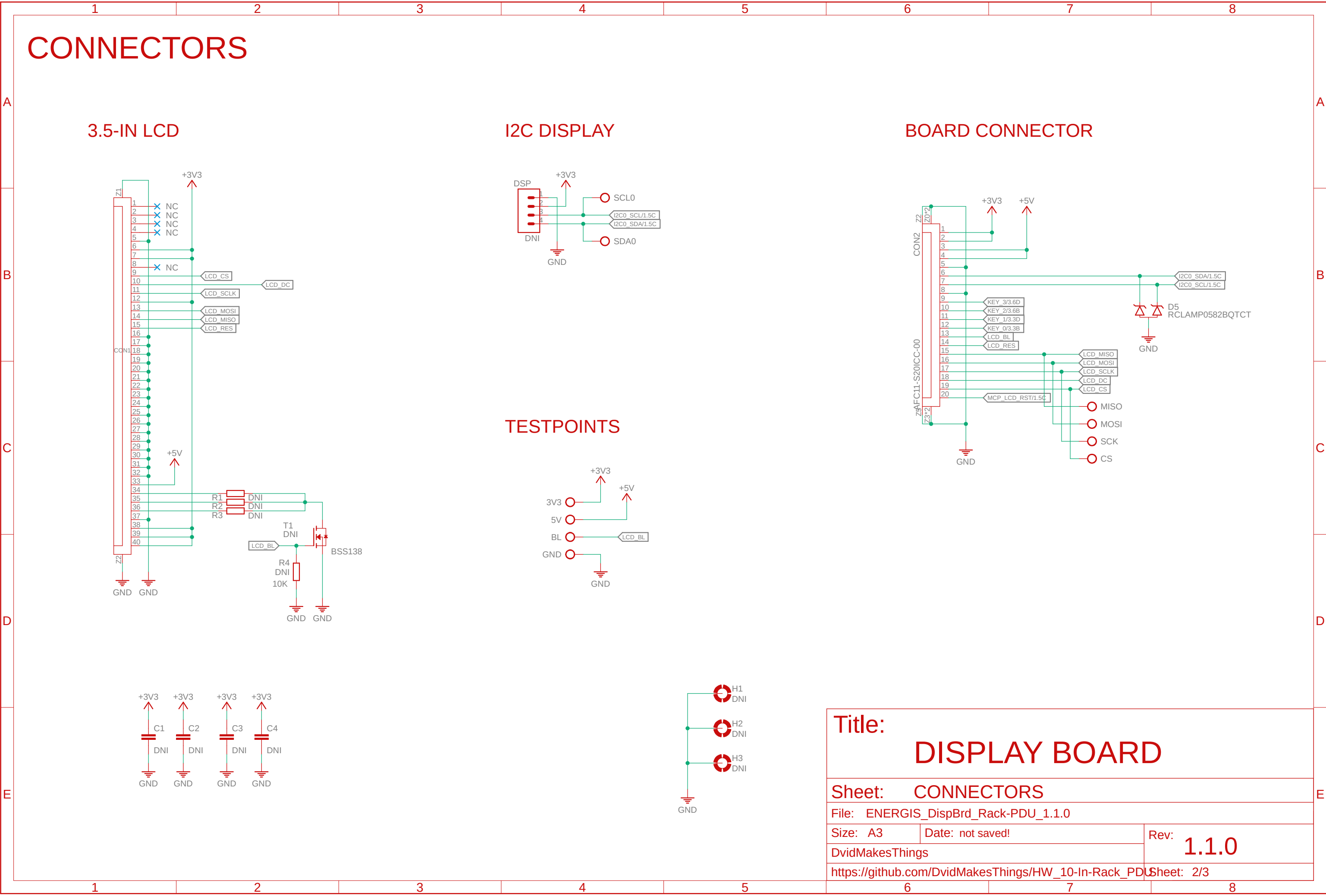
