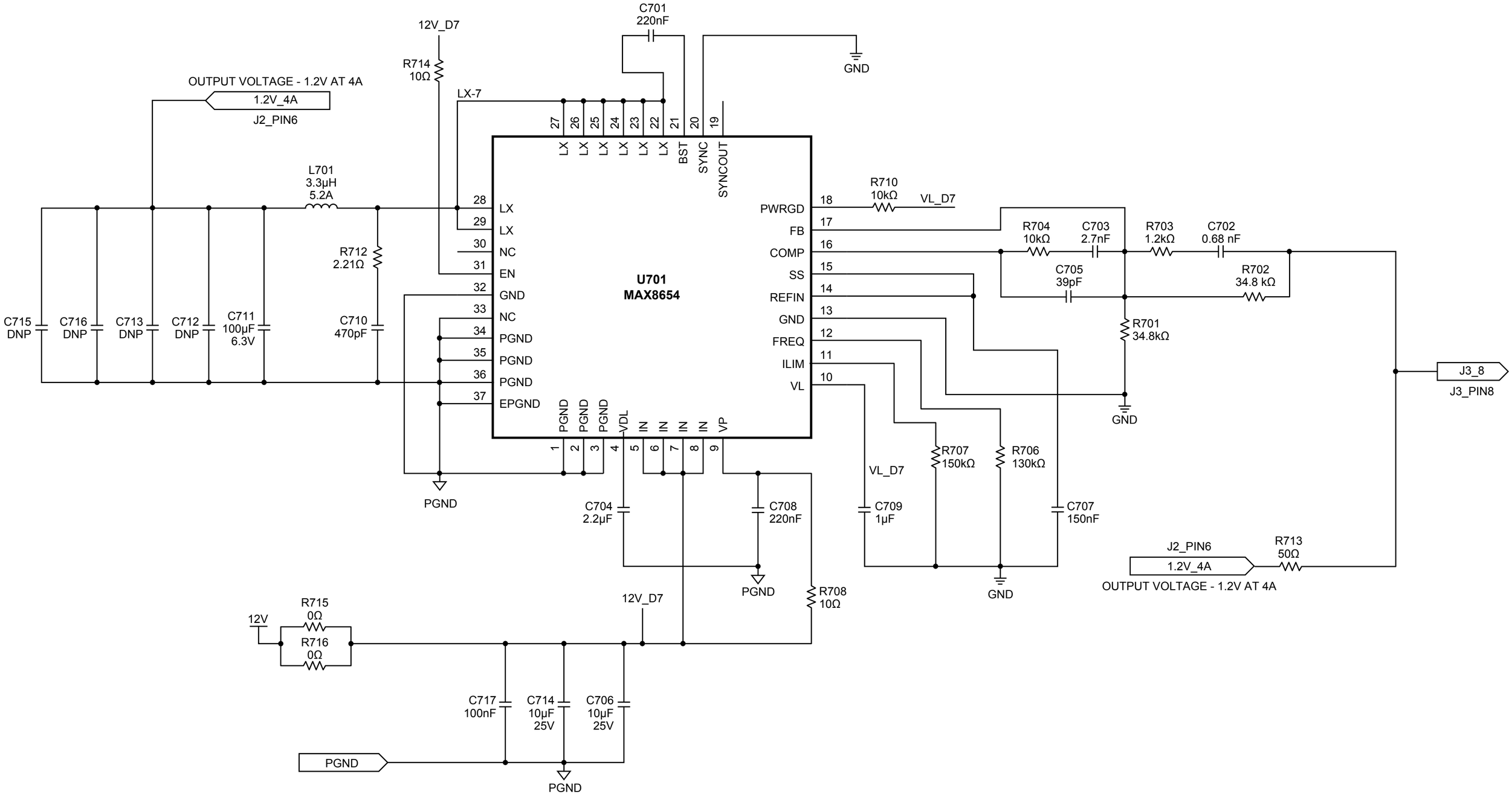
C701
220nF
12V_D7
R714
10Ω
GND
OUTPUT VOLTAGE - 1.2V AT 4A
1.2V_4A
J2_PIN6
LX-7
27 LX
26 LX
25 LX
24 LX
23 LX
22 LX
21 BST
20 SYNC
19 SYNCOUT
L701
3.3µH
5.2A
28 LX
29 LX
30 NC
31 EN
32 GND
33 NC
34 PGND
35 PGND
36 PGND
37 EPGND
U701
MAX8654
18 PWRGD
17 FB
16 COMP
15 SS
14 REFIN
13 GND
12 FREQ
11 ILIM
10 VL
1 PGND
2 PGND
3 PGND
4 VDL
5 IN
6 IN
7 IN
8 IN
9 VP
R710
10kΩ
VL_D7
R704
10kΩ
C703
2.7nF
R703
1.2kΩ
C702
0.68 nF
C705
39pF
R702
34.8 kΩ
R701
34.8kΩ
J3_8
J3_PIN8
R712
2.21Ω
C715
DNP
C716
DNP
C713
DNP
C712
DNP
C711
100µF
6.3V
C710
470pF
PGND
C704
2.2µF
C708
220nF
VL_D7
C709
1µF
R707
150kΩ
R706
130kΩ
C707
150nF
GND
J2_PIN6
1.2V_4A
R713
50Ω
OUTPUT VOLTAGE - 1.2V AT 4A
R708
10Ω
12V_D7
12V
R715
0Ω
R716
0Ω
C717
100nF
C714
10µF
25V
C706
10µF
25V
PGND
PGND