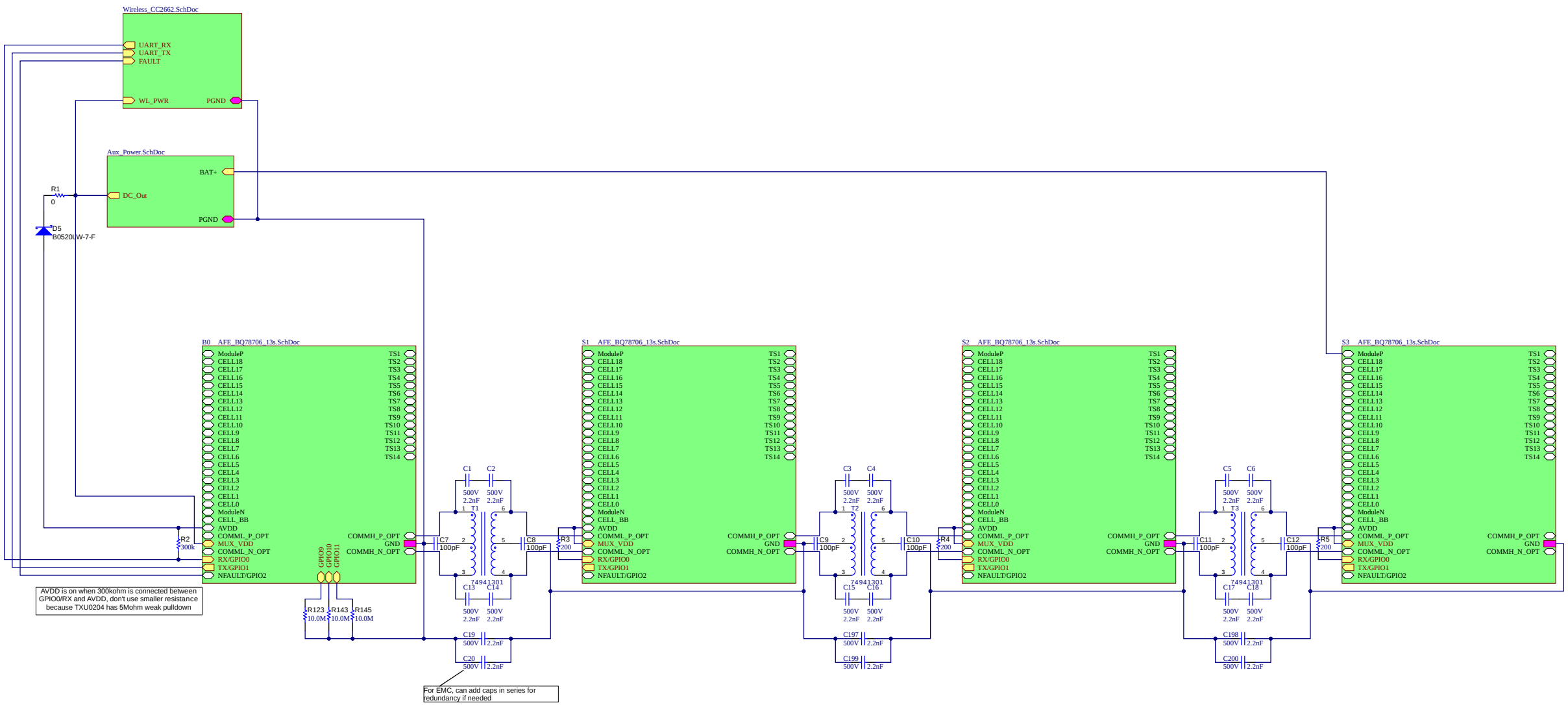
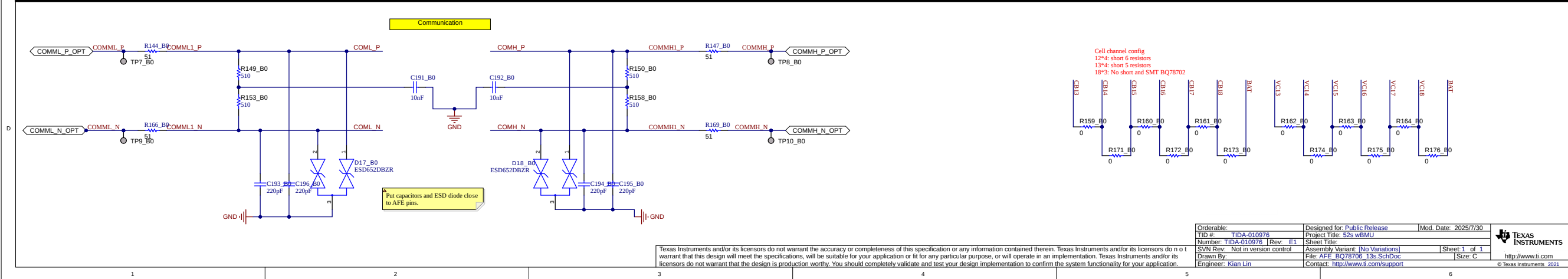
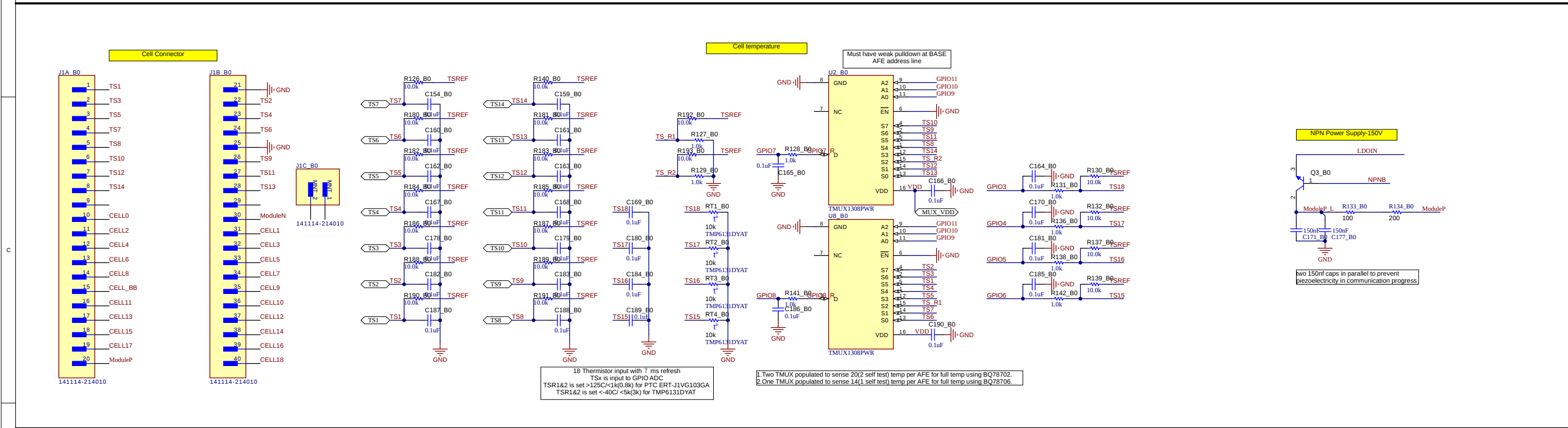