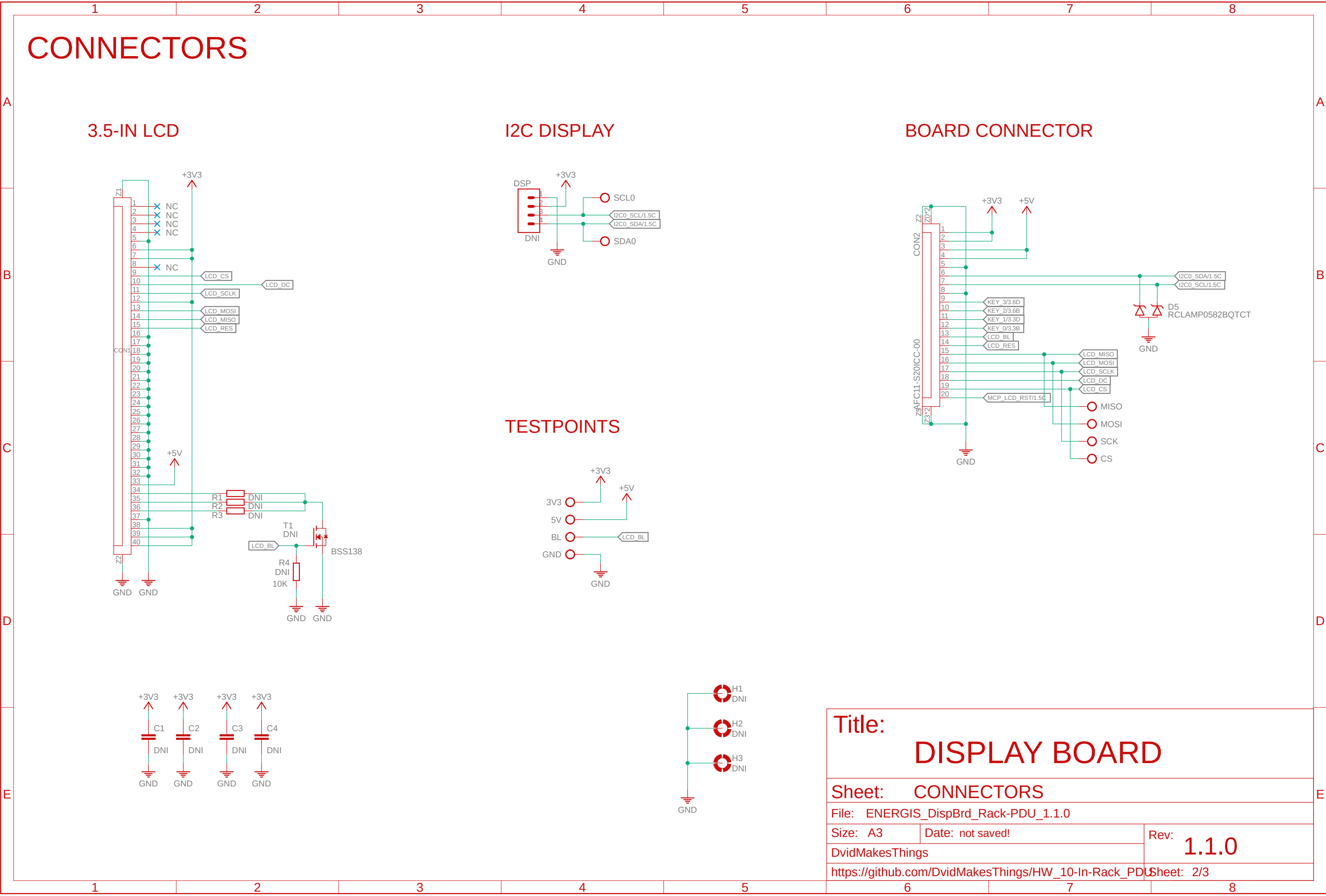
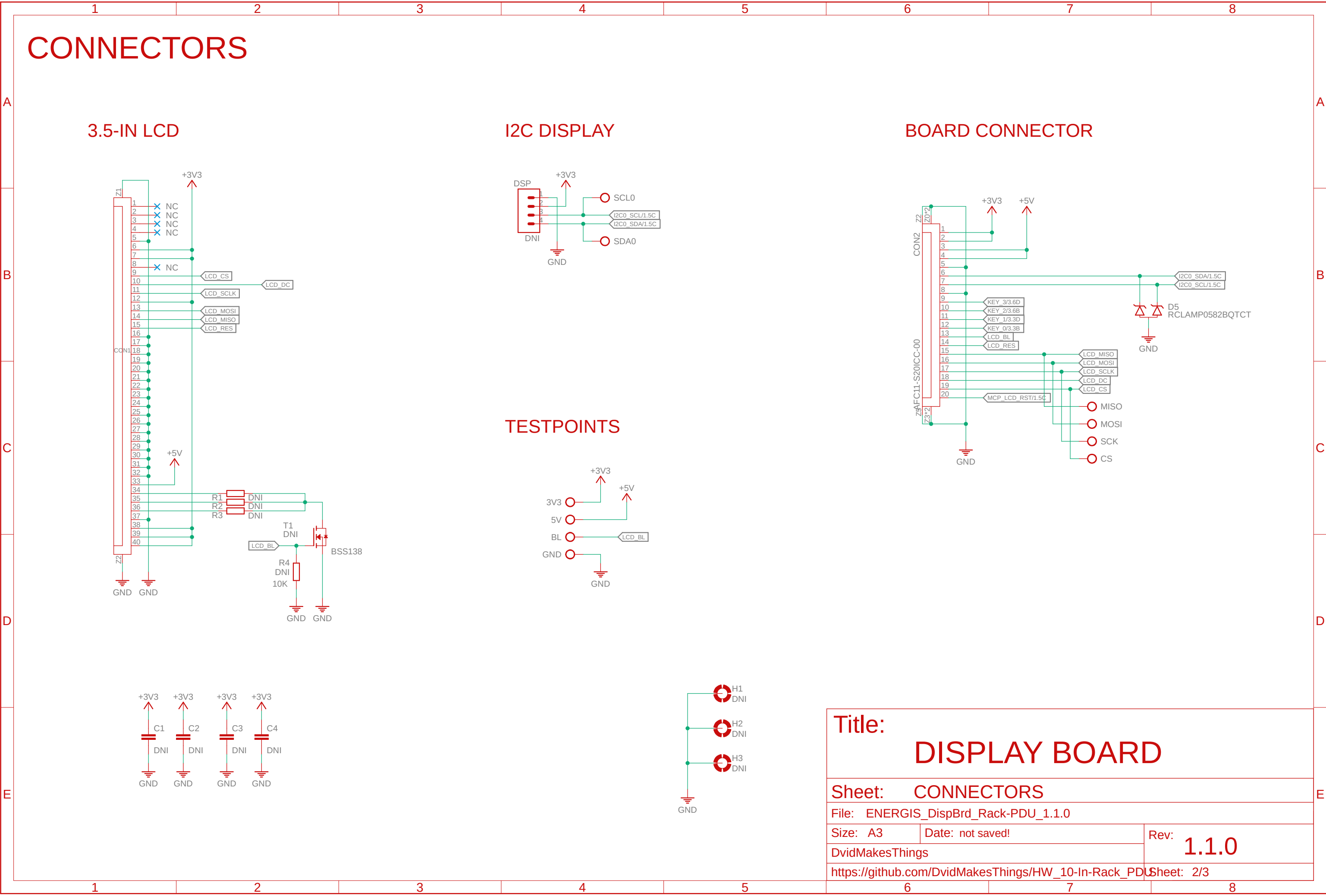
