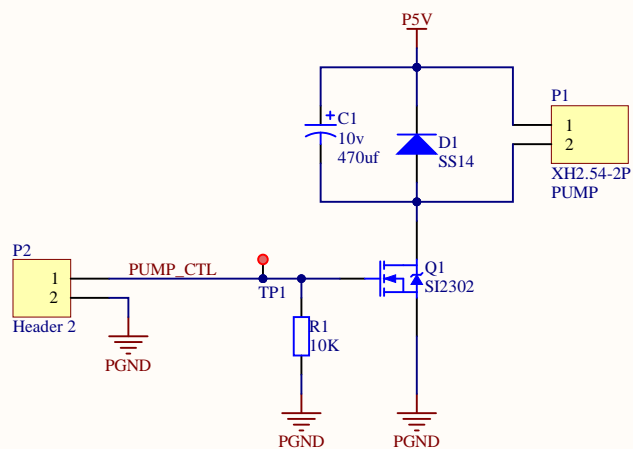
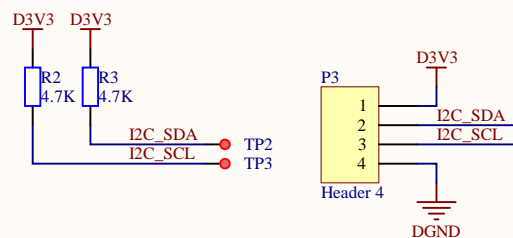
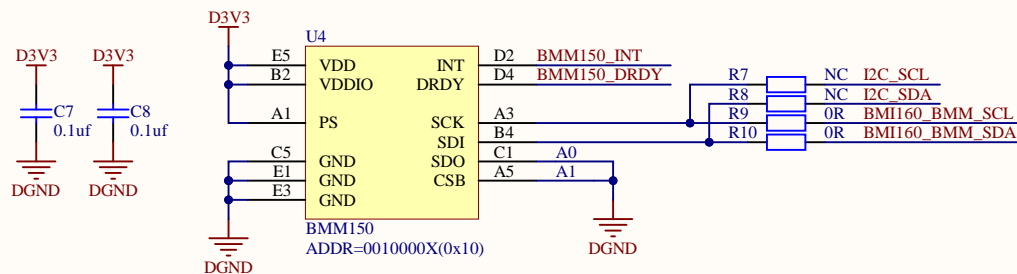
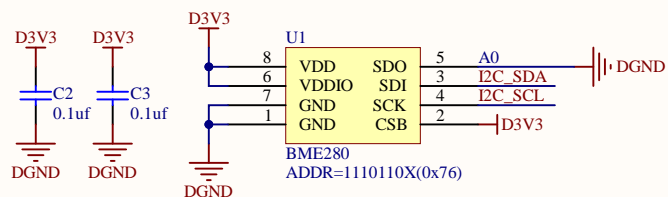
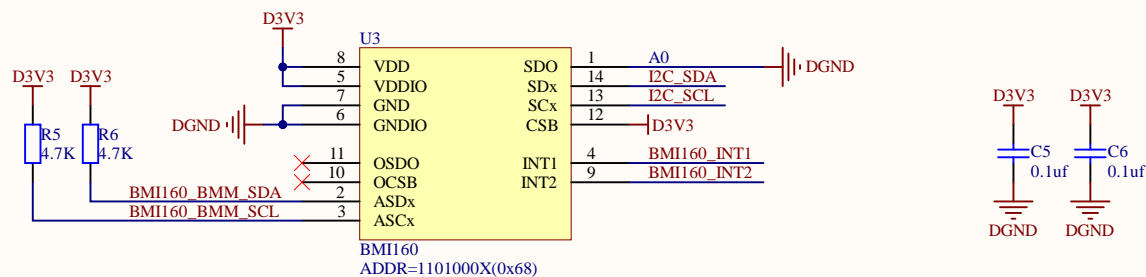
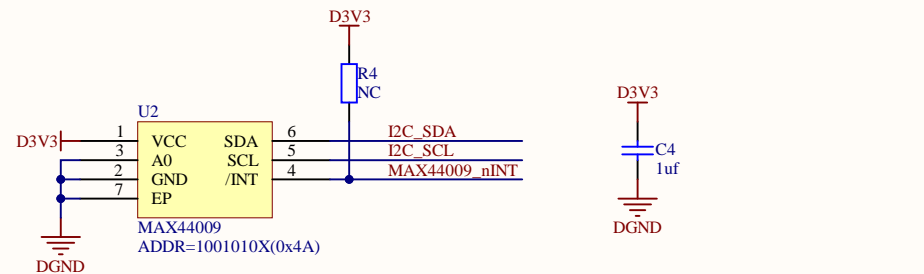