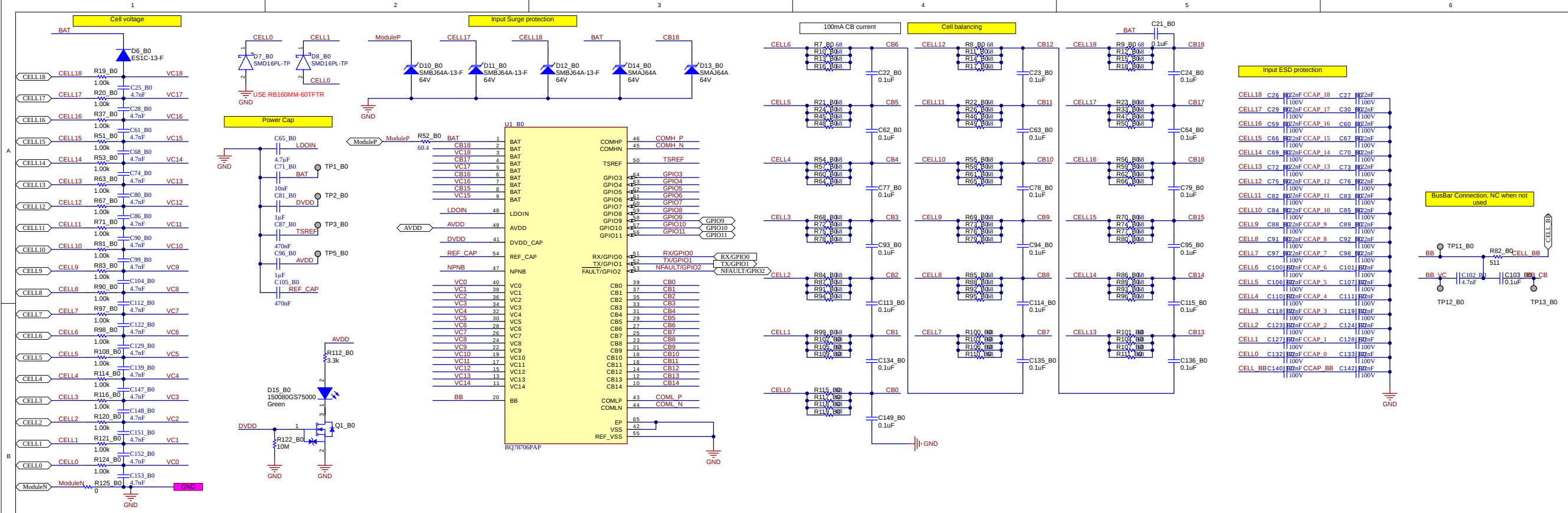
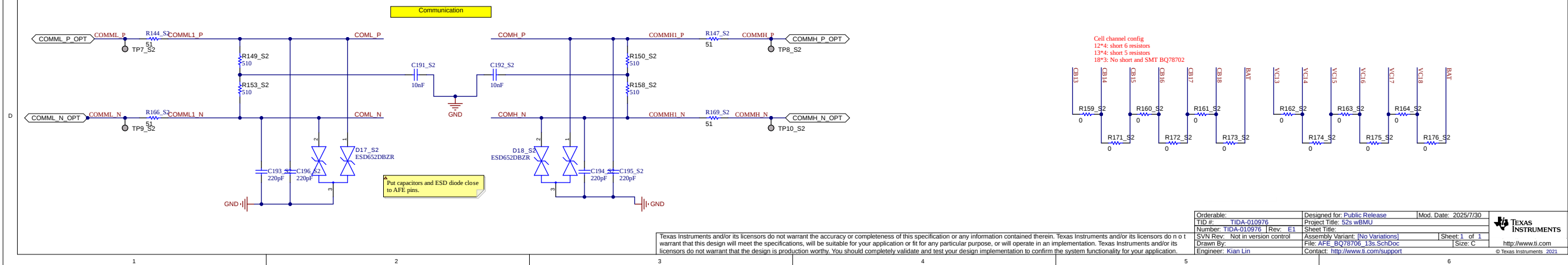
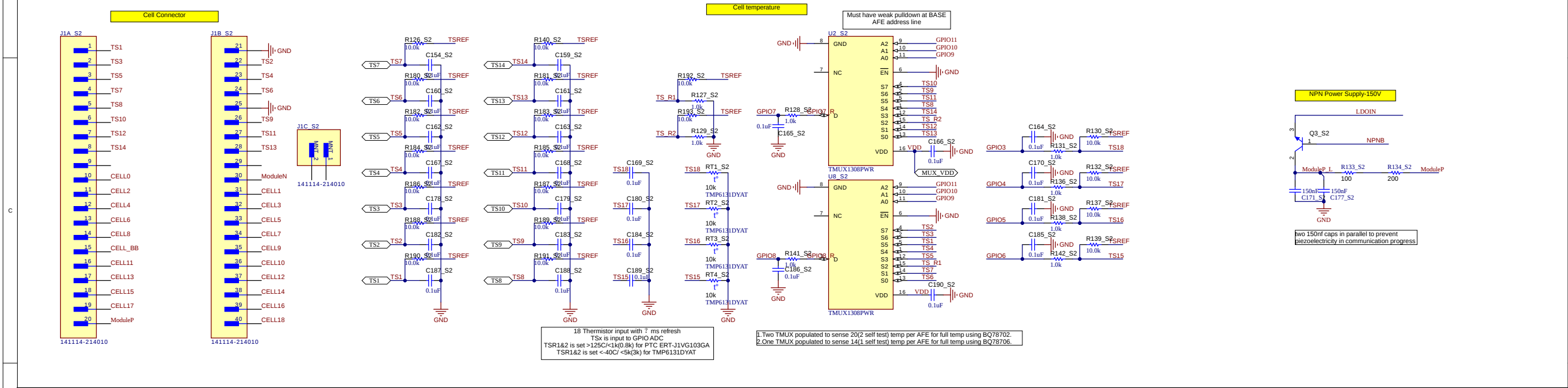
