

# FilterCheck System\_TSI FLOWmeter v2

## Document book

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

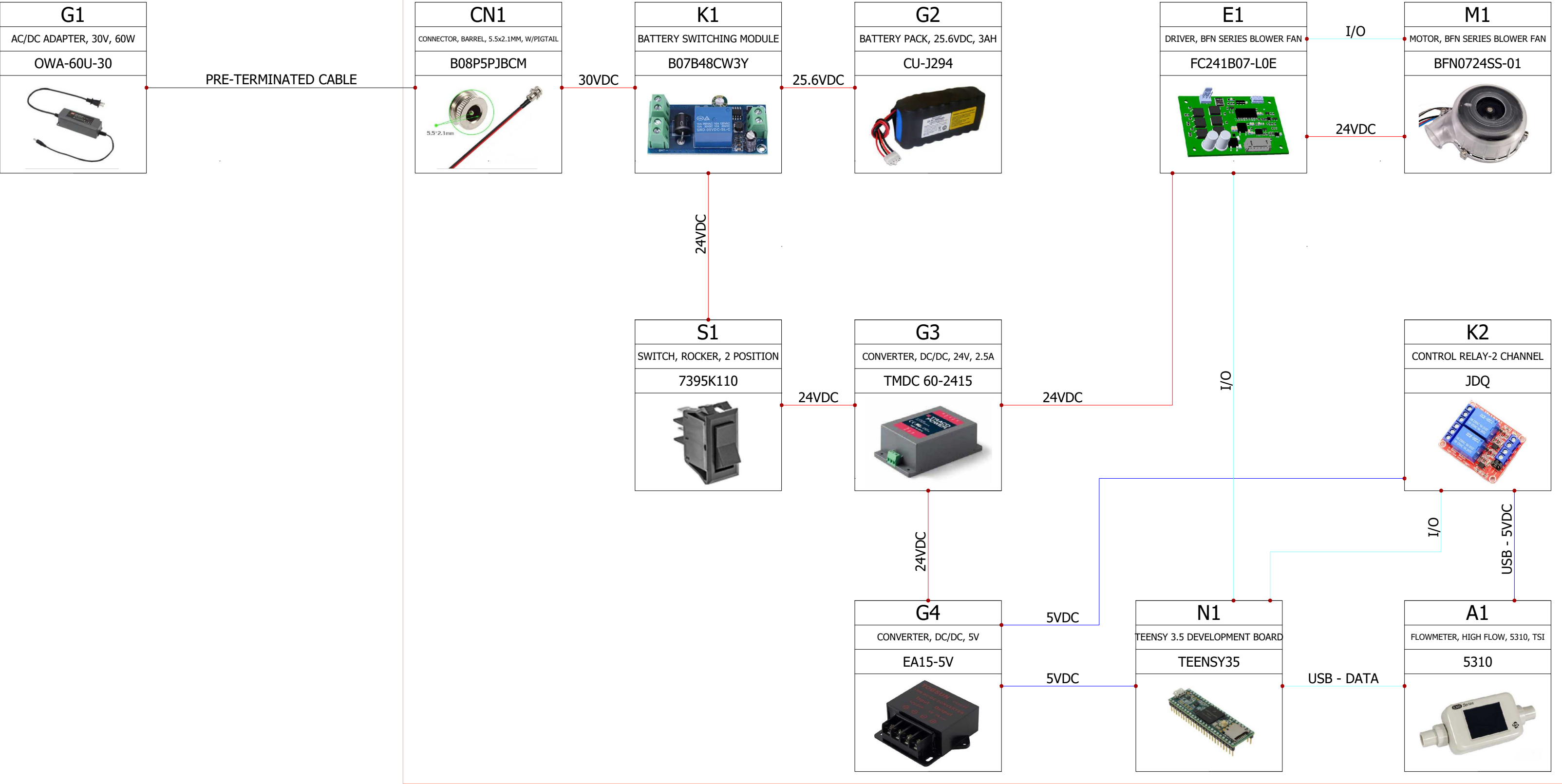
SOLIDWORKS Electrical

1-Document book

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

