# REPLACE

# Top Silkscreen

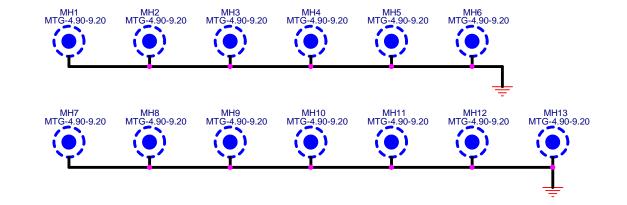
ChargePoint, Inc (c) 2021 SEVB CHAdeMO Factory Stand

Bottom Copper PCB FAB 27-010297-01

Assembly Drawing
ASY-010297-01



#### Mounting Holes



### REPNEME

- 01 Cover Sheet
- 02 Revision History
- 03 Block Diagram
- 04 DUT Connections
- 05 External Connections/Level Shift
- 06 Power Supplies/Relay Drive
- 07 SEVB CH Vehicle Handshake
- 08 SEVB CH Power Rail/LEDs
- 09 SEVB CH NTC/PTC Temp

Page Title 01 - Cover Sheet	● 254 Fast Hacienda Avenue			
	Campbell, CA 95008 USA			
Variant Name	-chargepoin- 254 East Hacienda Avenue Campbell, CA 95008 USA Tel: 1-866-480-2936			
<variant name=""></variant>	•			
Responsible Engineer	Document Description			
Henry Tuckfield	SEVB-CCS Factory Stand Tester			
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Version (Revision)	Eng	Jira	Date / Revision / Change Description		
26-010XXX-01(1) ECO-007629	LA	CE	Based off of 297 SEVB-CH Tester Design with key changes: 1. CHANGED MAX4820 TO TSSOP PACKAGE 2. LEDs on all power lines, TPs everwhere 3. Start-up states on relays set to RESET 4. Input 48V DUT relay switch 5. Relay DOUT pin		
				<u>,                                      </u>	
			Page Title  02 - Revision History  Variant Name <variant name="">  Responsible Engineer  Happy Tuckfield</variant>	-chargep  Document Description SEVR-CCS Factory S	254 East Hacienda Avenue Campbell, CA 95008 USA Tel: 1-866-480-2936