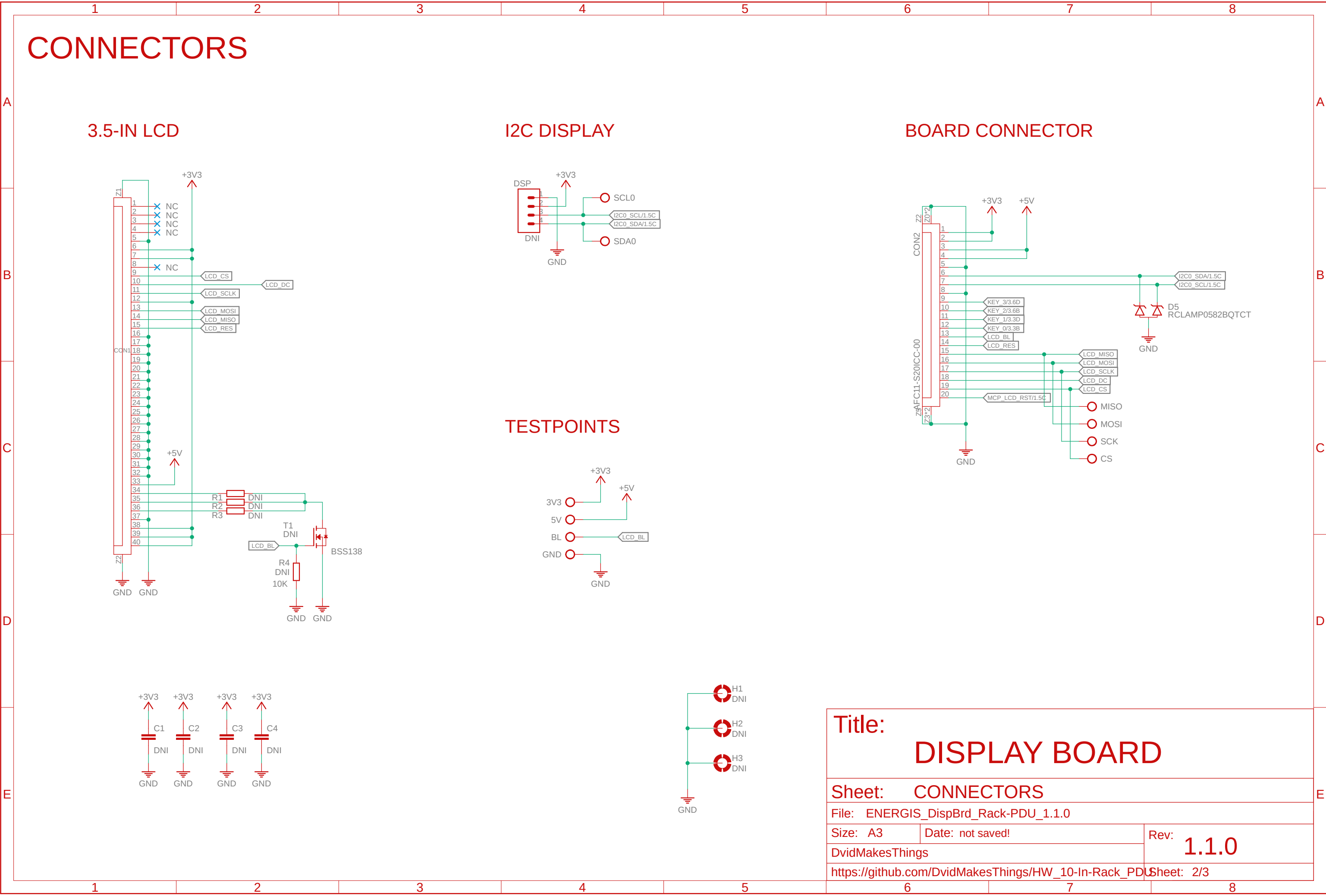