PUMP DRIVER



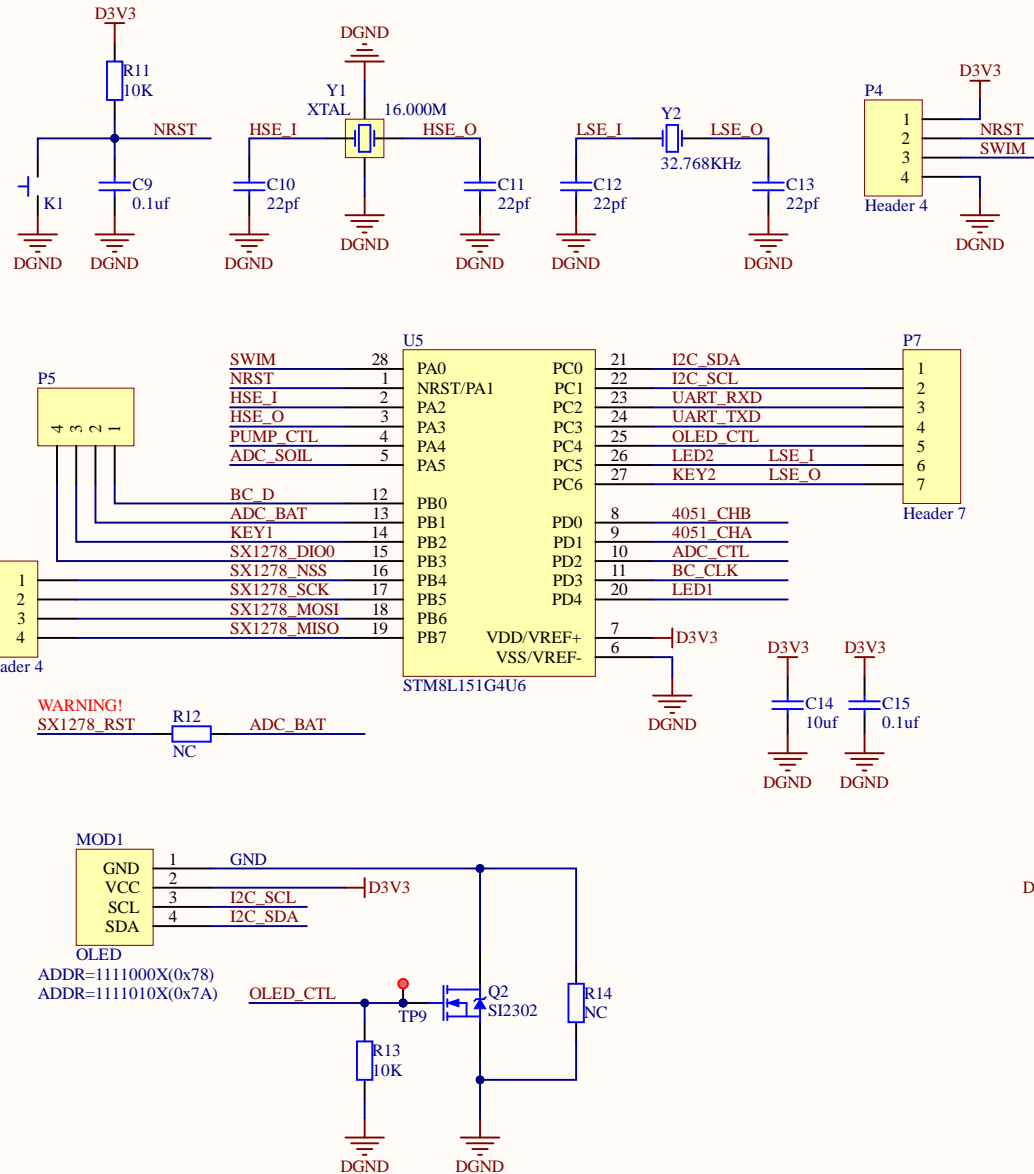
SENSORS



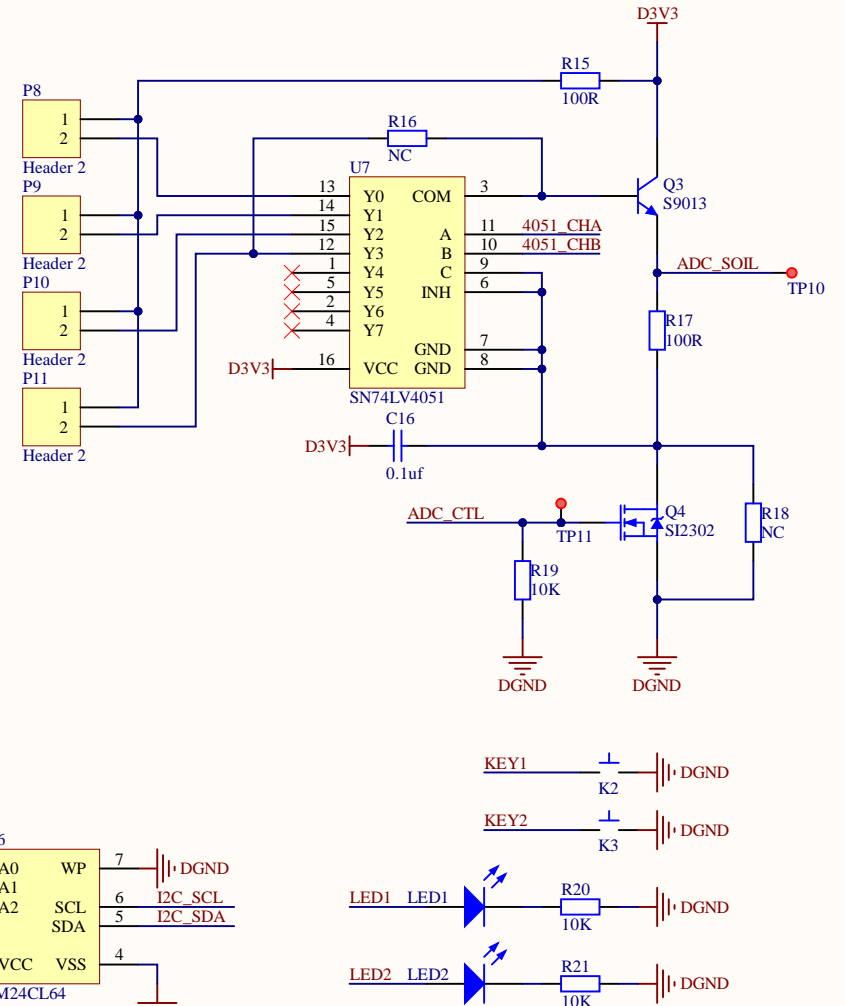
- TP4: MAX44009_nINT
- TP5: BMI160_INT1
- TP6: BMI160_INT2
- TP7: BMM150_INT
- TP8: BMM150_DRDY