Henry Tuckfield

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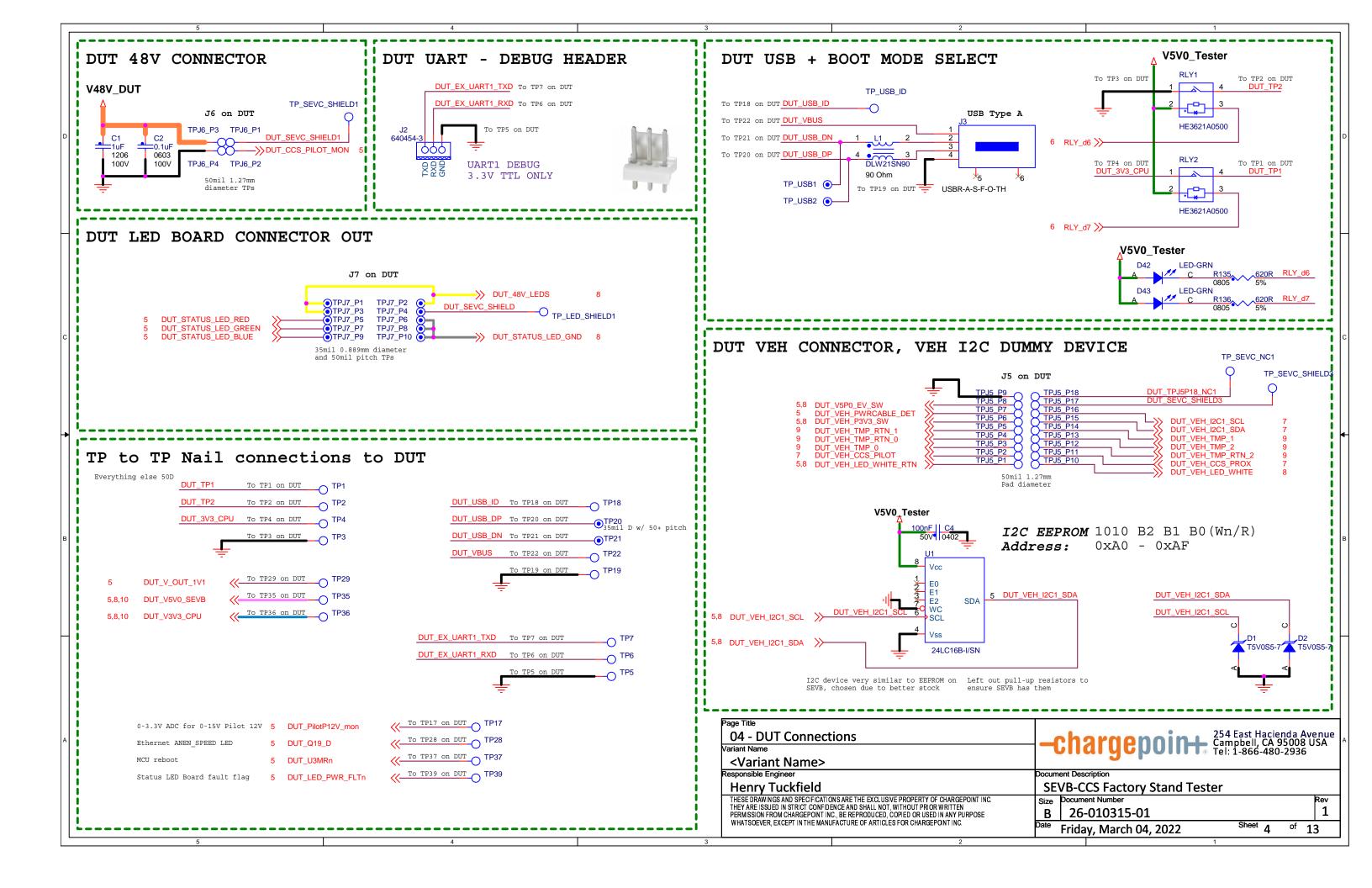
SEVB-CCS Factory Stand Tester