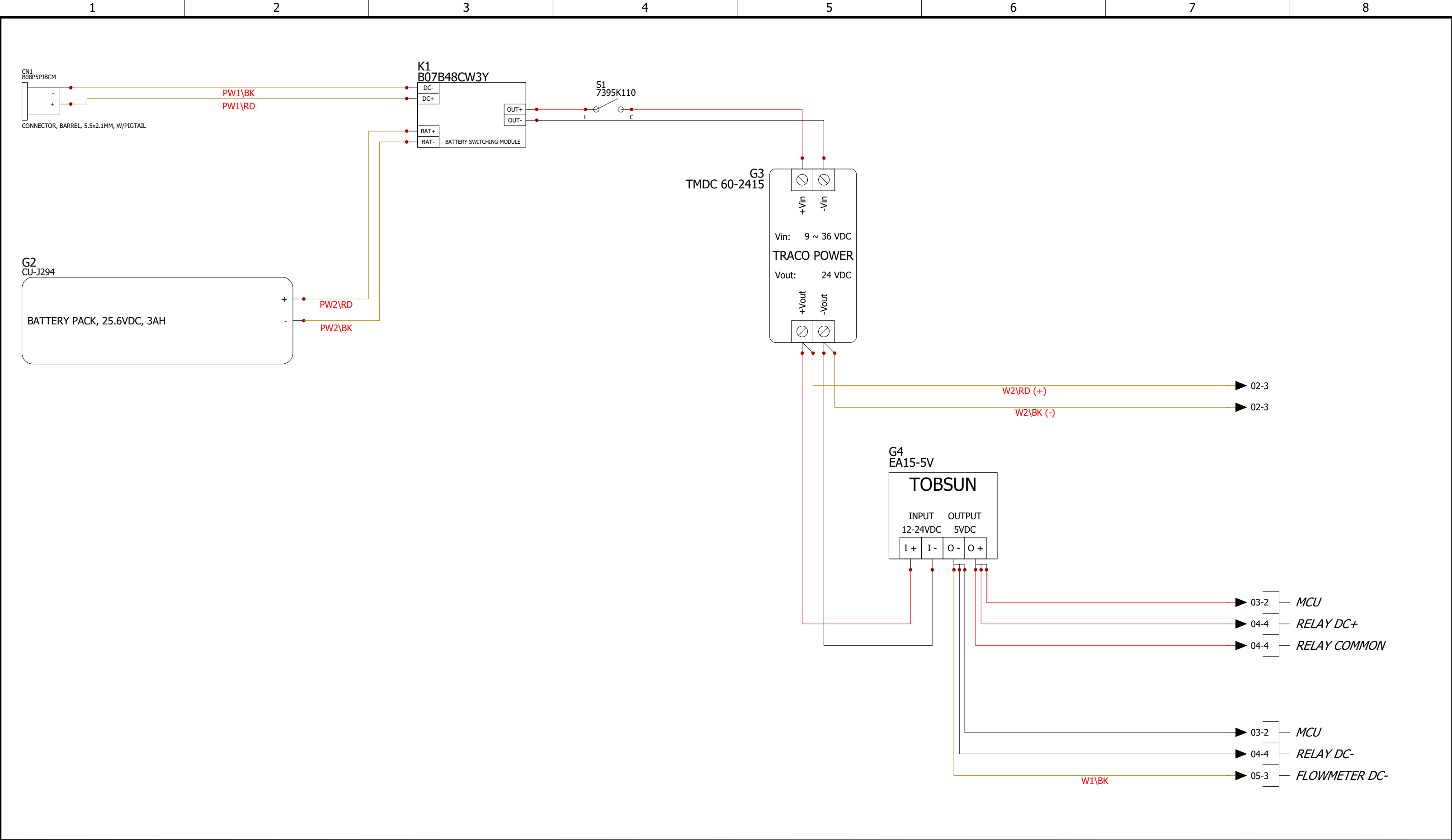
ATOR Labs 7506 Holley Cir  Panama City Beach, FL 32408	Drawings list					A	5/4/2022	J. Dickon		REVISION
										A
						REV.	DATE	NAME	CHANGES	SCHEME
CONTRACT:	LOCATION: CASE Main Location					User data 1			User data 2	B