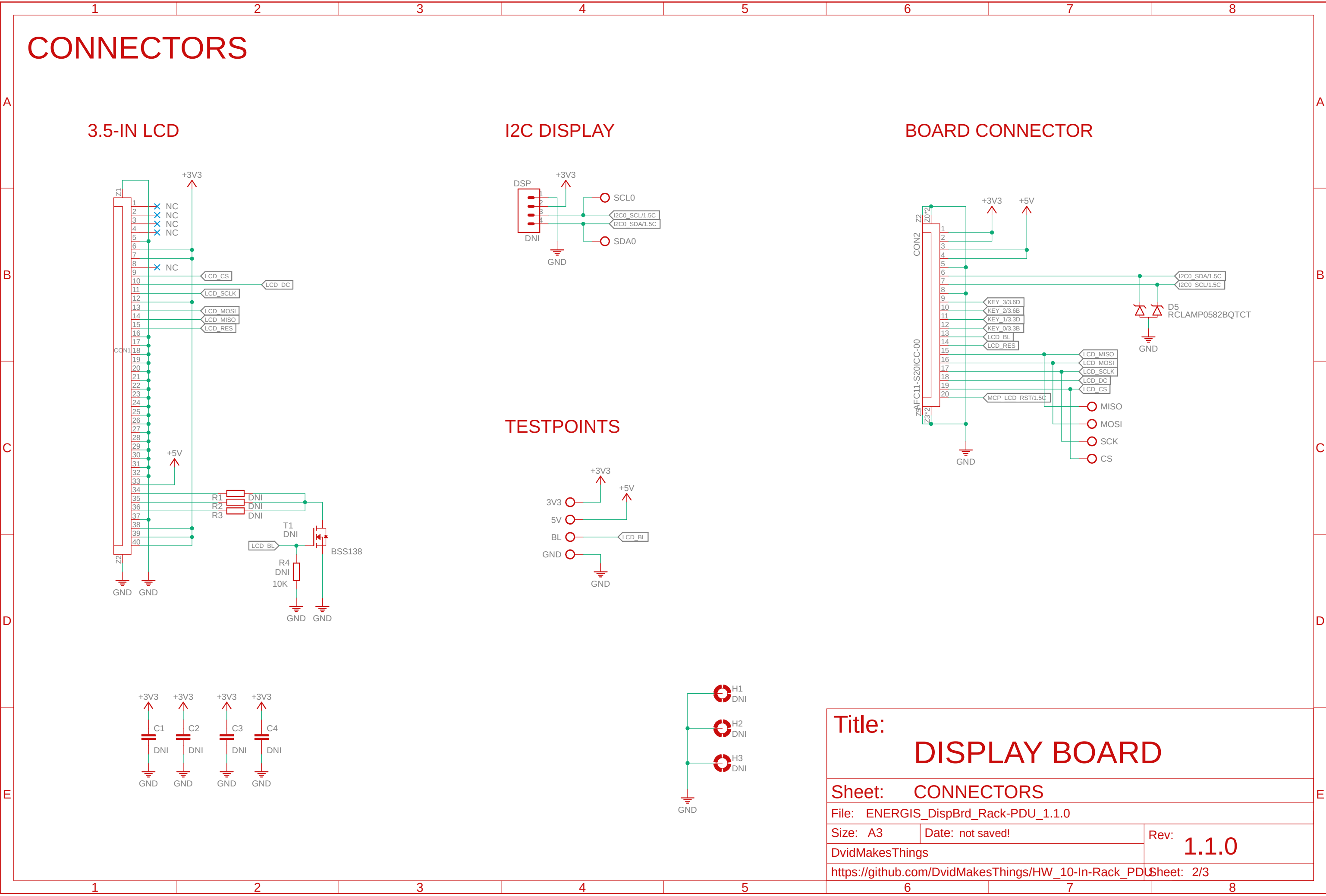
