

FilterCheck System_TSI Flowmeter v2

ELECTRICAL



ATOR Labs
7506 Holley Cir

Panama City Beach, FL 32408

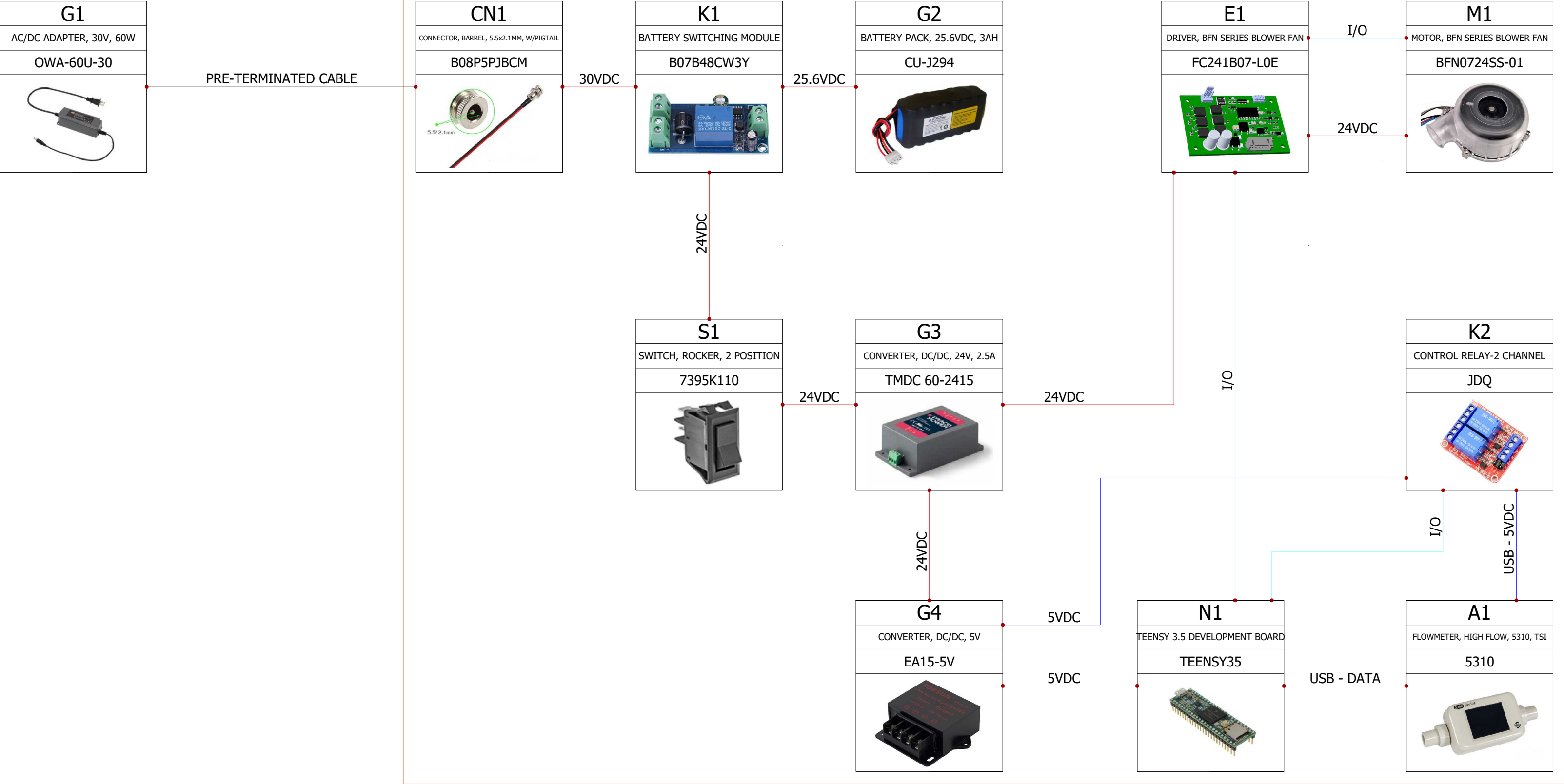
SCHEME
Cover page
REVISION
A

1-Document book

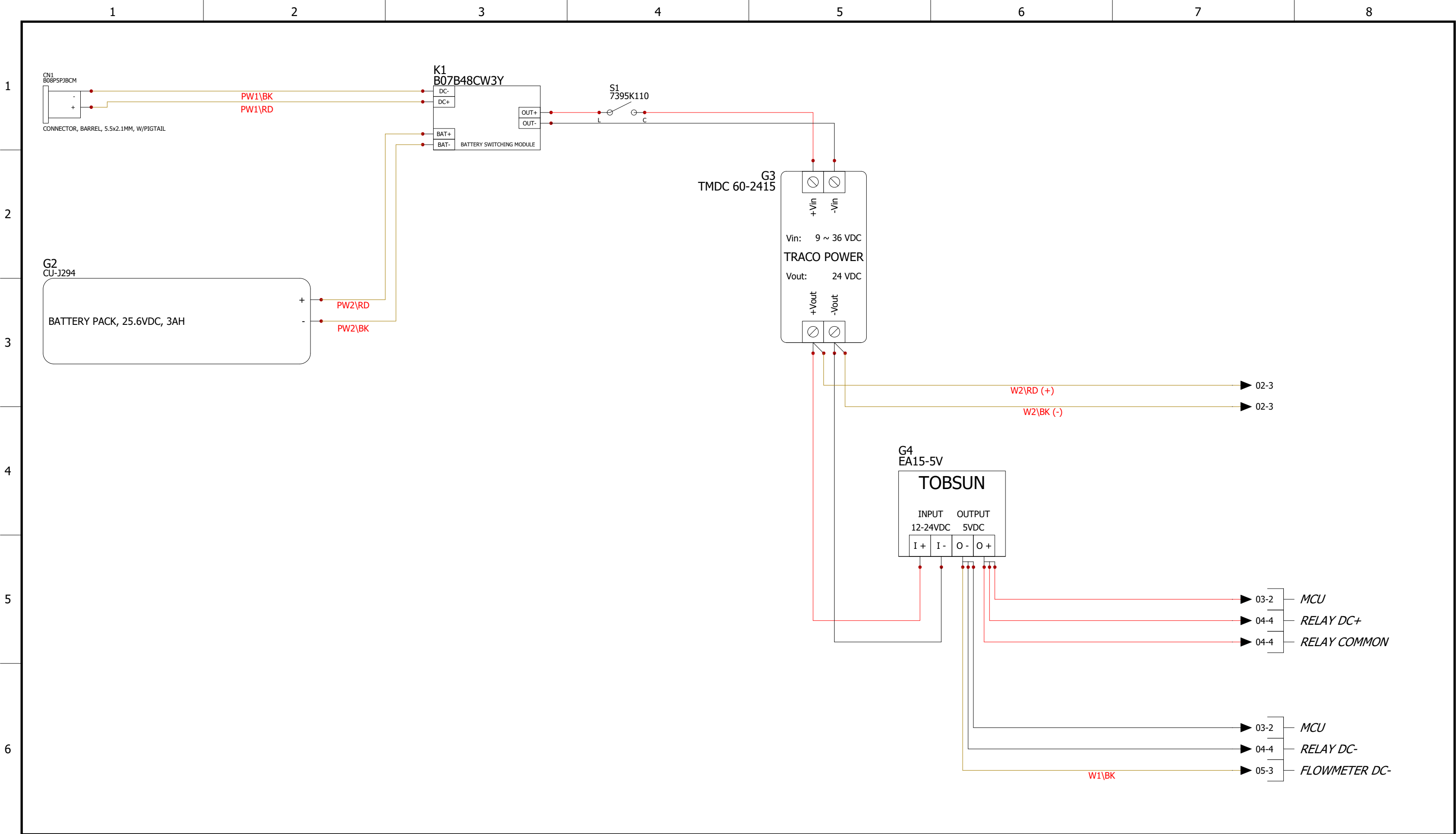
Drawing	Description	Function	Location	Revision	Date	Created by	Folder	Folder description
A	Cover page	F1	CASE	A	5/4/2022	J. Dickon		
B	Drawings list	F1	CASE	A	5/4/2022	J. Dickon		
01	Wiring Line Diagram	F1	CASE	A	5/4/2022	J. Dickon	C	Line Diagram
01	Power	F1	CASE	A	5/4/2022	J. Dickon	D	Schematics
02	Motor Control	F1	CASE	A	5/4/2022	J. Dickon	D	Schematics
03	MCU	F1	CASE	A	5/4/2022	J. Dickon	D	Schematics
04	RELAY CONTROL	F1	CASE	A	5/6/2022	J. Dickon	D	Schematics
05	FLOWMETER	F1	CASE	A	5/5/2022	J. Dickon	D	Schematics
06	Bill Of Materials grouped by manufacturer	F1	CASE	A	5/6/2022	J. Dickon	E	Reports
07	Bill Of Materials grouped by manufacturer	F1	CASE	A	5/6/2022	J. Dickon	E	Reports
08	Bill Of Materials grouped by manufacturer	F1	CASE	A	5/9/2022	J. Dickon	E	Reports