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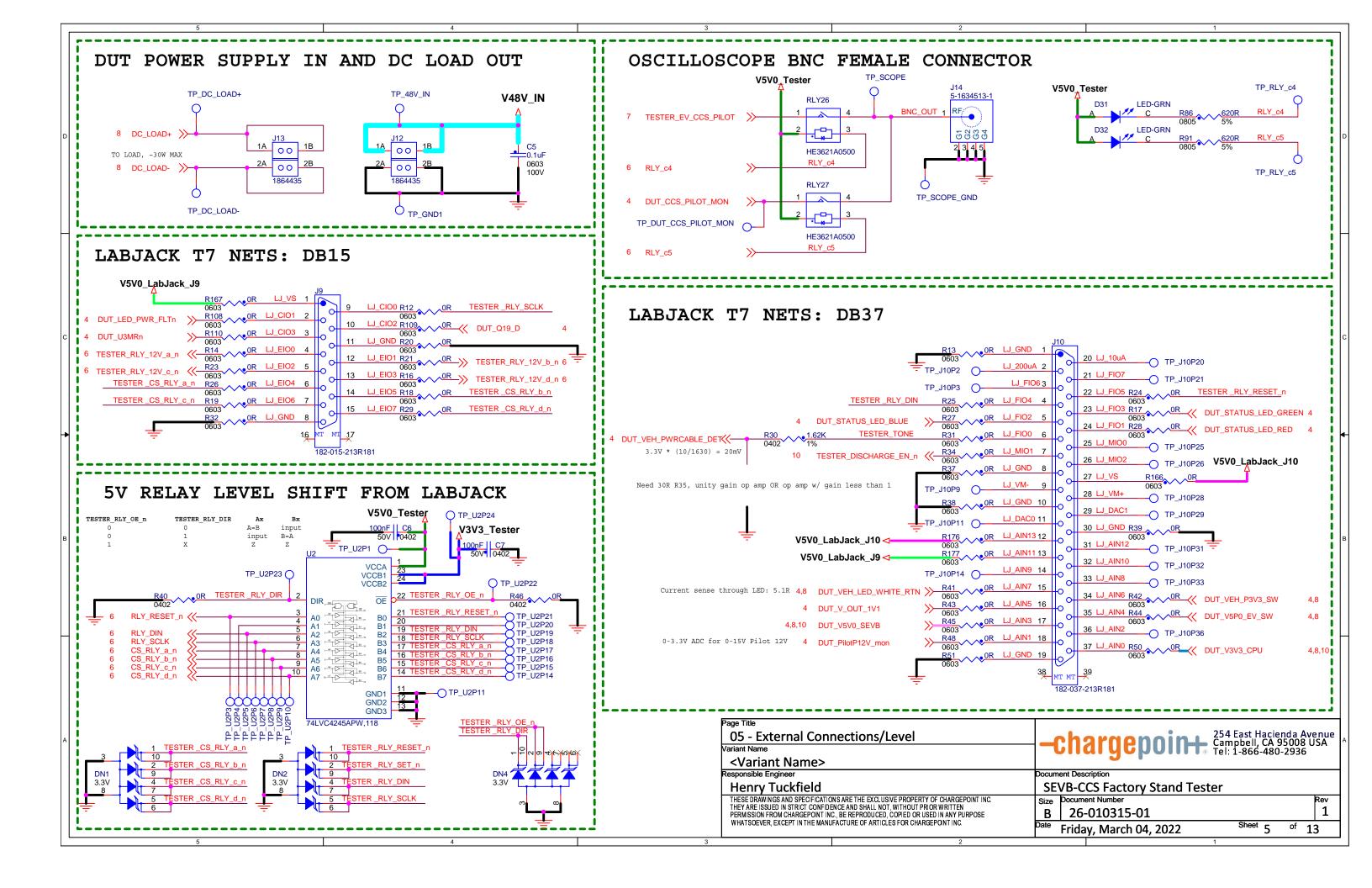
Friday, March 04, 2022