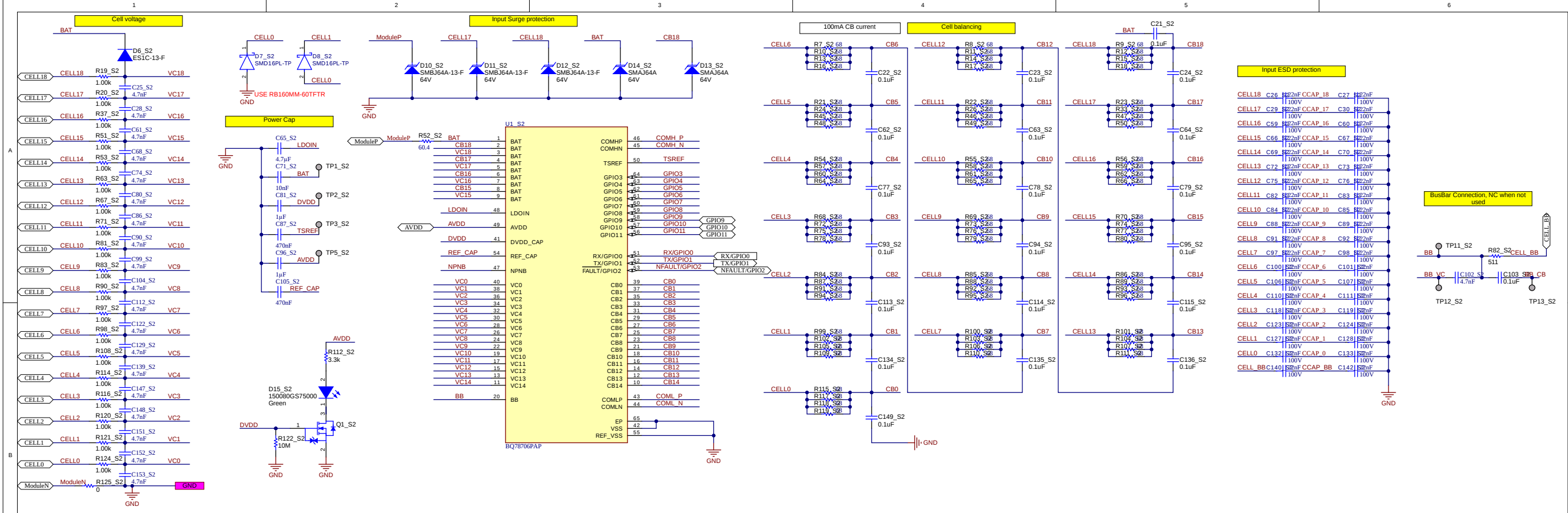
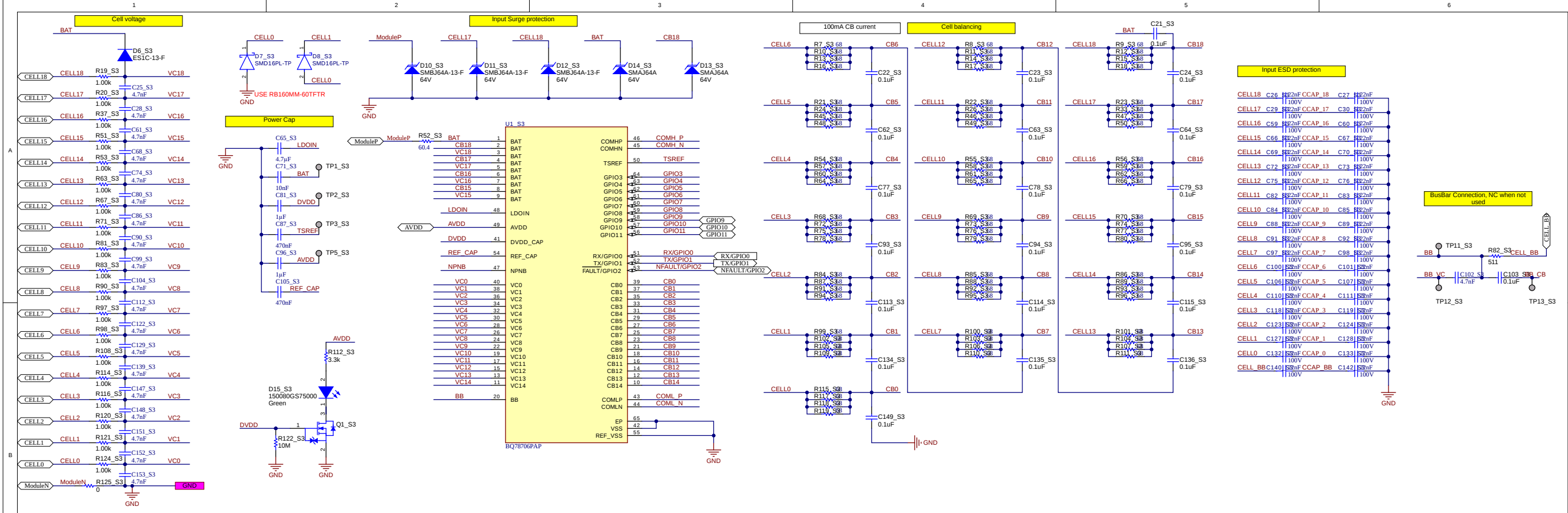