Title		
Size	Number	Revision
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Date:	4/08/2020	Sheet of
File:	D:\EE\...\202011AWSNP01.SchDoc	Drawn By:

MICROCONTROLLER

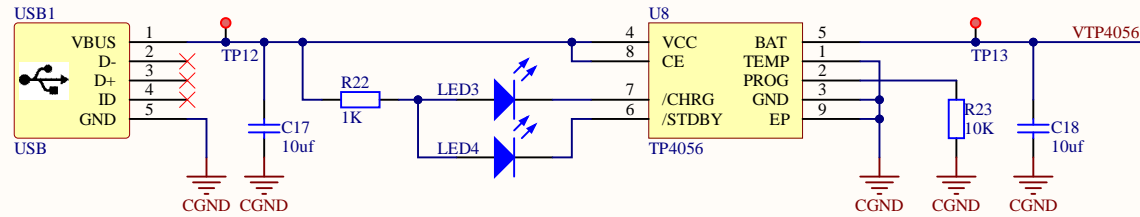


SOIL HUMIDITY DETECTION



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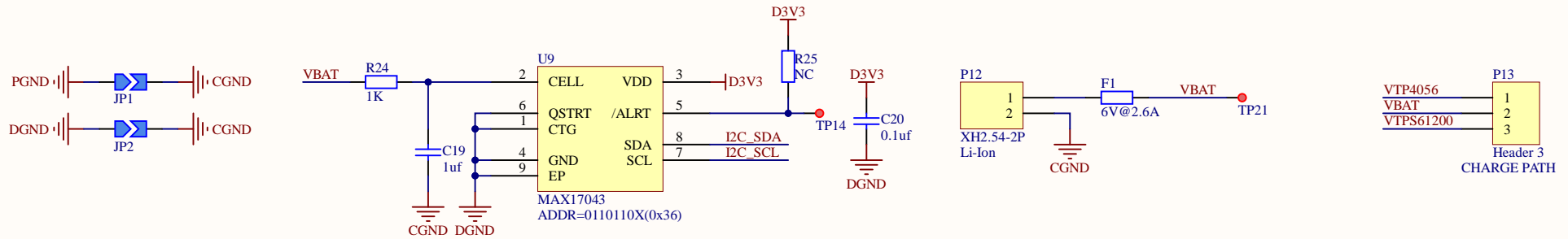
TP4056 CHARGE



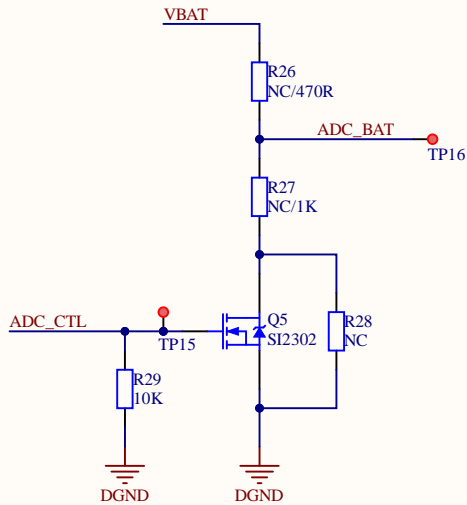
RPROG 与充电电流的关系确定可参考下表:

