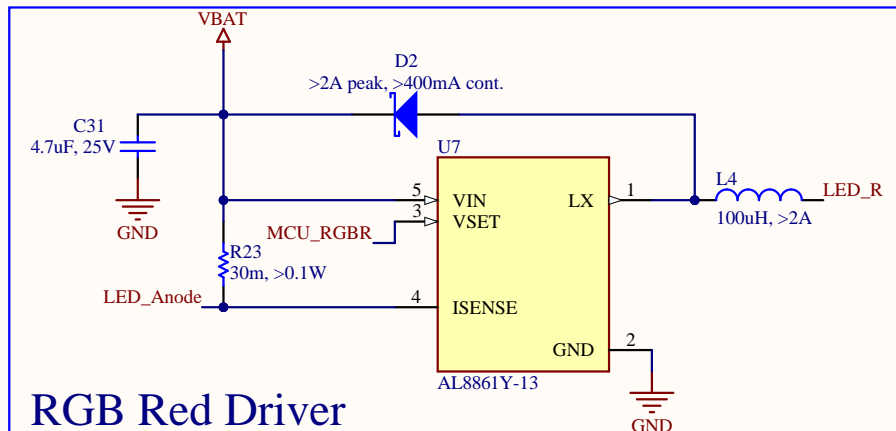


3.3V Regulator (Sensors Only)

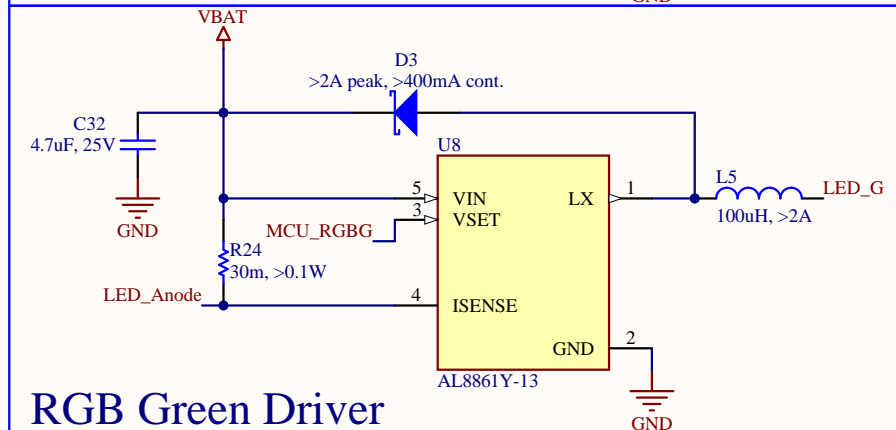


3.8V Regulator

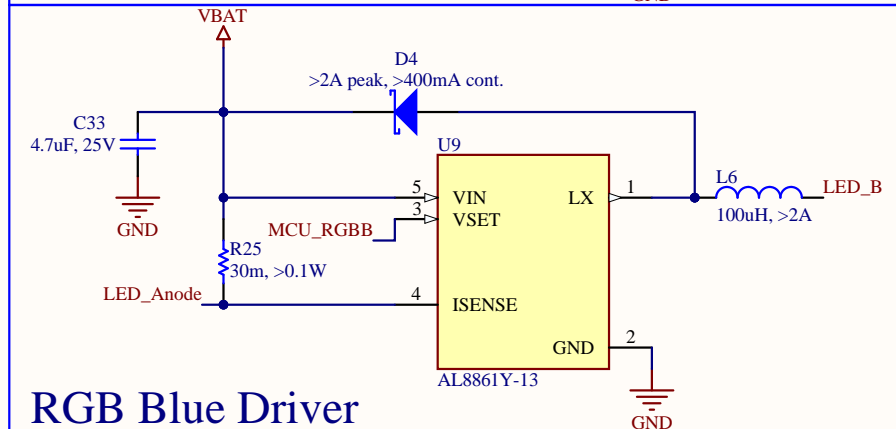
APPROVALS	DATE	PROJECT	Altium	
ENG.				
DSN.		PROJECT REVISION:	DOCUMENT REVISION:	DESIGN ITEM:
CHK.				
REFERENCE DOCUMENTS		TITLE		
BOM:		* 46212b726c1448dddbca046a222acba1e60		
ASSY DWG:	SIZE	CAGE CODE	DWG NO.	REV
FAB DWG:	A3			
PCB DWG:	SCALE:	FILE NAME	Power.SchDoc	SHEET 3 OF 5



RGB Red Driver

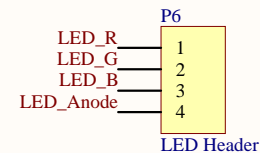


RGB Green Driver

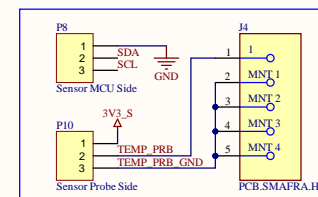


RGB Blue Driver

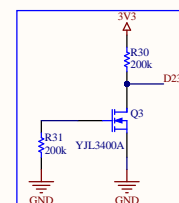
The selected RGB LED has a common anode, so each cathode is connected to its own driver.



