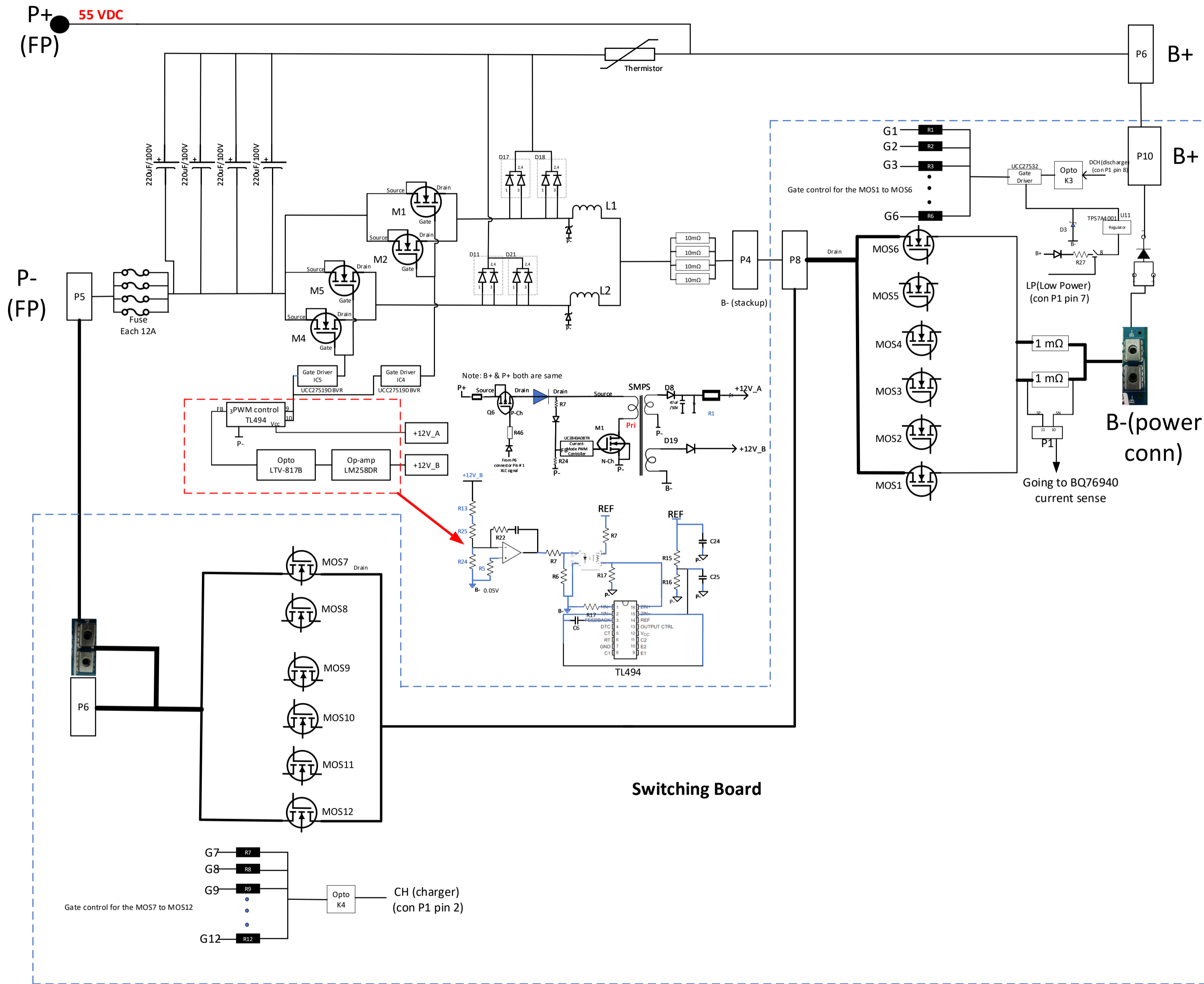


# BMS Charger and Switching board

## Charger Board



TI: I assume B+ and B- are your 48V output terminals. But your circuit shows TL494 feedback from +12V\_A, which is to use TL494 to regulate +12V\_A. But I cannot find how 48V (B+ and B-) is regulated from +12V\_A. Can you describe how 48V is regulated by TL494?

Eximius Ans: Yes your assumption is correct B+ and B- is Battery terminal, From our understanding +12V\_B is used for feedback control of the TL494 through optocoupler. We believe +12V\_B indirectly controlling the TL494 output mosfet (48V)

TI: U11 is go to current limit but I cannot find where U11 is connected to a current limit control circuit. Can you help indicate where U11 is connected and where is the current limit circuit?

Eximius Ans: U11 is not current limiter but it's a regulator which supply power to the Gate Driver. Apologies for the confusion.

Please confirm our understanding is correct ? whether this circuit will comply the CC/CV charging operation ?