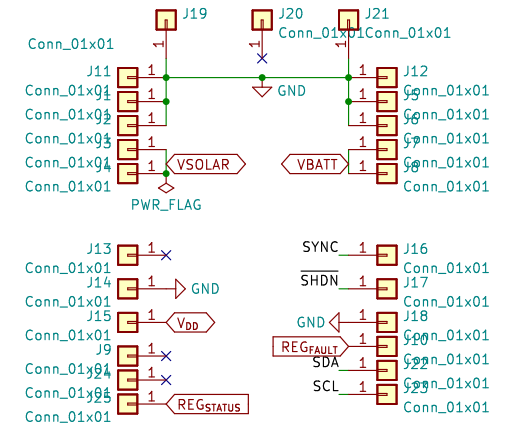
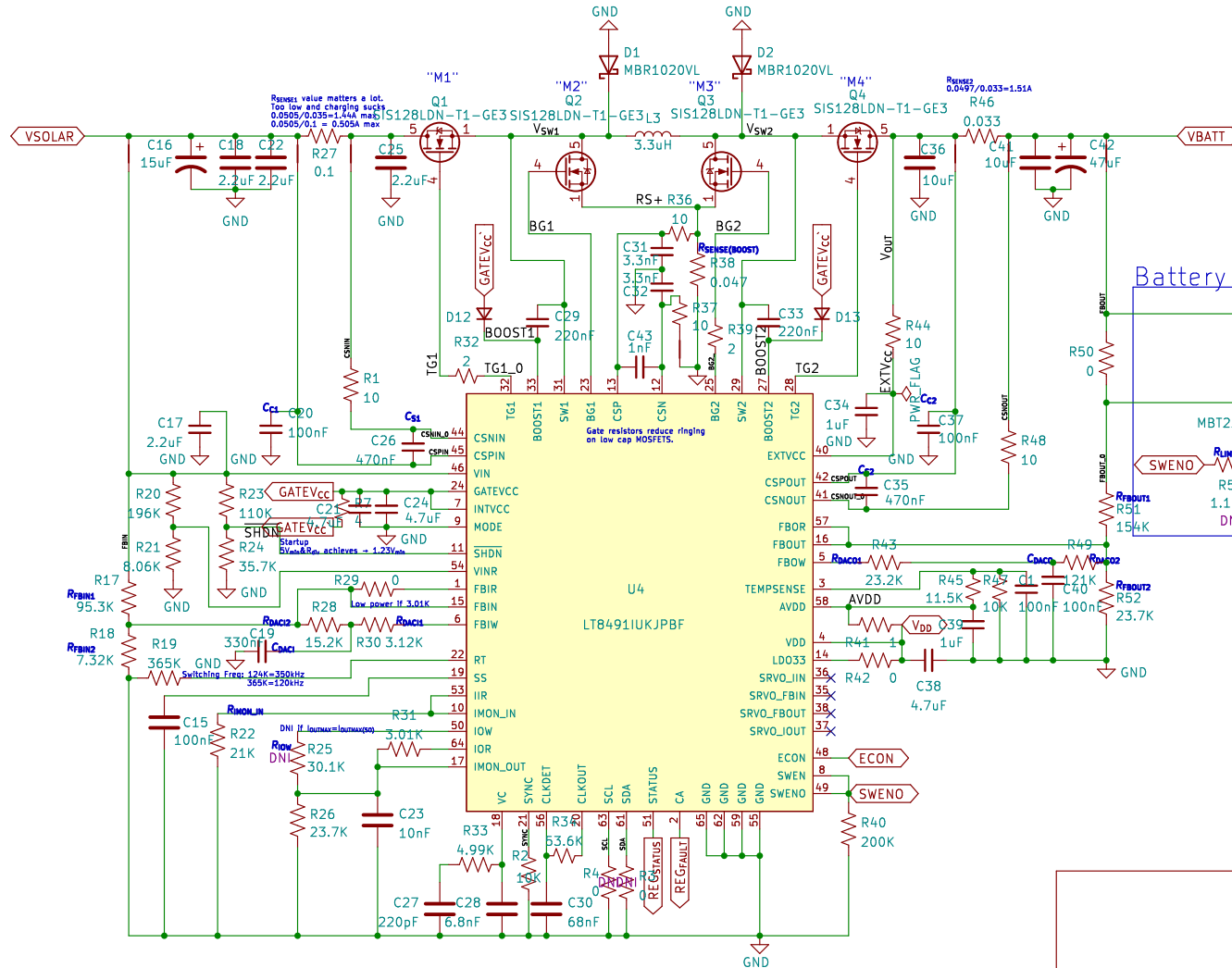


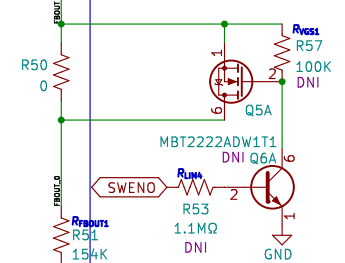
Suitable Caps  
AVX TCO - conductive polymer

Inductor Candidates:  
 INL7575GZER3R3M5A - 3.3uH 3.12mOhm, 28A, 6mm tall  
 SRP12955VA-3R3M - 3.3uH 6mOhm, 19A, 6mm  
 SRP12955VT-3R3M-D - 3.3uH, 4.9m, 25A, 6.5mm  
 PAA321-33M1T - 3.3uH, 10mOhm, 6A, 5.1mm  
 SRP1770C-3R3M - 3.3uH, 3.5mOhm, 32A - 7mm  
 XAL1010-332ME - 3.3uH, 3.7mOhm 27A10x11.5x10tall  
 SRP12955VT-3R3M-D - 3.3uH, 4.9mOhm 32A 13x12.5x8.5tall

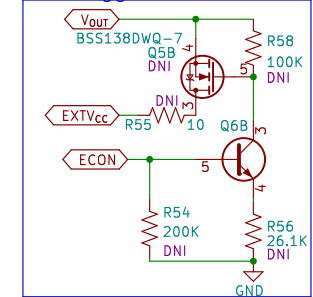
MOSFET Candidates  
 SIT1060N 20V 12.5A, Rds(on)=5.5 <- excellent SEE and TID  
 CSD16403Q5A 25V 28A, Rds(on)=2.9 <- decent SEE, no TID



### Battery Disconnect



### EXTVCc Disconnect



### I2C Address (LT8491 only)

	R5	R6
0x10	100K	-
0x19	71.5K	110K
0x20	187K	107K
0x29	-	100K

### LT8490 vs LT8491

There are only 3 pin differences b/t 8490 and 8491:  
 Pin 2: FAULT -> CA  
 Pin 61: CHARGECFG1 -> SDA  
 Pin 63: CHARGECFG2 -> SCL  
 Four possible I2C addresses via CA pin

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### Title: LT8491 - Mezzanine

Size: A4 Date: 2024-04-24

KiCad E.D.A. kicad 7.0.2-0

Rev: 1.0b

Id: 1/1