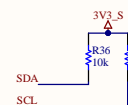
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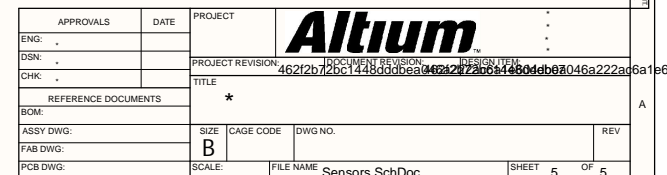
Atlas Scientific Temp Sensor

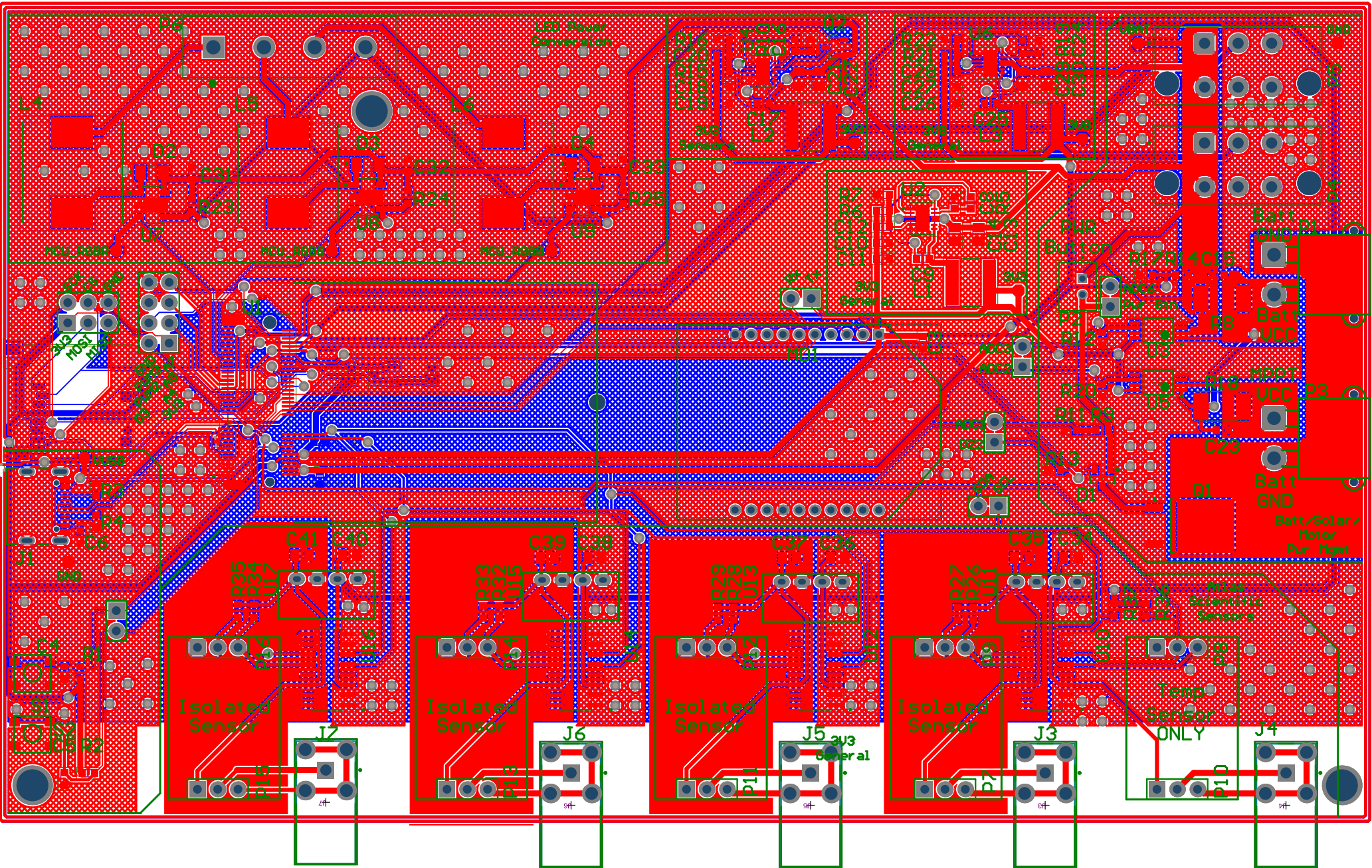


Exposed Copper Water Sensor



Atlas Scientific Sensor #3





Board Stack Report