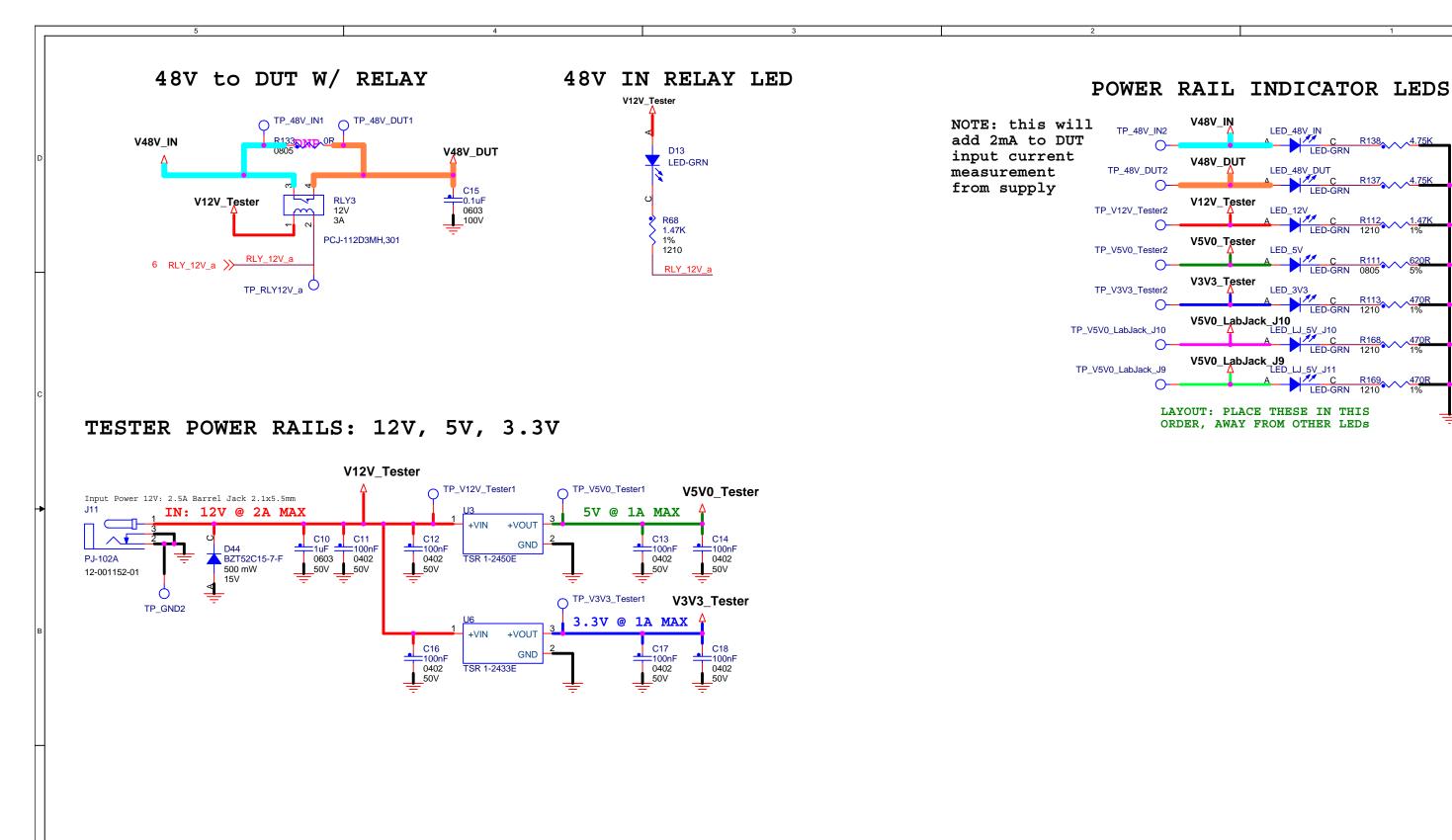
Rev 1

Sheet 2 of 13

# **DUT CONNECTORS BLOCK DIAGRAM** Similar to CHAdeMO, but we'll need a scope and another SEVB to test PLC (?) **—chargepoin—** 254 East Hacienda Avenue Campbell, CA 95008 USA Tel: 1-866-480-2936 03 - Block Diagram <Variant Name> Responsible Engineer SEVB-CCS Factory Stand Tester Size Document Number B 26-010315-01 Henry Tuckfield THESE DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF CHARGEPOINT INC. THEY ARE ISSUED IN STRICT CONFIDENCE AND SHALL NOT, WITHOUT PRIOR WRITTEN PERMISSION FROM CHARGEPOINT INC., BE REPRODUCED, COPIED OR USED IN ANY PURPOSE WHATSOEVER, EXCEPT IN THE MANUFACTURE OF ARTICLES FOR CHARGEPOINT INC. 1 of 13 Sheet 3 Friday, March 04, 2022