RPROG (k)	I _{BAT} (mA)
30	50
20	70
10	130
5	250
4	300
3	400
2	580
1.6	690
1.4	780
1.2	900
1.1	1000

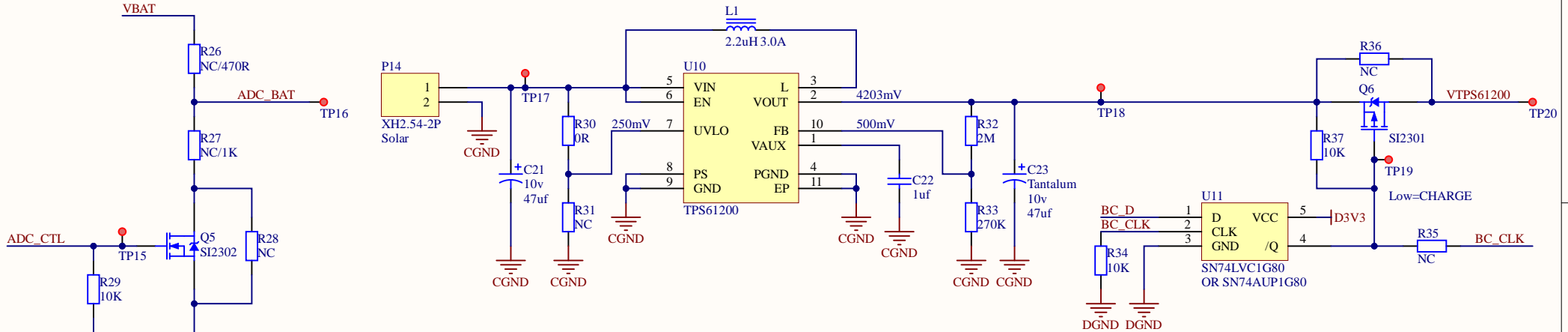
BATTERY STATUS



STATUS ONLY FOR BACKUP

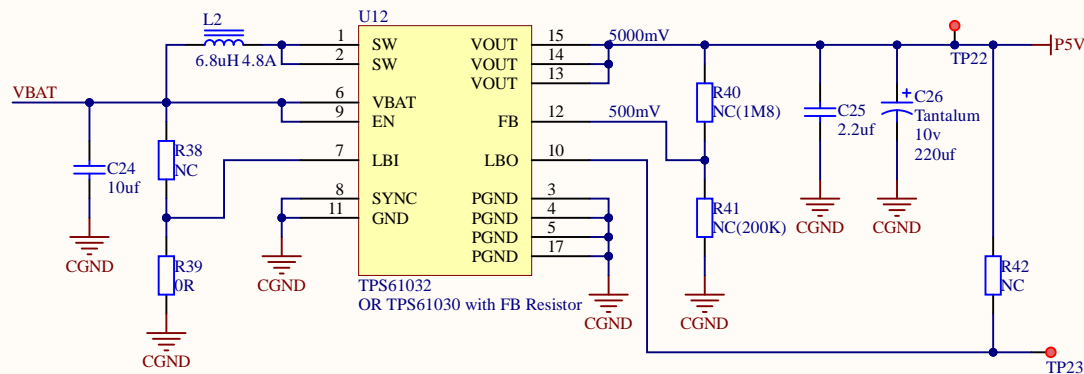


SOLAR CELL CHARGE RECOMMEND TO USE BQ25570

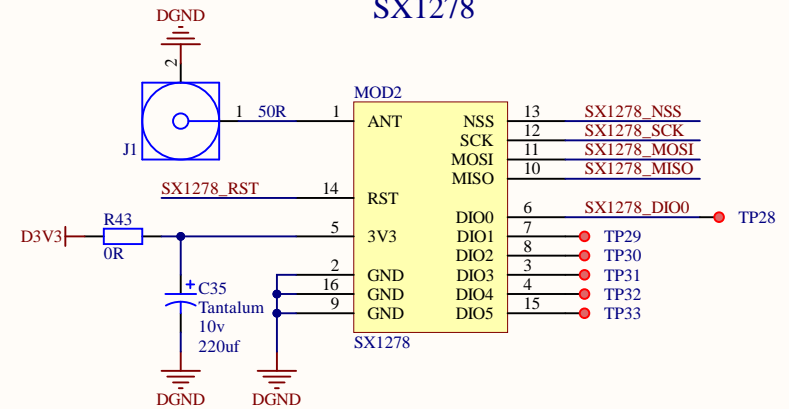


Title		
Size	Number	Revision
A4		
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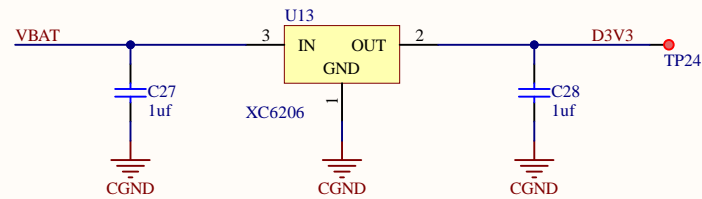