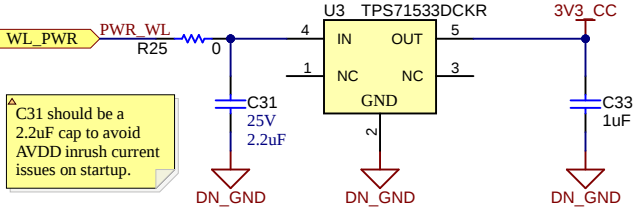
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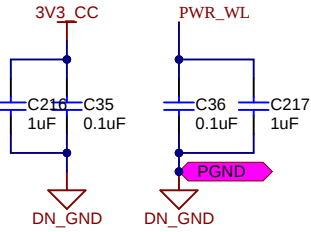
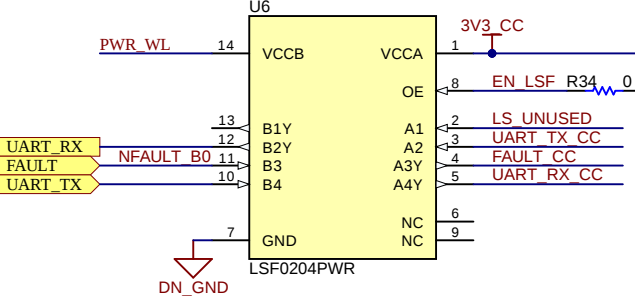


User can set LM5168 to 5V and populate R25 to power CC2662 and other devices.