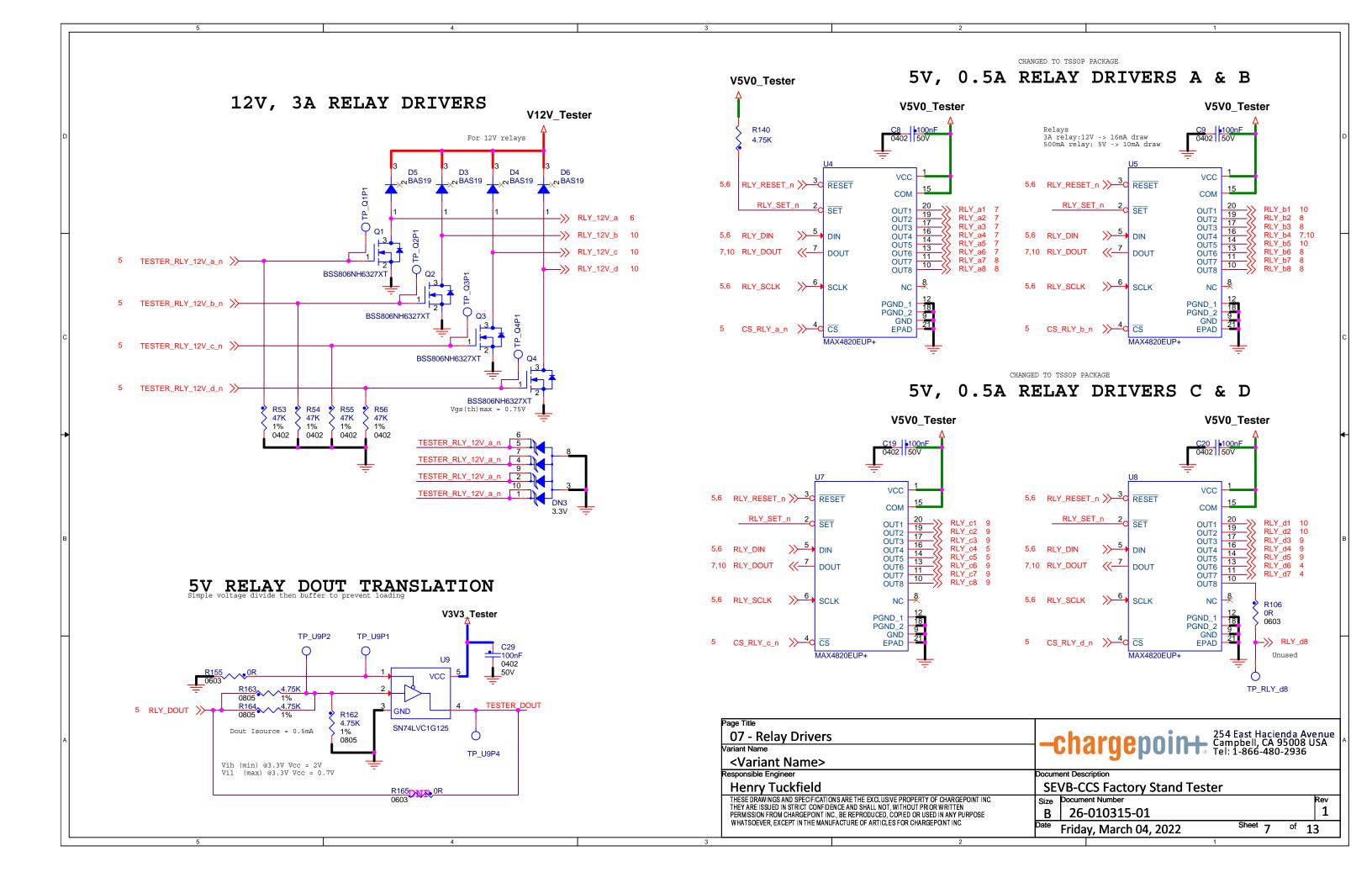


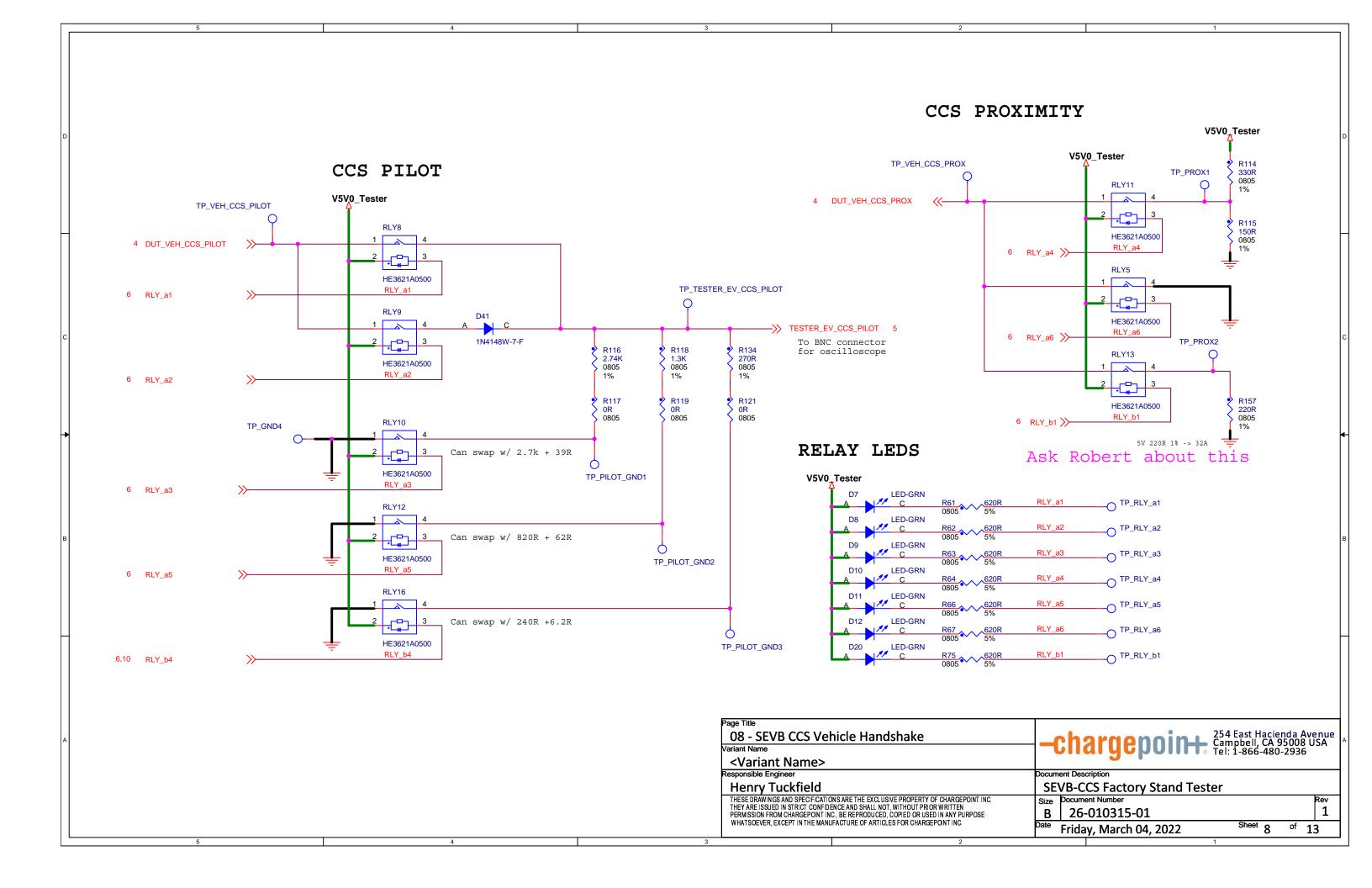
Page Title 06 - Power Supplies	254 East Hacienda Avenue			
Variant Name <variant name=""></variant>	