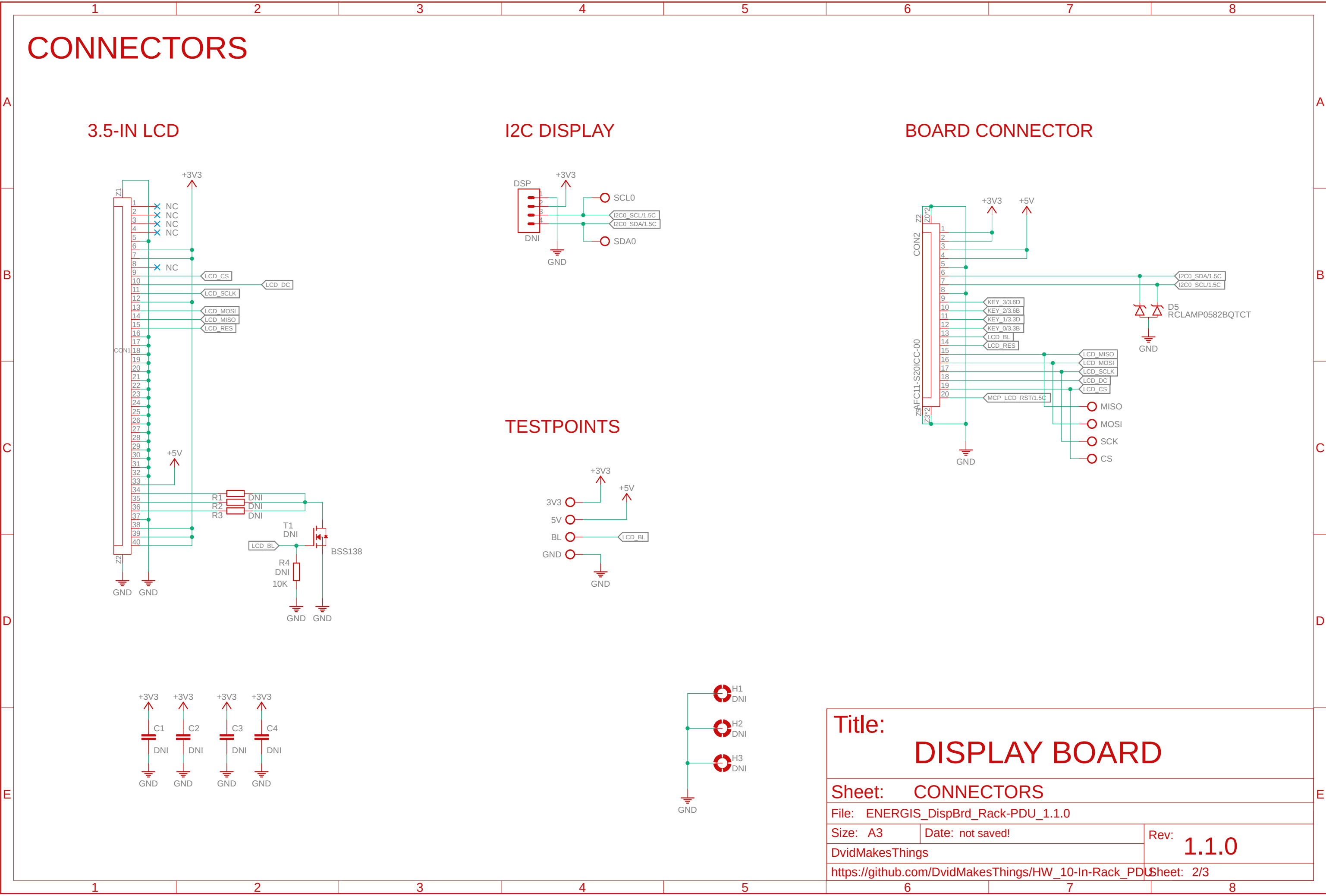
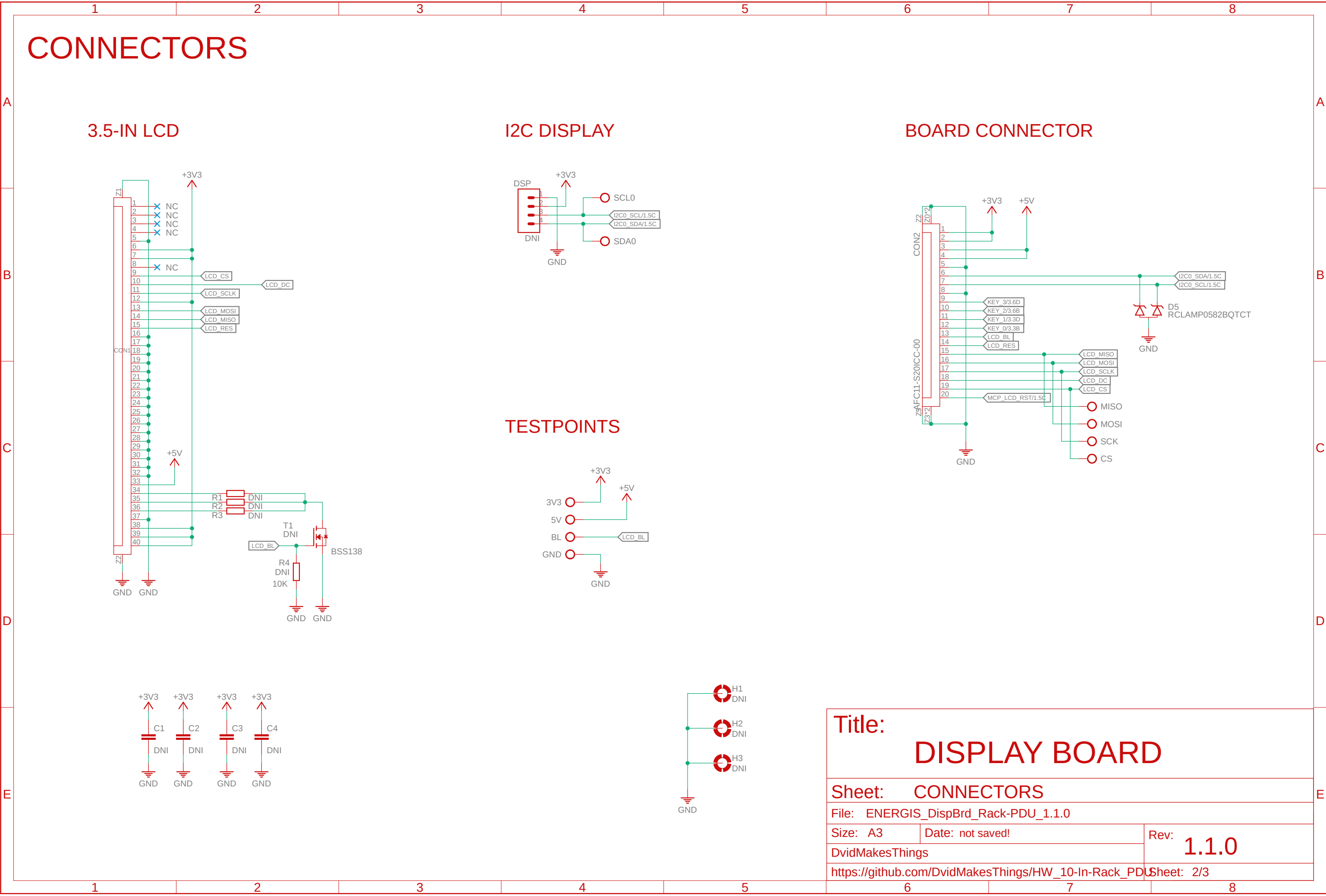
