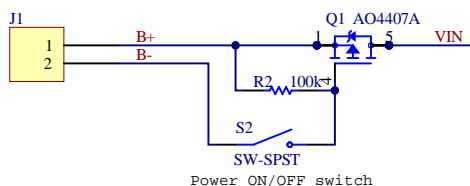
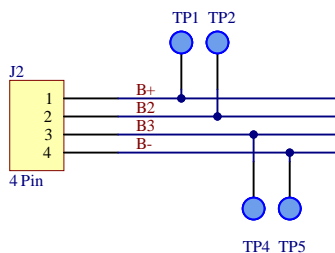


Add proper footprints for input connectors

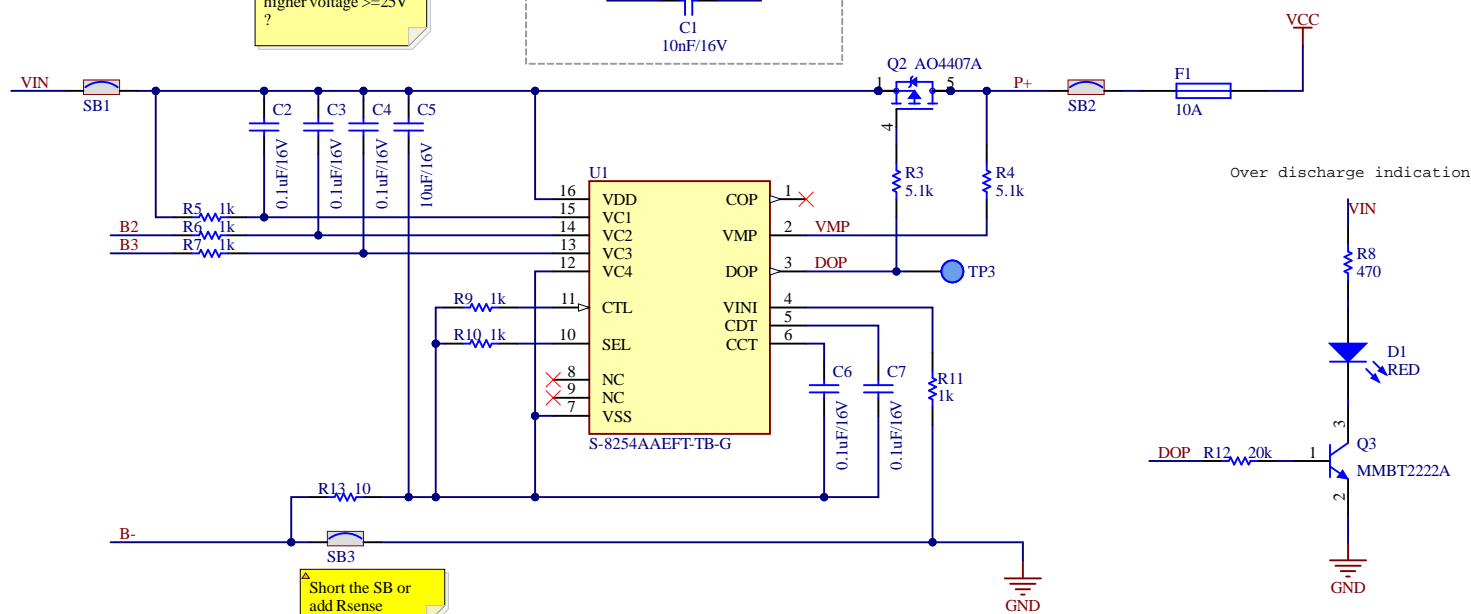
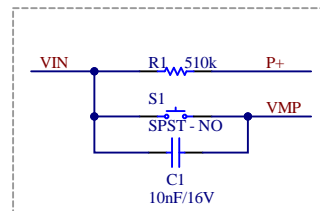
Battery Main connector



Battery cell connector



Over discharge state Reset



Short the SB or add Rsense

Title : **DC2DC_Buck_Boost_Converter**

Page : **Under voltage detection**

Size: A4 Number:01 Revision:1.0

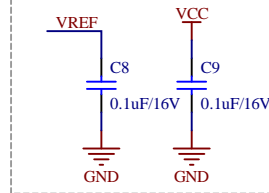
Date: 10/22/2024 Time: 3:00:35 PM Sheet1 of 4