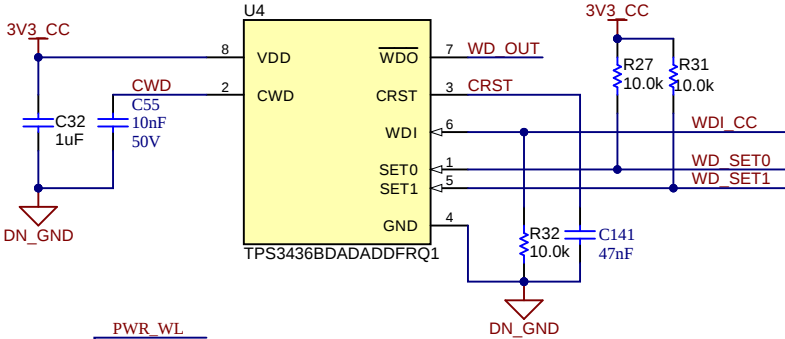
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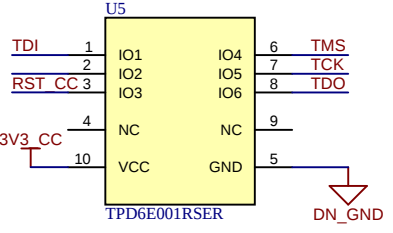
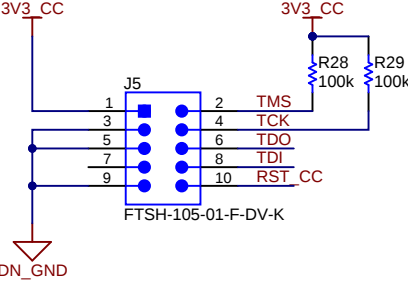
Level Shifter



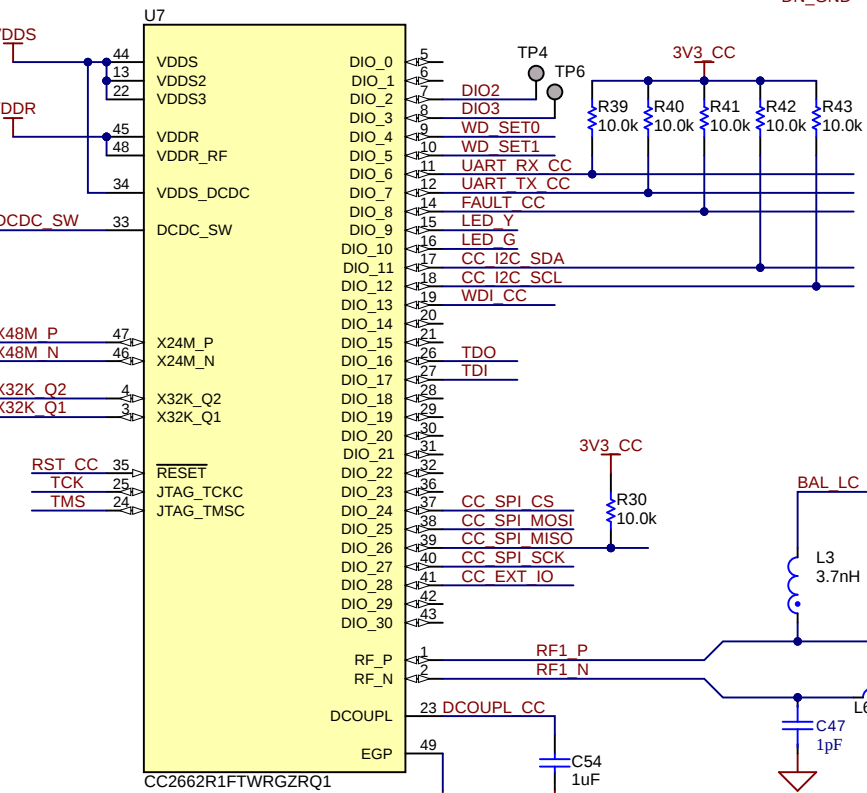
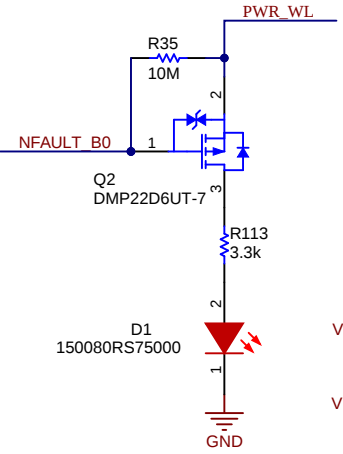
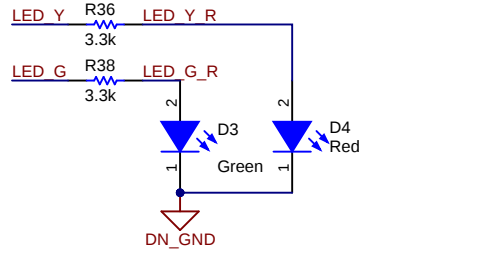
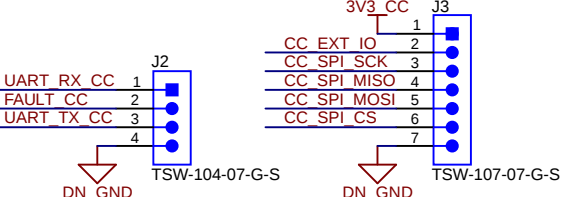
Watchdog



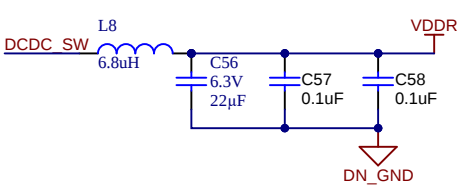
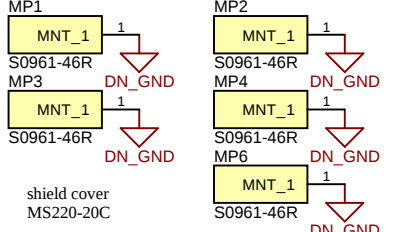
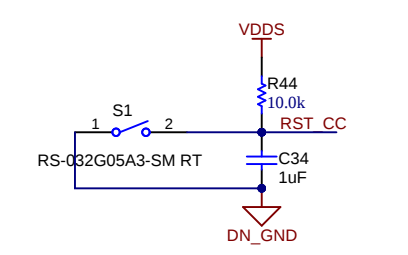
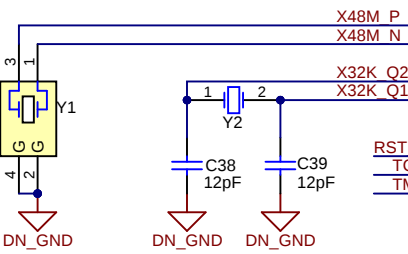
JTAG & ESD



CC2662 Sensor I/O



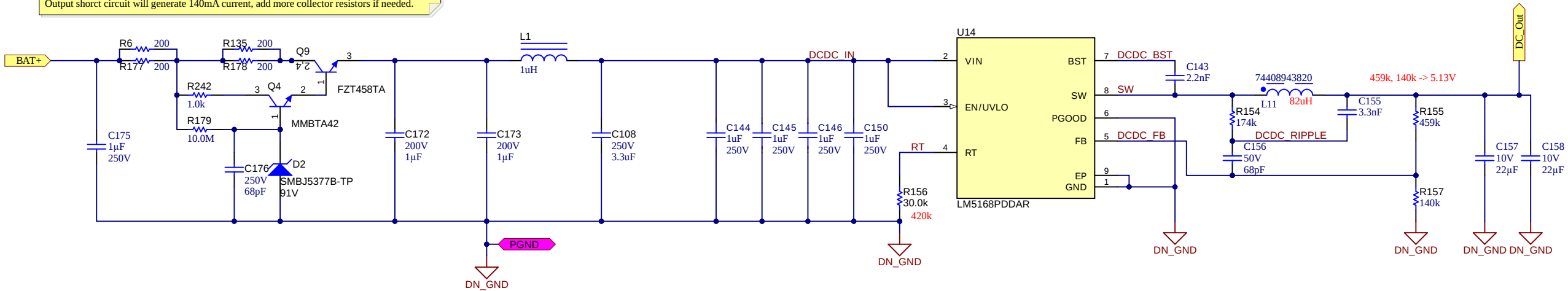
CC2662R



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TID #:	Project Title: 52s wBMU	
Number: TIDA-010976	Rev: E1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 6 of 8
Drawn By:	File: Wireless_CC2662.SchDoc	Size: A3
Engineer: Kian Lin	Contact: http://www.ti.com/support	© Texas Instruments 2021

Step down NPN, 90V ouptut, 55mA max load at 25oC.
The BJT DC current gain decreases a lot a low temp. So, the max load at -40oC will has decrease to 14mA.
This circuit has 6uA quiescent current at 150VIN, no load.
Output shortcircuit will generate 140mA current, add more collector resistors if needed.



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Orderable:	Designed for: Public Release	Mod. Date: 2025/5/19
TID #: TIDA-010976	Project Title: 52s wBMU	
Number: TIDA-010976	Rev: E1	Sheet Title:
SVN Rev: Not in version control	Assembly Variant: [No Variations]	Sheet: 7 of 8
Drawn By:	File: Aux_Power.SchDoc	Size: A3
Engineer: Kian Lin	Contact: http://www.ti.com/support	



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