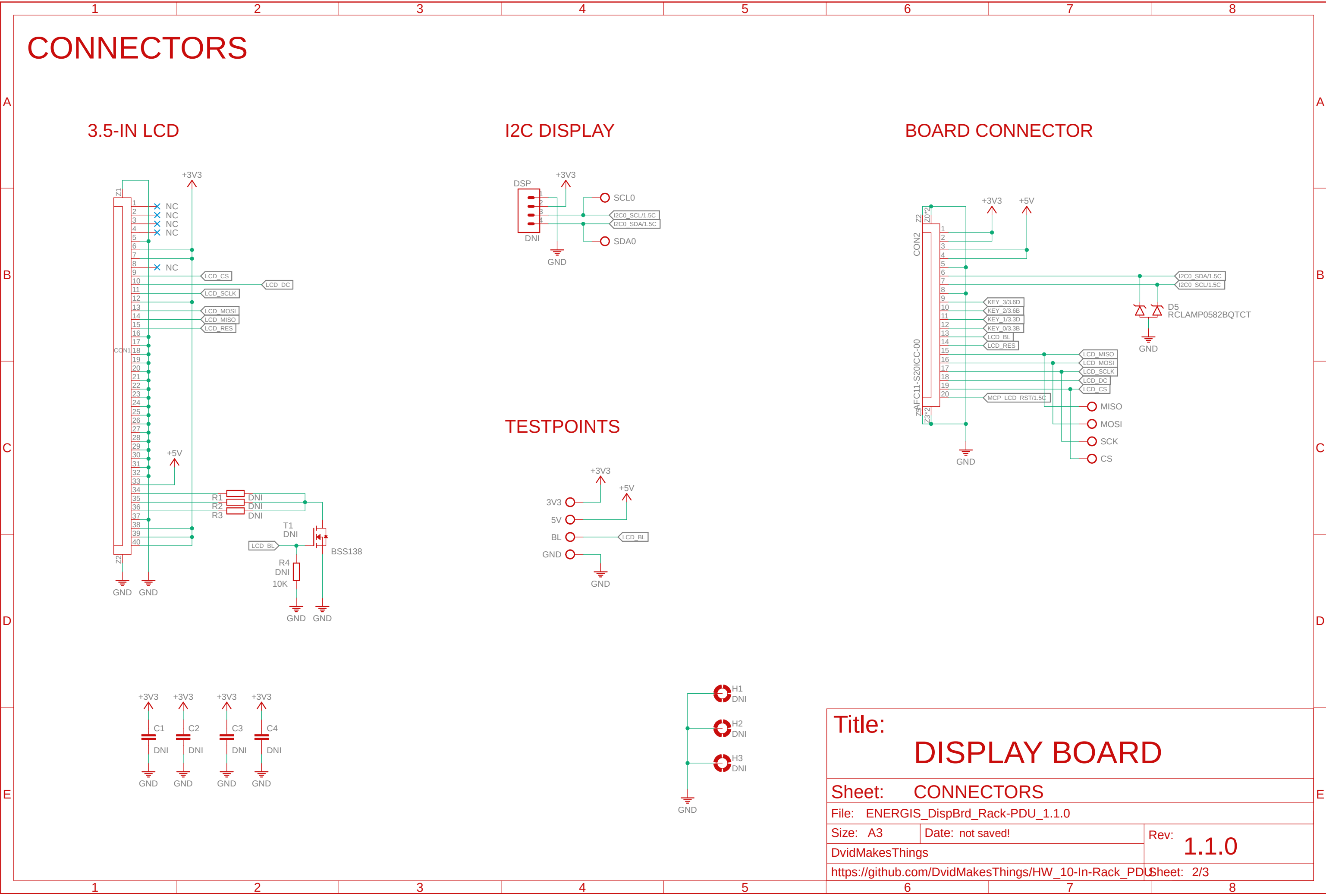