-chargepoin+ 254 East Hacienda Avenue Campbell, CA 95008 USA Tel: 1-866-480-2936			
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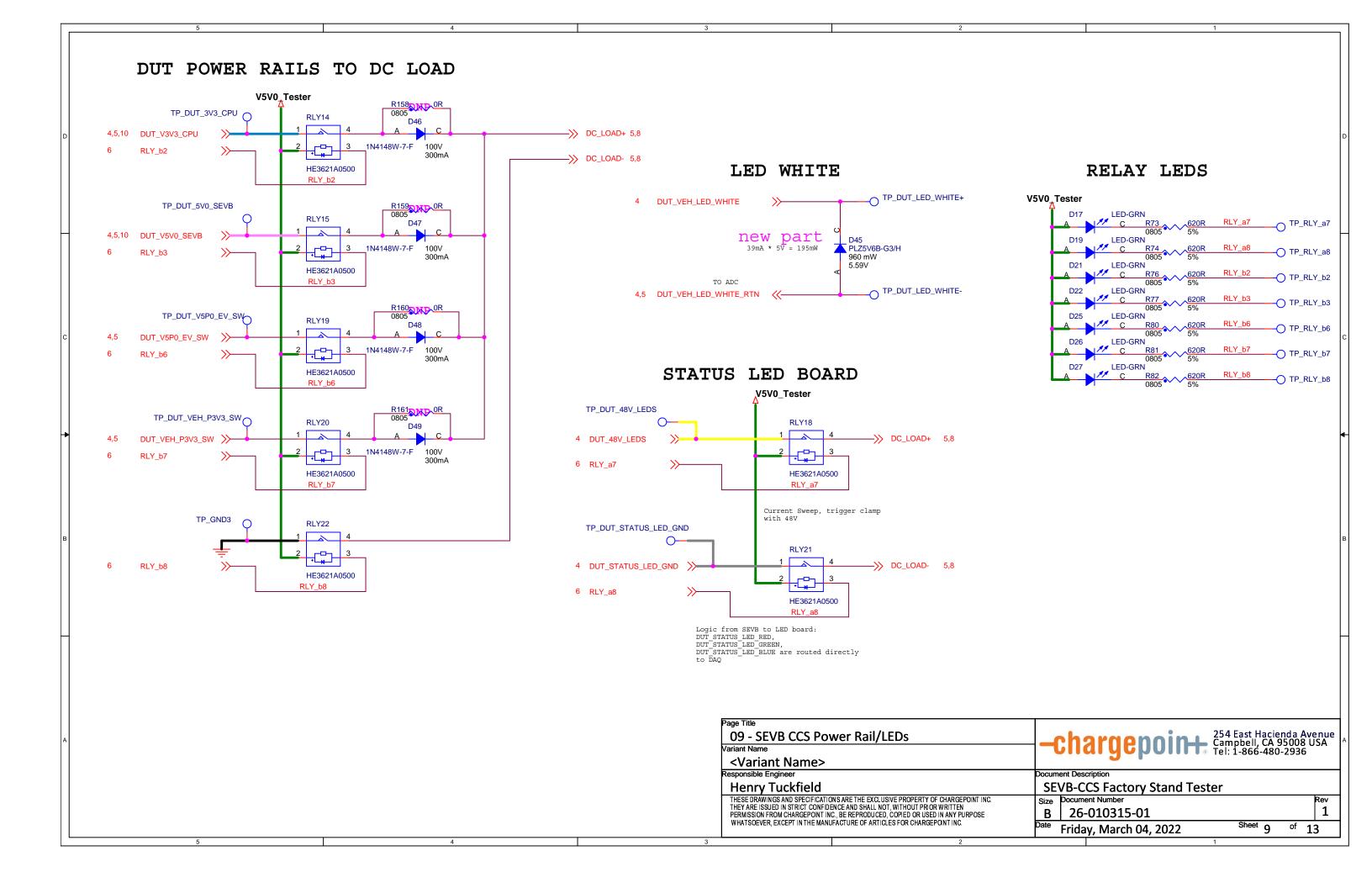
LED\_48V\_IN

