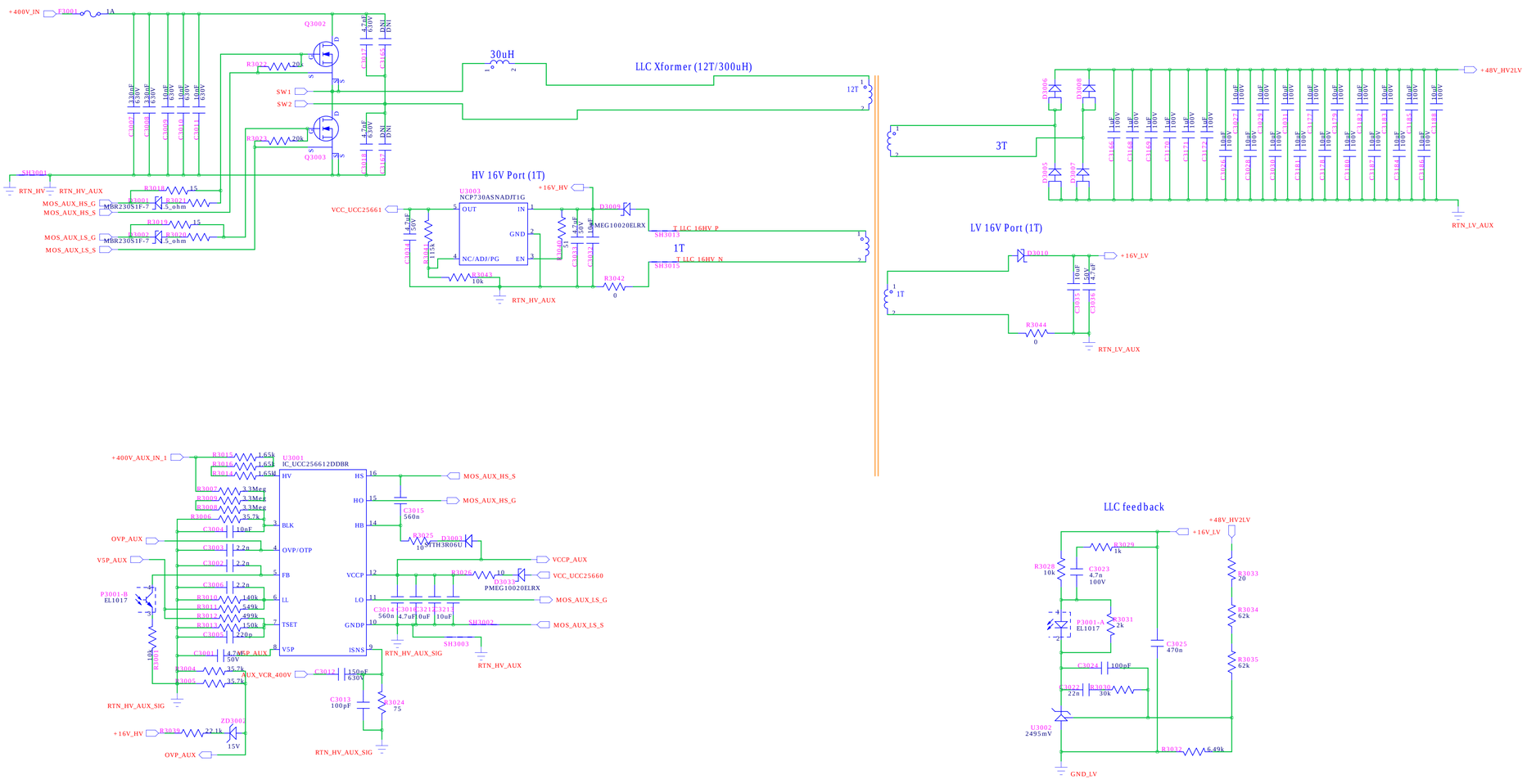
+400V_IN
F3001
1A
Q3002
Q3003
R3022
20k
R3023
20k
SW1
SW2
30uH
LLC Xformer (12T/300uH)
12T
3T
1T
+48V_HV2LV
RTN_LV_AUX
SH3001
RTN_HV
RTN_HV_AUX
MOS_AUX_HS_G
MOS_AUX_HS_S
MOS_AUX_LS_G
MOS_AUX_LS_S
R3018
R3019
15
MOS_AUX_LS_G
MOS_AUX_LS_S
HV 16V Port (1T)
U3003
NCP730ASNADJT1G
OUT
IN
GND
NC/ADJ/PG
EN
VCC_UCC25661
+16V_HV
D3008
MEG10020ELRX
T_LLC_16HV_P
T_LLC_16HV_N
SH3013
SH3015
R3042
0
R3043
10k
RTN_HV_AUX
LV 16V Port (1T)
D3010
+16V_LV
R3044
0
RTN_LV_AUX
+400V_AUX_IN_1
R3015
R3016
R3014
1.65M
U3001
IC_UCC256612DDBR
HV
BLK
OVP/OTP
FB
LL
TSET
VSP
HS
HO
HB
VCCP
LO
GNDP
ISNS
MOS_AUX_HS_S
MOS_AUX_HS_G
C3015
560n
R3025
10
D3001
MTH3R06U
VCCP_AUX
R3026
10
D3010
PMEG10020ELRX
VCC_UCC25660
MOS_AUX_LS_G
MOS_AUX_LS_S
C3014
560n
C3016
4.7uF
C3212
10uF
C3213
10uF
SH3002
SH3003
RTN_HV_AUX_SIG
RTN_HV_AUX
OVP_AUX
V5P_AUX
P3001-B
EL1017
R3002
R3009
R3008
3.3Meg
R3006
35.7k
C3004
10nF
C3003
2.2n
C3002
2.2n
C3006
2.2n
R3010
140k
R3011
549k
R3012
499k
R3013
150k
C3005
220p
C3001
4.7uF
50V
R3004
35.7k
R3005
35.7k
R3001
10k
AUX_VCR_400V
C3012
150pF
630V
C3013
100pF
R3024
75
RTN_HV_AUX_SIG
+16V_HV
R3039
22.1k
ZD3002
15V
OVP_AUX
LLC feedback
+48V_HV2LV
+16V_LV
R3029
1k
R3028
10k
C3023
4.7n
100V
P3001-A
EL1017
R3031
2k
C3025
470n
R3033
20
R3034
62k
R3035
62k
C3024
100pF
C3022
22n
R3030
30k
U3002
2495mV
R3032
6.49k
GND_LV