ATOR Labs 7506 Holley Cir Panama City Beach, FL 32408	Drawings list					A	5/4/2022	J. Dickon		REVISION A
						REV.	DATE	NAME	CHANGES	SCHEME B
CONTRACT:	LOCATION: CASE Main Location					User data 1			User data 2	

CASE - Main Location



REV.	DATE	NAME	REVISION
A	5/4/2022	J. Dickon	A
			SCHEME
			01 OF 12



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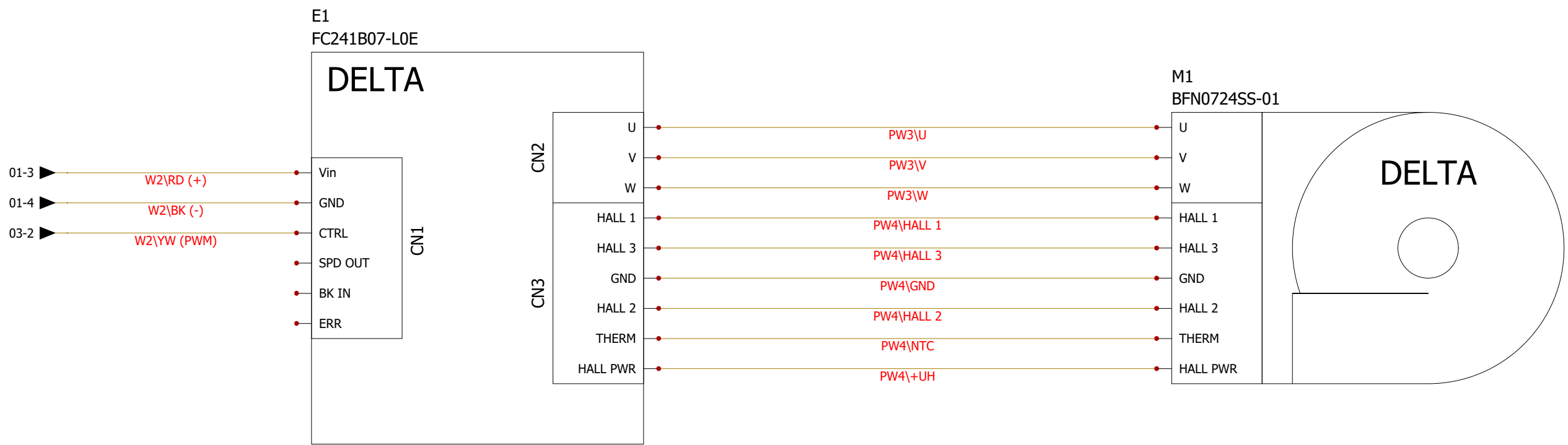
Power