CASE - Main Location



Wiring Line Diagram

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



ATOR Labs  
7506 Holley Cir

Panama City Beach, FL 32408



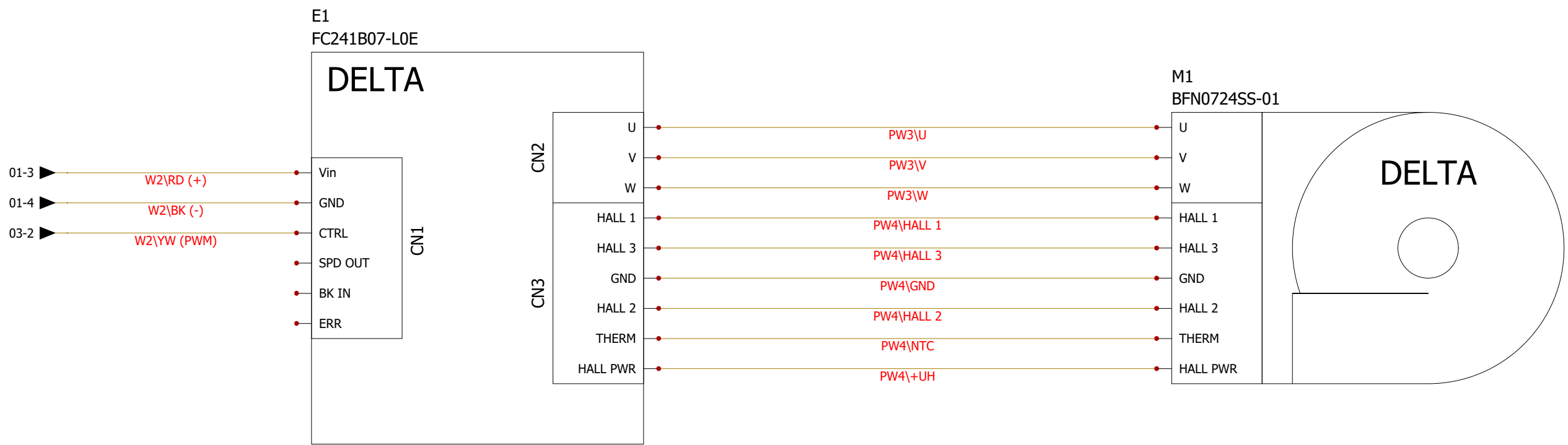
Power

REVISION

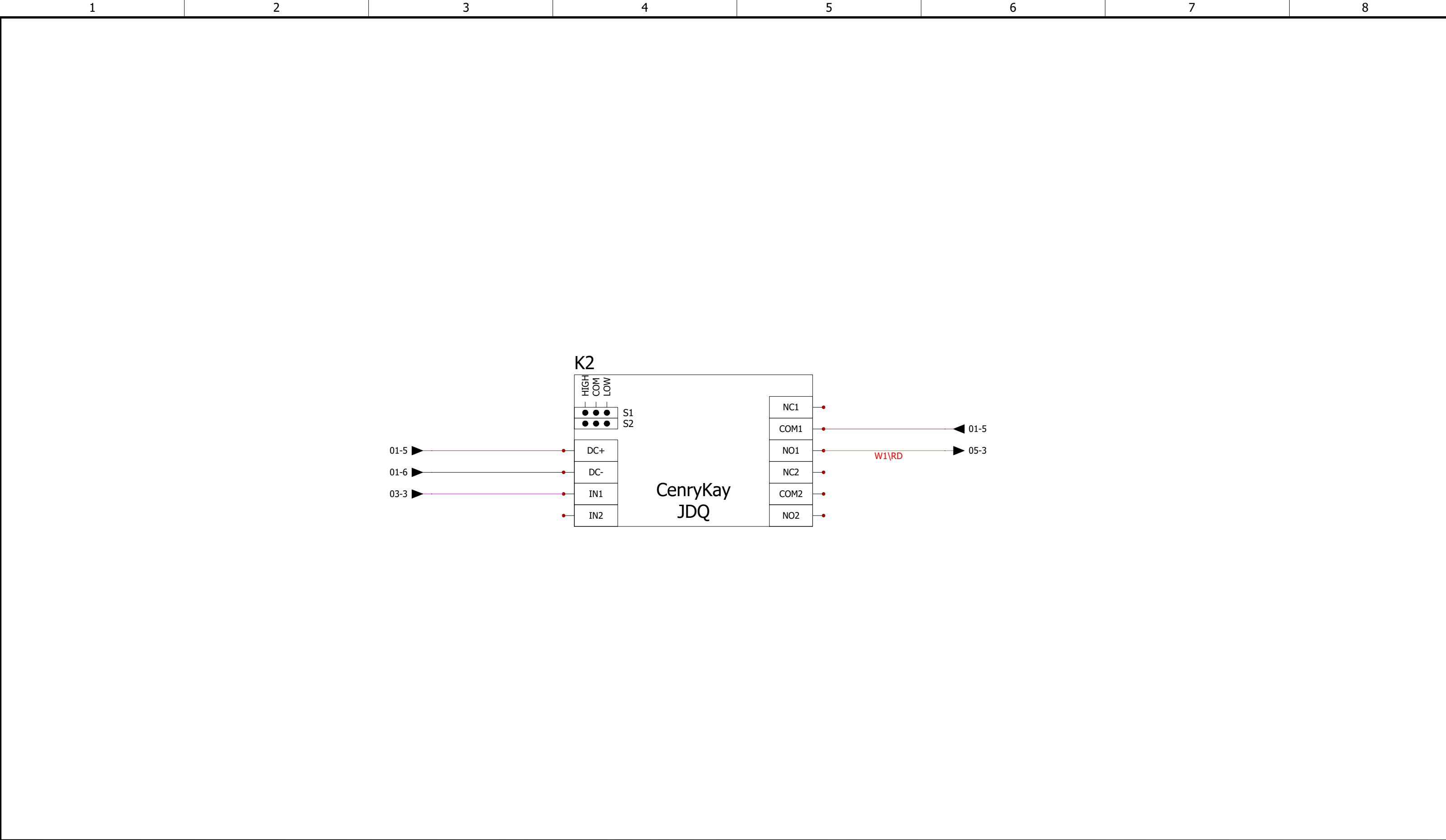
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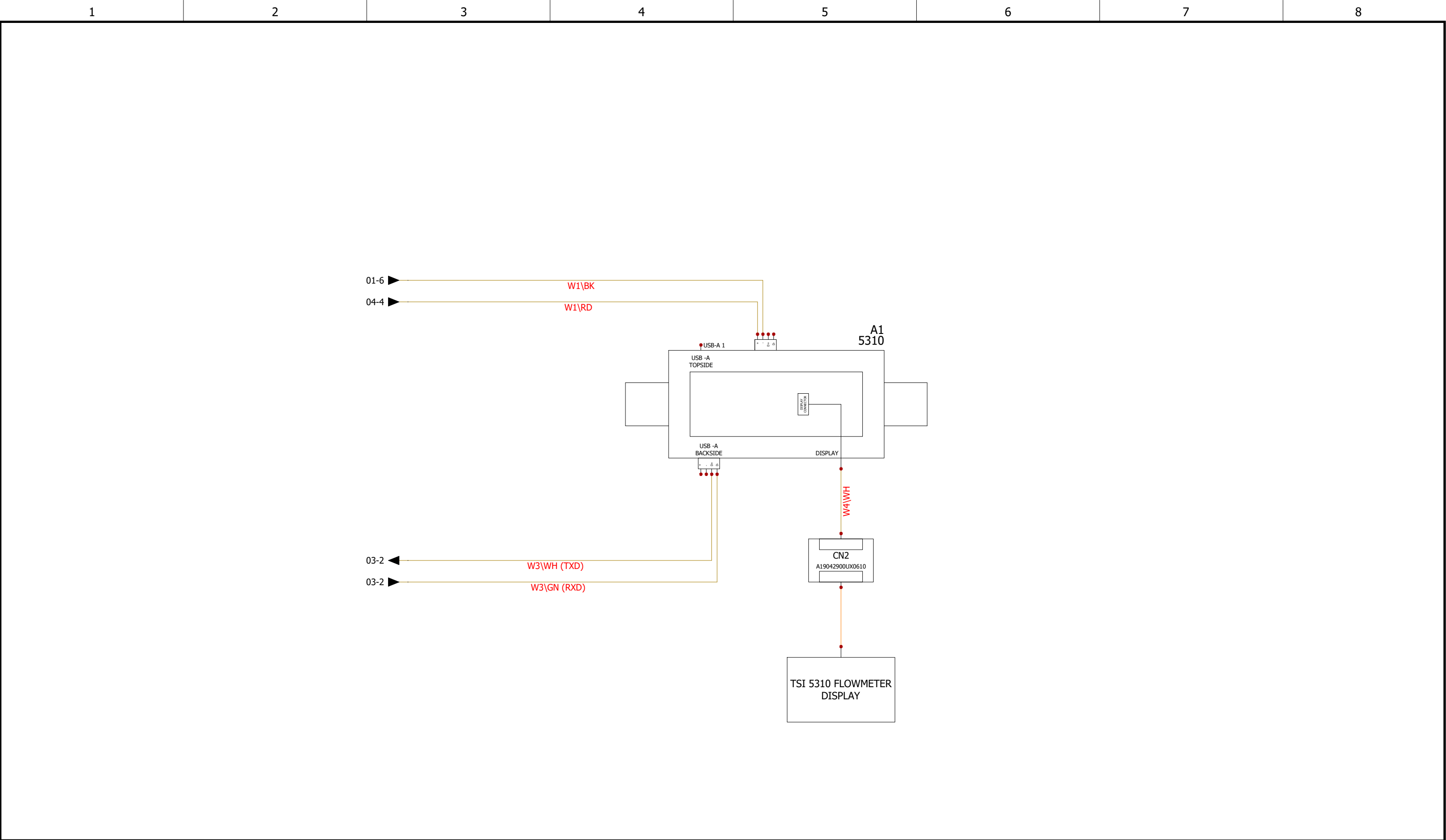
SCHEME