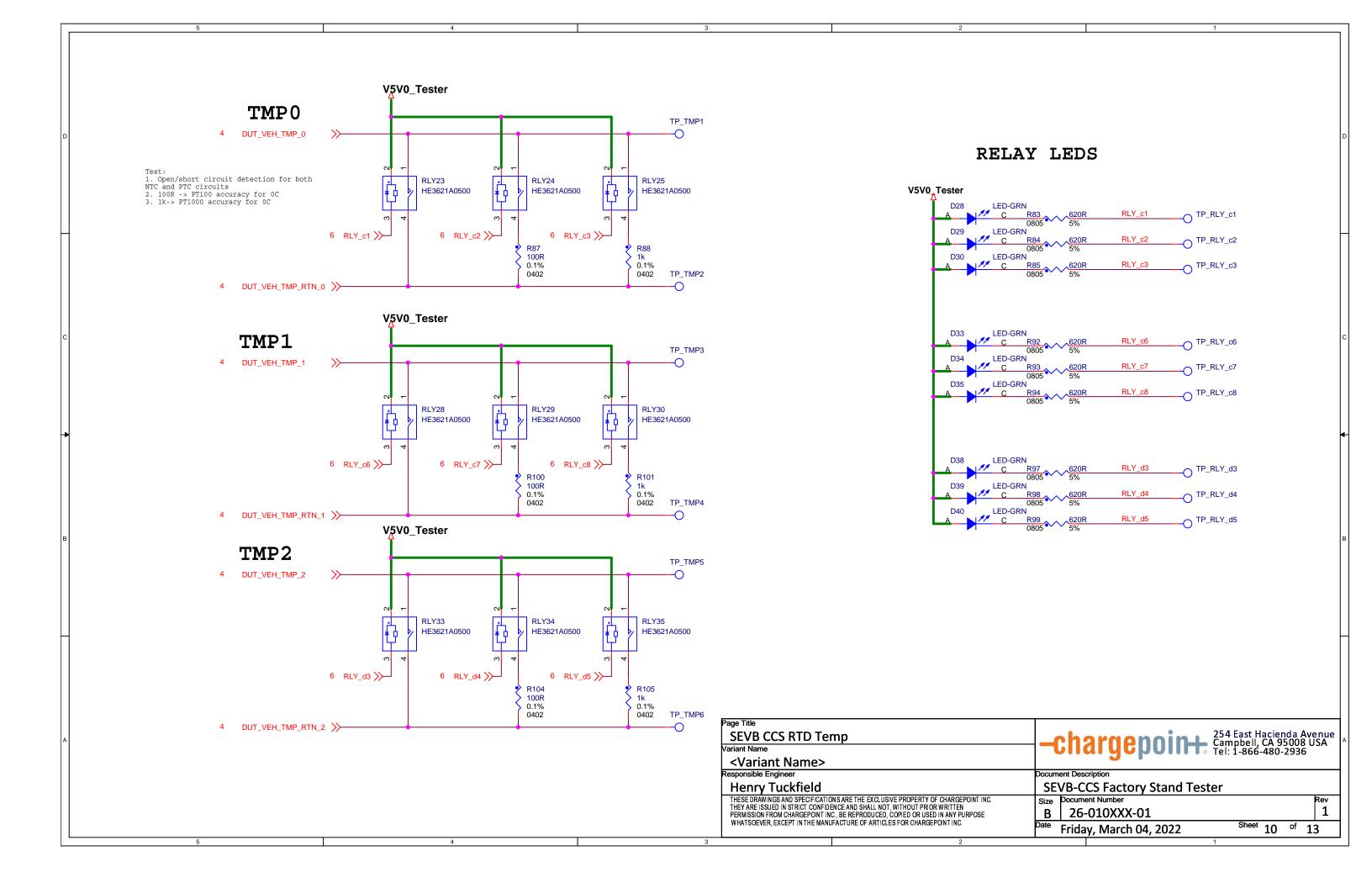
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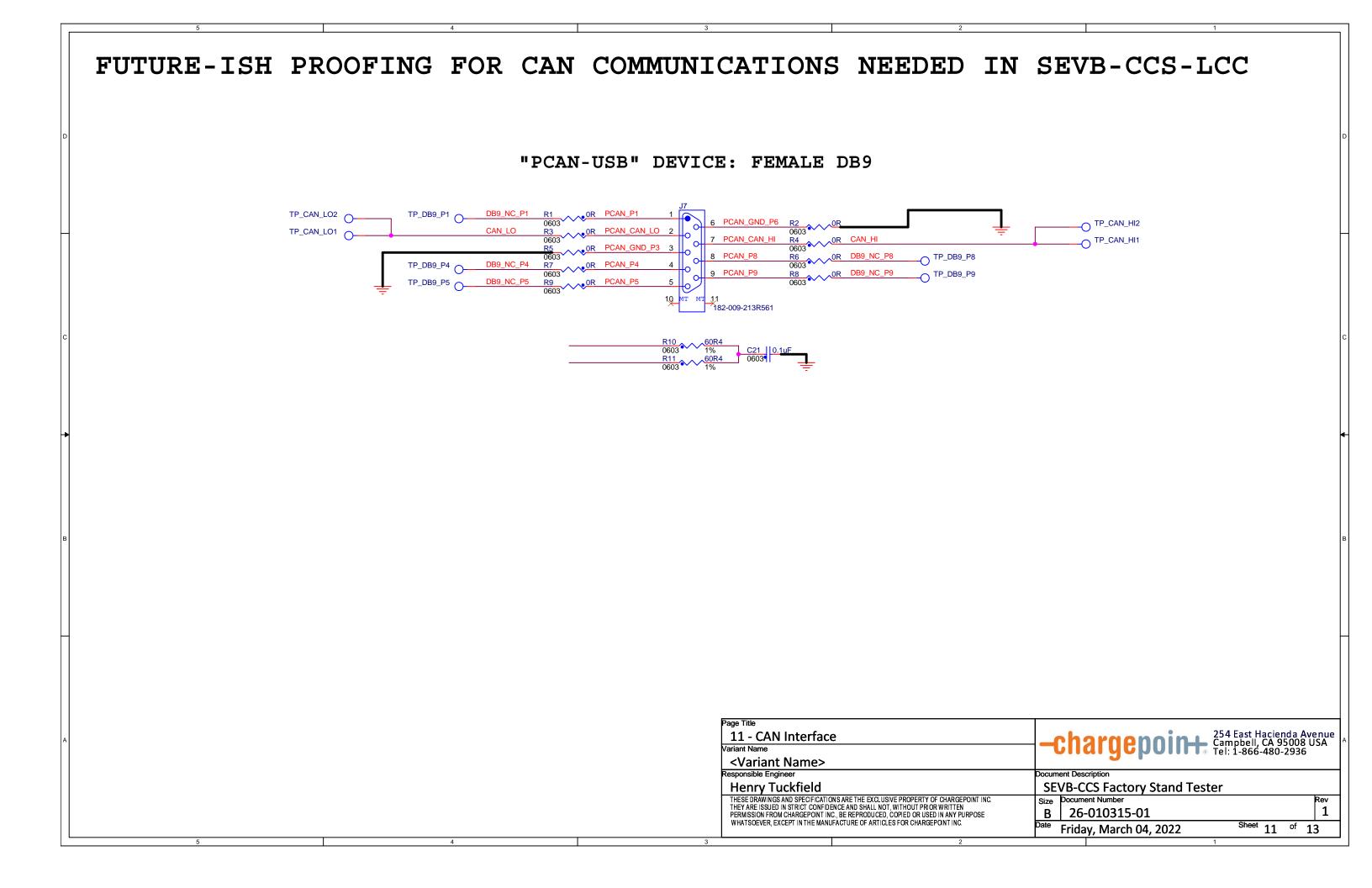
LED\_12V A C R112 LED-GRN 1210