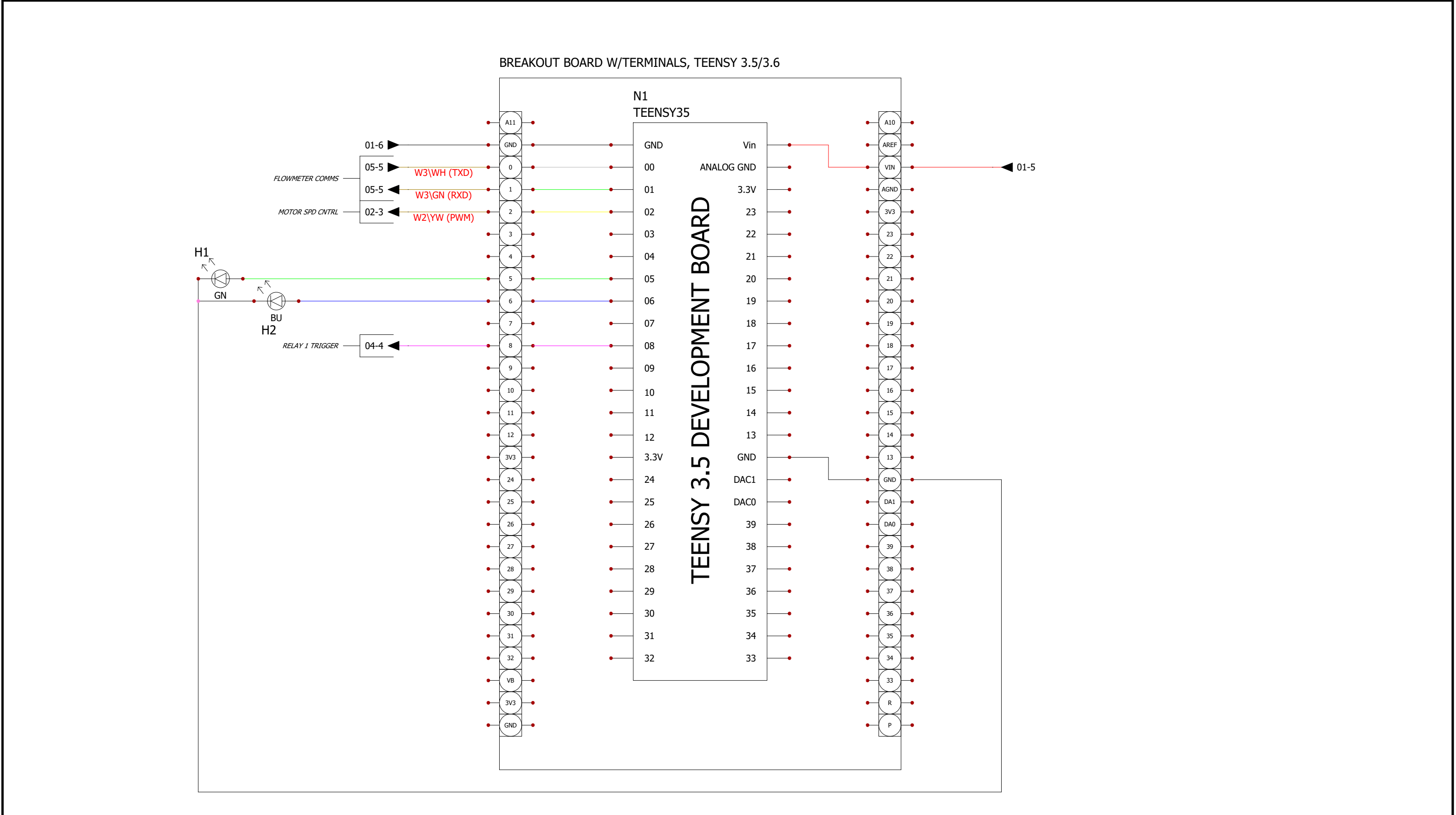
REVISION

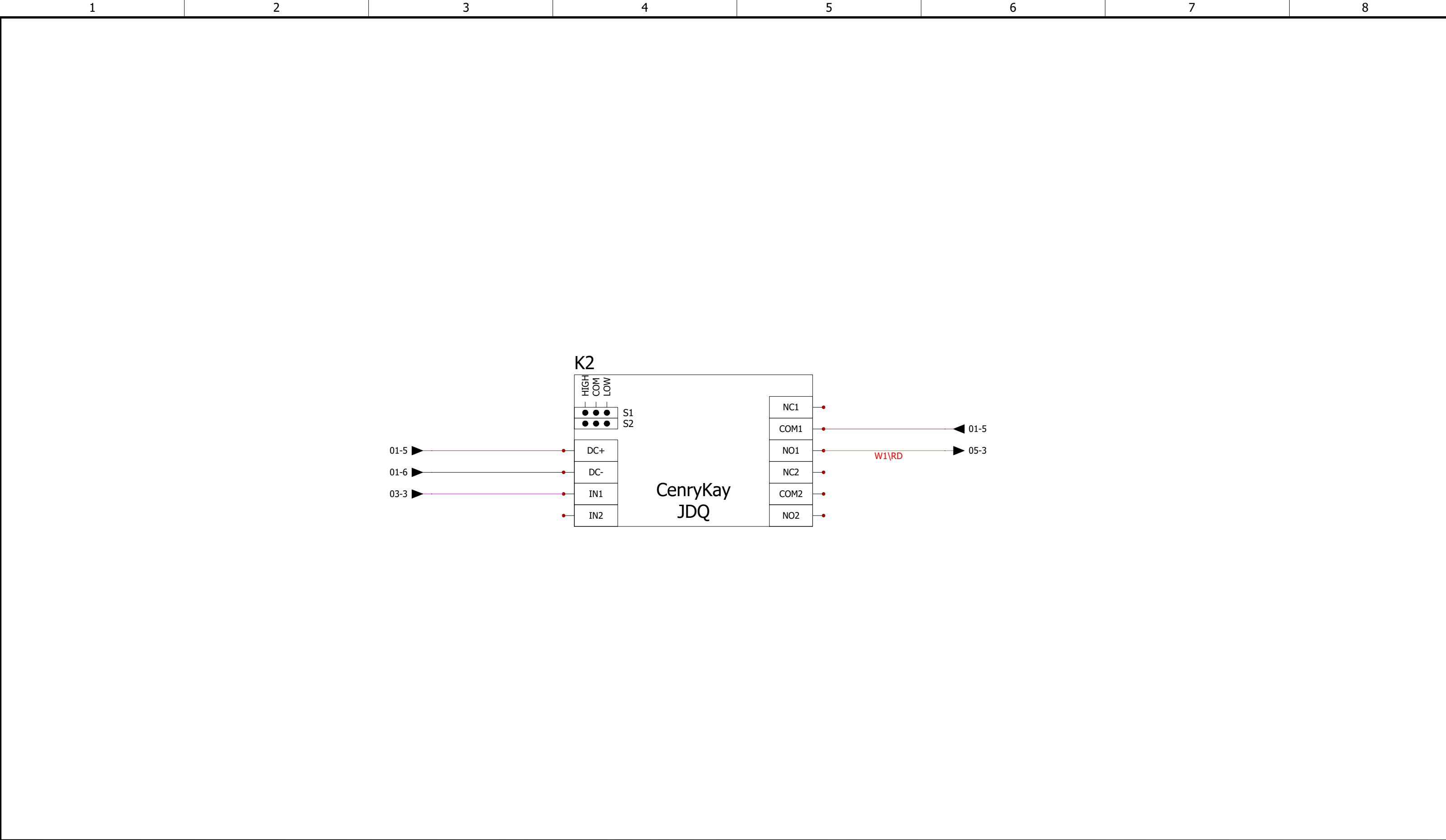