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https://github.com/DvidMakesThings/HW_10-In-Rack_PDU		Sheet: 1/3

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CONNECTORS

3.5-IN LCD

I2C DISPLAY

BOARD CONNECTOR

TESTPOINTS

DISCRETE COMPONENTS

DISPLAY BOARD

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Sheet: **CONNECTORS**

File: ENERGIS_DisBrd_Rack-PDU_1.1.0

Size: A3 Date: not saved! Rev: **1.1.0**

DvidMakesThings

https://github.com/DvidMakesThings/HW_10-In-Rack_PDU Sheet: 2/3

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12345678

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DvidMakesThings

https://github.com/DvidMakesThings/HW_10-In-Rack_PDU Sheet: 2/3

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DvidMakesThings

https://github.com/DvidMakesThings/HW_10-In-Rack_PDU Sheet: 2/3

12345678

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12345678

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DvidMakesThings

https://github.com/DvidMakesThings/HW_10-In-Rack_PDU Sheet: 2/3

12345678

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12345678

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DvidMakesThings

https://github.com/DvidMakesThings/HW_10-In-Rack_PDU Sheet: 2/3

12345678

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DvidMakesThings

https://github.com/DvidMakesThings/HW_10-In-Rack_PDU Sheet: 2/3

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3.5-IN LCD

I2C DISPLAY

BOARD CONNECTOR

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DvidMakesThings

https://github.com/DvidMakesThings/HW_10-In-Rack_PDU Sheet: 2/3

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3.5-IN LCD

I2C DISPLAY

BOARD CONNECTOR

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Size: A3 Date: not saved! Rev: **1.1.0**

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https://github.com/DvidMakesThings/HW_10-In-Rack_PDU Sheet: 2/3

CONNECTORS

3.5-IN LCD

The 3.5-inch LCD is connected via connector Z1. Pins 1-8 are NC. Pin 9 is LCD_CS. Pin 10 is LCD_DC. Pin 11 is LCD_SCLK. Pin 12 is LCD_MOSI. Pin 13 is LCD_MISO. Pin 14 is LCD_RES. Pin 15 is GND. Pin 16 is +3V3. Pin 17 is +5V. Pin 18 is GND. Pin 19 is GND. Pin 20 is GND. Pin 21 is GND. Pin 22 is GND. Pin 23 is GND. Pin 24 is GND. Pin 25 is GND. Pin 26 is GND. Pin 27 is GND. Pin 28 is GND. Pin 29 is GND. Pin 30 is GND. Pin 31 is GND. Pin 32 is GND. Pin 33 is GND. Pin 34 is GND. Pin 35 is R1 DNI. Pin 36 is R2 DNI. Pin 37 is R3 DNI. Pin 38 is T1 DNI. Pin 39 is LCD_BL. Pin 40 is BSS138.