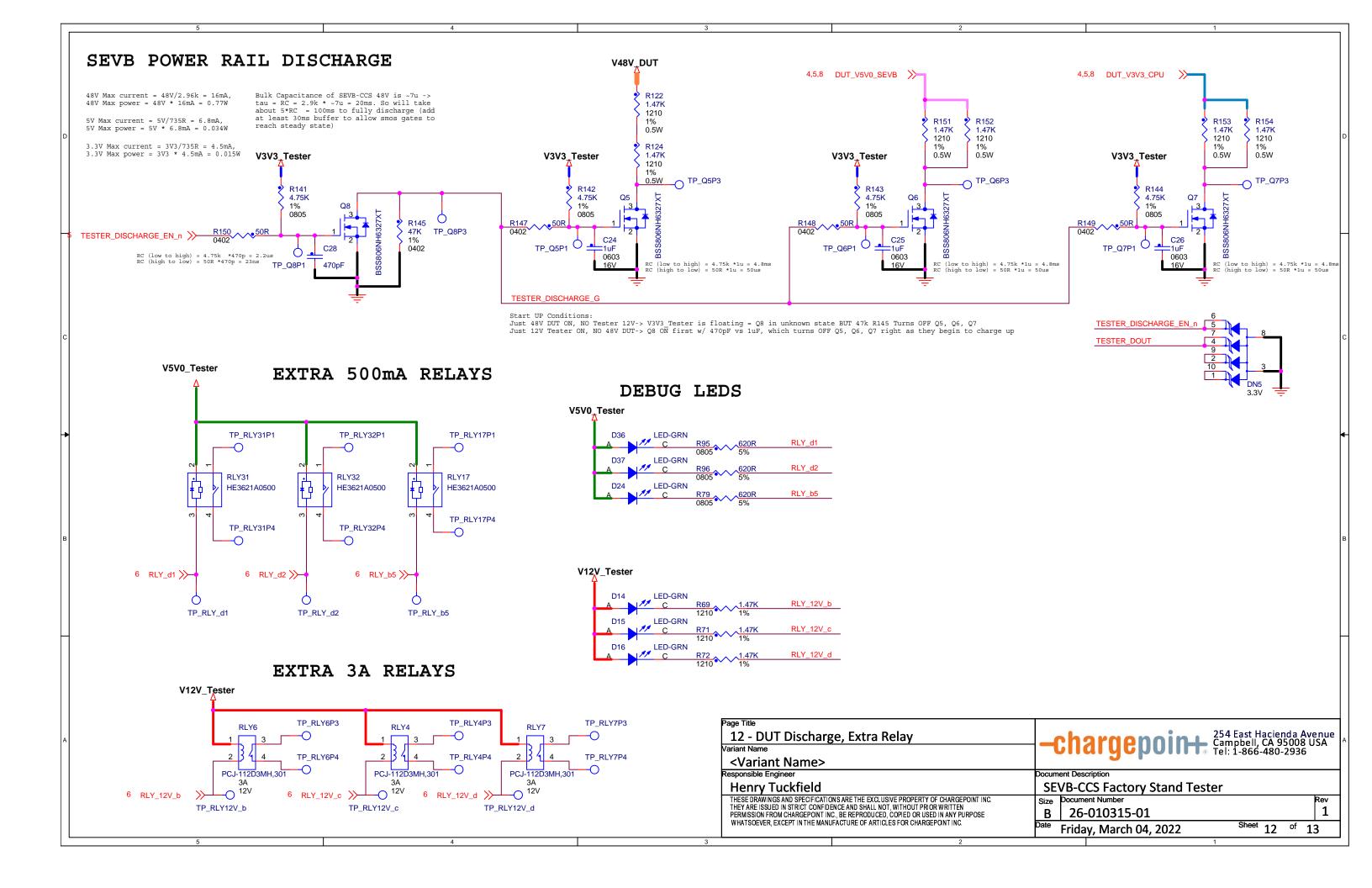












#### DNP CONNECTORS FOR LIMITED DEVELOPMENT WITHOUT FIXUTRE TO J7 J6 TO DUT\_48V\_LEDS V48V DUT DNP 3221-10-0100-00 J16 TP\_LED\_SHIELD2 R202 0603 TP\_SEVC\_SHIELD2 5 0 6 7 0 8 9 0 10 R203 0603 5 DUT\_STATUS\_LED\_RED R204 0603 →>> DUT\_CCS\_PILOT\_MON 5 DUT\_STATUS\_LED\_GREEN 0430450429 5 DUT\_STATUS\_LED\_BLUE >>> DUT\_STATUS\_LED\_GND 8 TO J5 TP\_SEVC\_NC2 TP\_SEVC\_SHIELD4 R195 OR DNP R194 OR DUT\_SEVC\_SHIELD4 .115 5,8 DUT\_V5P0\_EV\_SW 0430451828 0603 R184 R193 0603 DUT\_VEH\_I2C1\_SCL 5 DUT\_VEH\_PWRCABLE\_DET 0603 5,8 DUT\_VEH\_P3V3\_SW —>>> DUT\_VEH\_I2C1\_SDA R182 0603 R191 0603 9 DUT VEH TMP RTN 1 —>>> DUT\_VEH\_TMP\_1 R181 <mark>∕√•</mark>0R 1 2 3 R190 OR 9 DUT\_VEH\_TMP\_RTN\_0 DUT\_VEH\_TMP\_2 0603 R180 DUT\_VEH\_TMP\_RTN\_2 9 DUT\_VEH\_TMP\_0 0603 R179 0603 R188 0603 7 DUT\_VEH\_CCS\_PILOT \_\_\_\_\_ DUT\_VEH\_CCS\_PROX R187 OR DUT\_VEH\_LED\_WHITE 5,8 DUT\_VEH\_LED\_WHITE\_RTN >> -chargepoin- 254 East Hacienda Avenue Campbell, CA 95008 USA Tel: 1-866-480-2936 12 - Development DNI <Variant Name> Responsible Engineer Document Description **Henry Tuckfield SEVB-CCS Factory Stand Tester** Size Document Number THESE DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF CHARGEPOINT INC. THEY ARE ISSUED IN STRICT CONFIDENCE AND SHALL NOT, WITHOUT PRIOR WRITTEN PERMISSION FROM CHARGEPOINT INC., BE REPRODUCED, COPIED OR USED IN ANY PURPOSE В | 26-010315-01 1 WHATSOEVER, EXCEPT IN THE MANUFACTURE OF ARTICLES FOR CHARGEPOINT INC. Sheet 13 of 13 Friday, March 04, 2022