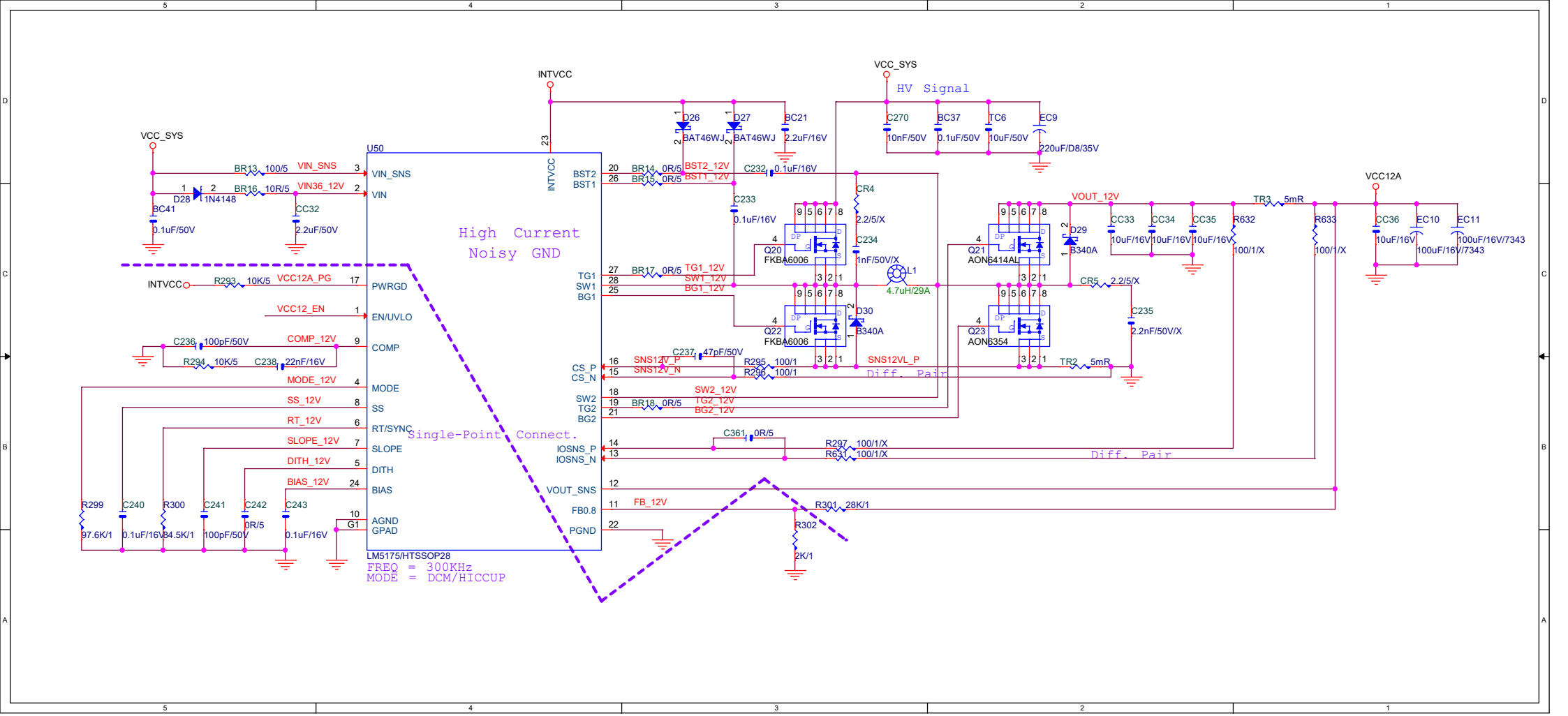
U50
LM5175/HTSSOP28
High Current
Noisy GND
Single-Point Connect.
FREQ = 300KHz
MODE = DCM/HICCUP
HV Signal
Diff. Pair
Diff. Pair
VCC_SYS
INTVCC
VCC12A
VIN_SNS
VIN
PWRGD
EN/UVLO
COMP
MODE
SS
RT/SYNC
SLOPE
DITH
BIAS
AGND
GPAD
BST2
BST1
TG1
SW1
BG1
CS_P
CS_N
SW2
TG2
BG2
IOSNS_P
IOSNS_N
VOUT_SNS
FB0.8
PGND
D26 BAT46WJ
D27 BAT46WJ
D28 1N4148
D29 B340A
D30 B340A
Q20 FKBA6006
Q21 AON6414AL
Q22 FKBA6006
Q23 AON6354
L1 4.7uH/29A
TR2 5mR
TR3 5mR
VOUT_12V
SNS12VL_P
SNS12V_P
SNS12V_N
SW2_12V
TG2_12V
BG2_12V
TG1_12V
SW1_12V
BG1_12V
BST2_12V
BST1_12V
FB_12V
VIN36_12V
VCC12A_PG
VCC12_EN
COMP_12V
MODE_12V
SS_12V
RT_12V
SLOPE_12V
DITH_12V
BIAS_12V