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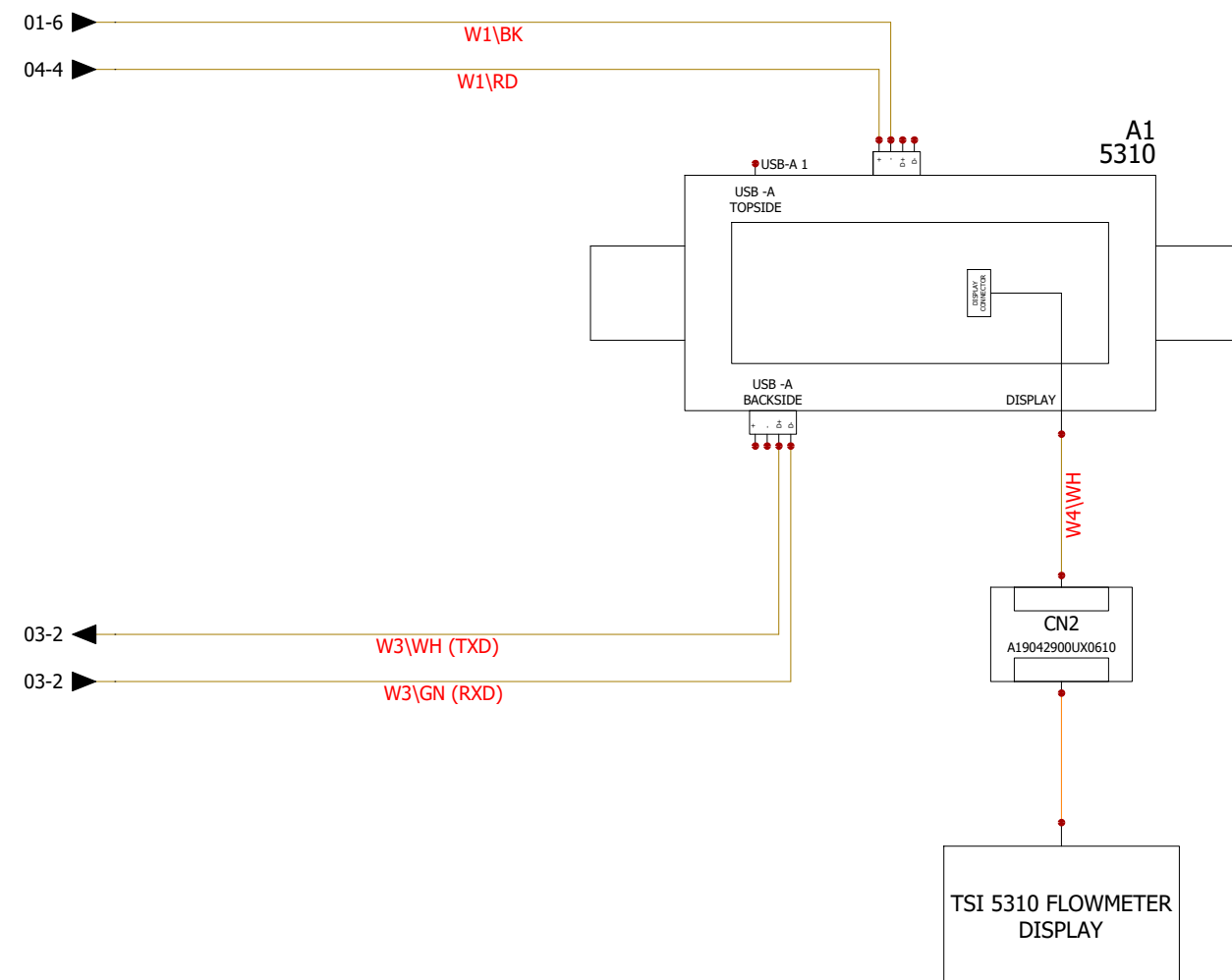
SCHEME