Li-Lon to 5V DC-DC



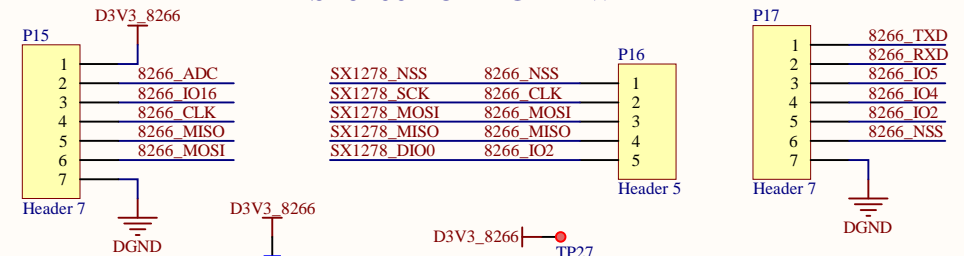
SX1278



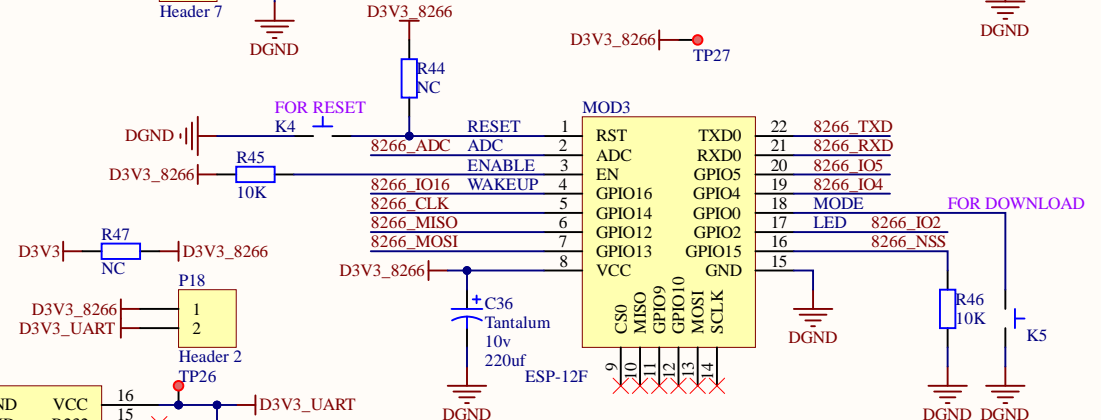
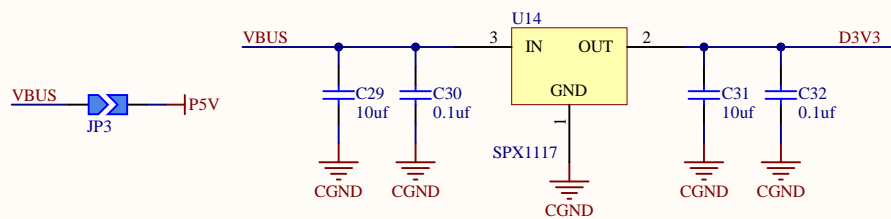
Li-Lon to 3V3 LDO



ESP8266 LORA GATEWAY



VBUS to 3V3 GATEWAY OR RUNNING WITHOUT BATTERY



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A4		
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