01 OF  
Schematics











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Battery Space

	Reference	Mark	Description	Quantity
1	CU-J294	<a href="#">G2</a>	BATTERY PACK, 25.6VDC, 3AH	1

CenryKay

	Reference	Mark	Description	Quantity
1	JDQ	<a href="#">K2</a>	CONTROL RELAY-2 CHANNEL	1

DELTA

	Reference	Mark	Description	Quantity
1	BFN0724SS-01	<a href="#">M1</a>	MOTOR, BFN SERIES BLOWER FAN	1
2	FC241B07-L0E	<a href="#">E1</a>	DRIVER, BFN SERIES BLOWER FAN	1

EDGELEC

	Reference	Mark	Description	Quantity
1	B07NPR215H	<a href="#">H2</a>	LED, BLUE, 3MM, 12V	1
2	B07PXYYB56	<a href="#">H1</a>	LED, GREEN, 3MM, 12V	1

MCMaster-CARR

	Reference	Mark	Description	Quantity
1	7395K110	<a href="#">S1</a>	SWITCH, ROCKER, 2 POSITION	1

Mean Well

	Reference	Mark	Description	Quantity
1	OWA-60U-30	<a href="#">G1</a>	AC/DC ADAPTER, 30V, 60W	1

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	Reference	Mark	Description	Quantity
1	B08R7QZLC9	<a href="#">A2</a>	BREAKOUT BOARD W/TERMINALS, TEENSY 3.5/3.6	1

PJRC

	Reference	Mark	Description	Quantity
1	TEENSY35	<a href="#">N1</a>	TEENSY 3.5 DEVELOPMENT BOARD	1

QOFOWIN

	Reference	Mark	Description	Quantity
1	B08P5PJBCM	<a href="#">CN1</a>	CONNECTOR, BARREL, 5.5x2.1MM, W/PIGTAIL	1

TOBSUN

	Reference	Mark	Description	Quantity
1	EA15-5V	<a href="#">G4</a>	CONVERTER, DC/DC, 5V	1

TRACO POWER

	Reference	Mark	Description	Quantity
1	TMDC 60-2415	<a href="#">G3</a>	CONVERTER, DC/DC, 24V, 2.5A	1

TSI

	Reference	Mark	Description	Quantity
1	5310	<a href="#">A1</a>	FLOWMETER, HIGH FLOW, 5310, TSI	1


UXCELL

	Reference	Mark	Description	Quantity
1	A19042900UX0610	<a href="#">CN2</a>	CONNECTOR, EXTENSION, 36PIN TO 36PIN, FFC/FPC, 0.5MM PITCH	1

ATOR Labs

7506 Holley Cir

Panama City Beach, FL 32408



Bill Of Materials grouped by manufacturer

REVISION

A

SCHEME

07 OF

Reports

1	2	3	4	5	6	7	8
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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