01 OF
Schematics









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Panama City Beach, FL 32408



Bill Of Materials grouped by manufacturer

REVISION

A

SCHEME

06 OF

Reports

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OONO

	Reference	Mark	Description	Quantity
1	B08R7QZLC9	A2	BREAKOUT BOARD W/TERMINALS, TEENSY 3.5/3.6	1

PJRC

	Reference	Mark	Description	Quantity
1	TEENSY35	N1	TEENSY 3.5 DEVELOPMENT BOARD	1

QOFOWIN

	Reference	Mark	Description	Quantity
1	B08P5PJBCM	CN1	CONNECTOR, BARREL, 5.5x2.1MM, W/PIGTAIL	1

TOBSUN

	Reference	Mark	Description	Quantity
1	EA15-5V	G4	CONVERTER, DC/DC, 5V	1

TRACO POWER

	Reference	Mark	Description	Quantity
1	TMDC 60-2415	G3	CONVERTER, DC/DC, 24V, 2.5A	1

TSI

	Reference	Mark	Description	Quantity
1	5310	A1	FLOWMETER, HIGH FLOW, 5310, TSI	1

UXCELL

	Reference	Mark	Description	Quantity
1	A19042900UX0610	CN2	CONNECTOR, EXTENSION, 36PIN TO 36PIN, FFC/FPC, 0.5MM PITCH	1

1

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Walfront

	Reference	Mark	Description	Quantity
1	B07B48CW3Y	K1	BATTERY SWITCHING MODULE	1

WARMSTOR

	Reference	Mark	Description	Quantity
1	B073GTBQ8V	A1	USB 3.0, ADAPTER, 90DEG	1

1	2	3	4	5	6	7	8
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