Sheet Name: 01.Under_voltage_detection.SchDoc



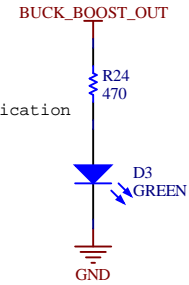
Drawn By : Batch20_ENTC_UOM

Decoupling Capacitors

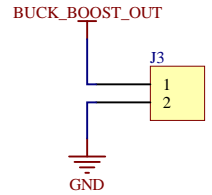


Place C8 and C9 as close as possible to U2 VCC and REF pins

Power up indication

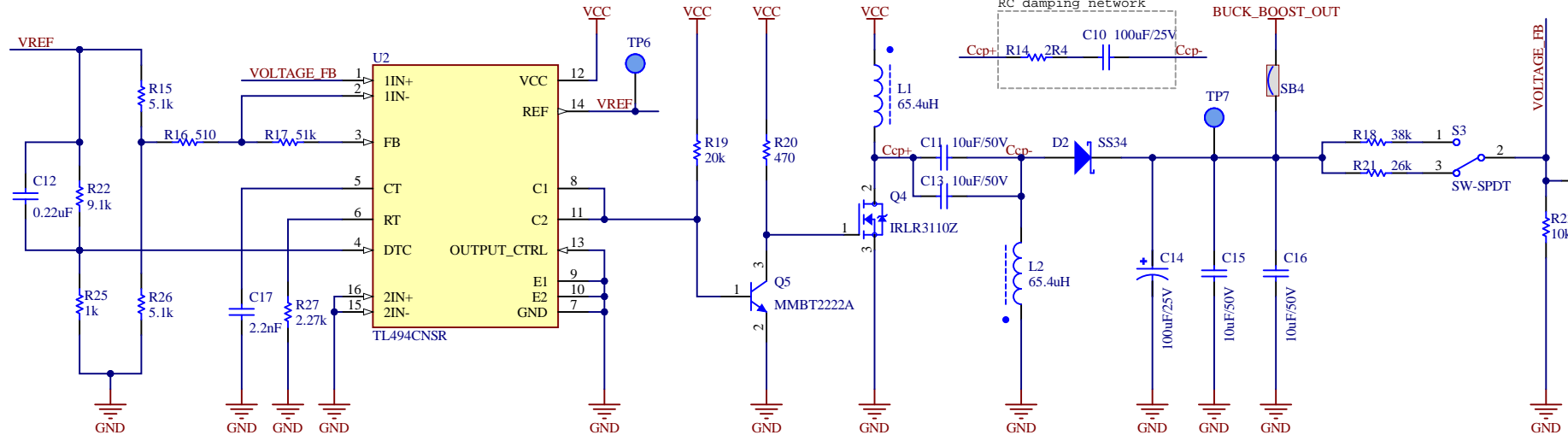
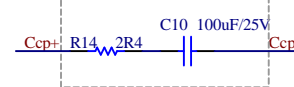


Output Connector



SEPIC configuration

RC damping network



Add mosfet driver?
MIC4416YM4-TR

Title : **DC2DC_Buck_Boost_Converter**

Page : **Power Path**

Size: A4

Number:02

Revision:1.0

Date: 10/22/2024

Time: 3:00:35 PM

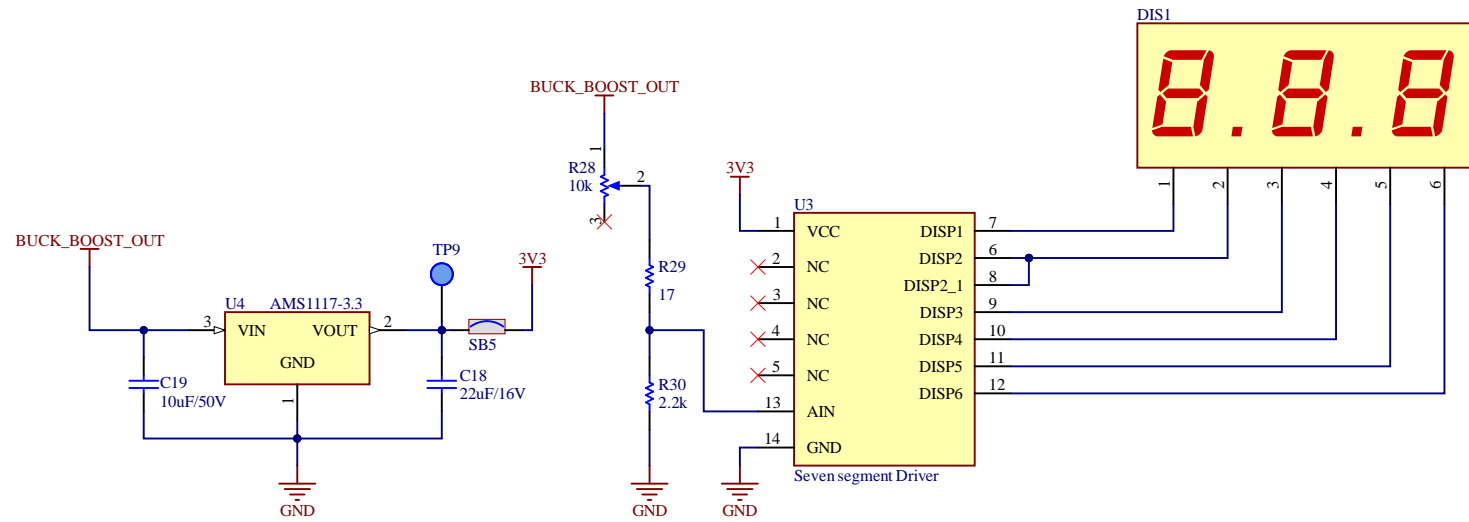
Sheet2 of 4

Sheet Name : 02.Power_path.SchDoc



Drawn By : Batch20_ENTC_UOM

3 Digit 0.28" Seven Segment Display



Title : **DC2DC_Buck_Boost_Converter**

Page : **Output voltage display**

Size: A4 Number:03 Revision:1.0

Date: 10/22/2024 Time: 3:00:35 PM Sheet3 of 4

Sheet Name : 03.Display.SchDoc



Drawn By : Batch20_ENTC_UOM