I2C DISPLAY

The I2C Display is connected via connector DSP. Pin 1 is SCL0. Pin 2 is I2C0_SCL/1.5C. Pin 3 is I2C0_SDA/1.5C. Pin 4 is SDA0. Pin 5 is GND. Pin 6 is +3V3.

BOARD CONNECTOR

The Board Connector is connected via connector CON2. Pin 1 is KEY_3/3.6D. Pin 2 is KEY_2/3.6B. Pin 3 is KEY_1/3.3D. Pin 4 is KEY_0/3.3B. Pin 5 is LCD_BL. Pin 6 is LCD_RES. Pin 7 is I2C0_SDA/1.5C. Pin 8 is I2C0_SCL/1.5C. Pin 9 is MCP_LCD_RST/1.5C. Pin 10 is LCD_MISO. Pin 11 is LCD_MOSI. Pin 12 is LCD_SCLK. Pin 13 is LCD_DC. Pin 14 is LCD_CS. Pin 15 is MISO. Pin 16 is MOSI. Pin 17 is SCK. Pin 18 is CS. Pin 19 is GND. Pin 20 is +3V3. Pin 21 is +5V. Pin 22 is GND.

TESTPOINTS

The Test Points are connected via connector Z3. Pin 1 is +3V3. Pin 2 is +5V. Pin 3 is BL. Pin 4 is LCD_BL. Pin 5 is GND.

DISCRETE COMPONENTS

Four capacitors C1, C2, C3, and C4 are connected to +3V3 and GND. They are labeled DNI.

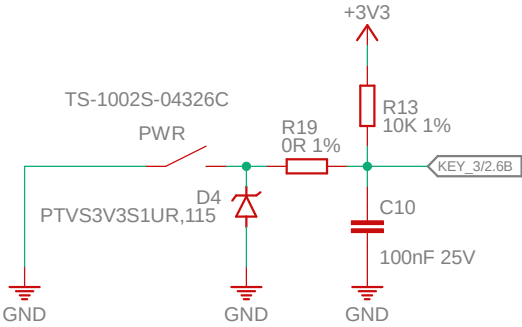
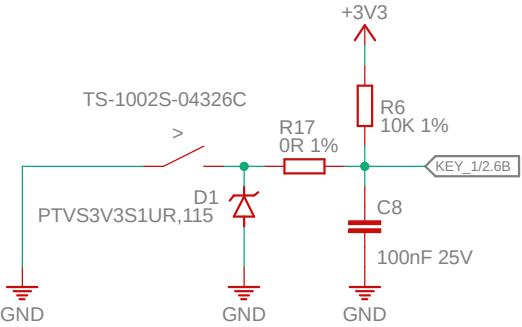
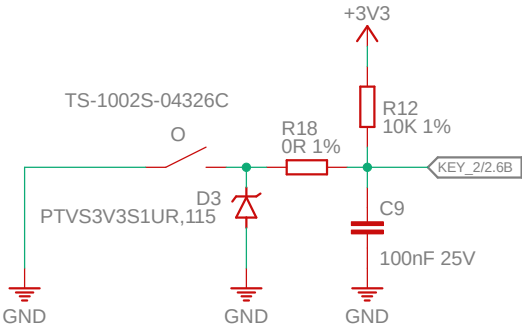
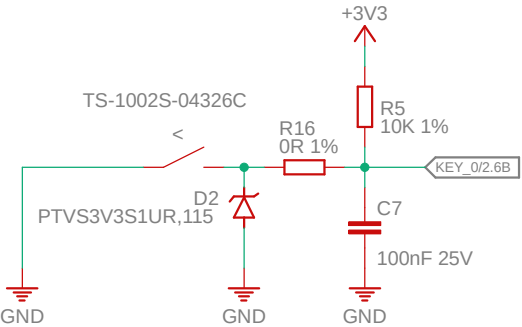
POWER SUPPLY

The power supply is connected via connector H1, H2, and H3. Pin 1 is H1 DNI. Pin 2 is H2 DNI. Pin 3 is H3 DNI. Pin 4 is GND.

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Sheet: CONNECTORS			
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Size: A3	Date: not saved!	Rev: 1.1.0	
DvidMakesThings		https://github.com/DvidMakesThings/HW_10-In-Rack_PDU	
		Sheet: 2/3	

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PUSHBUTTONS



Title:		DISPLAY BOARD	
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File: ENERGIS_DispBrd_Rack-PDU_1.1.0			
Size: A3	Date: not saved!	Rev: 1.1.0	
DvidMakesThings		Sheet: 3/3	
https://github.com/DvidMakesThings/HW_10-In-Rack_PDU			