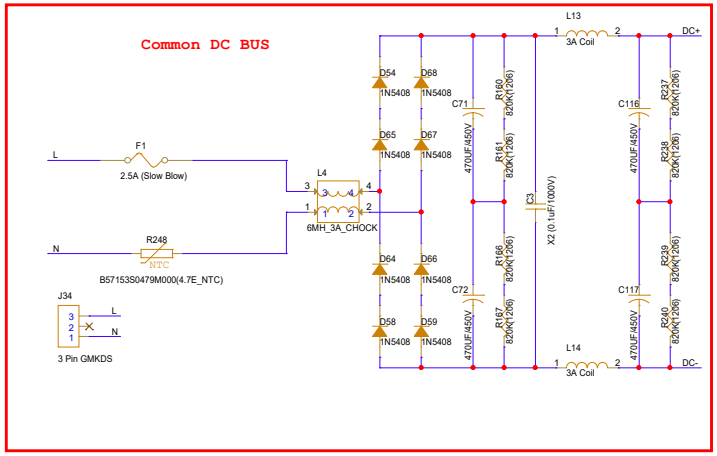
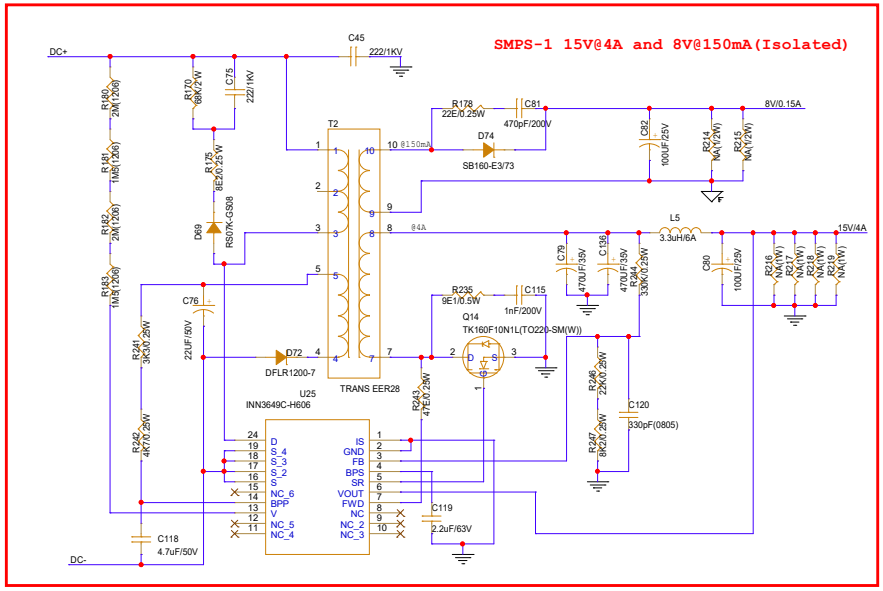
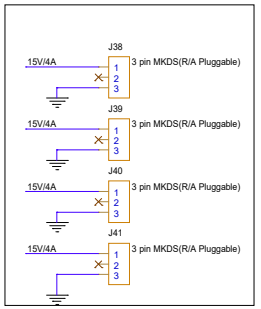
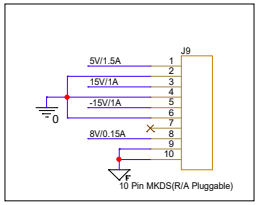
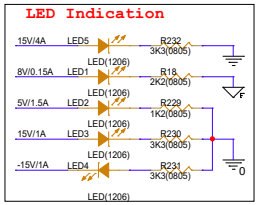
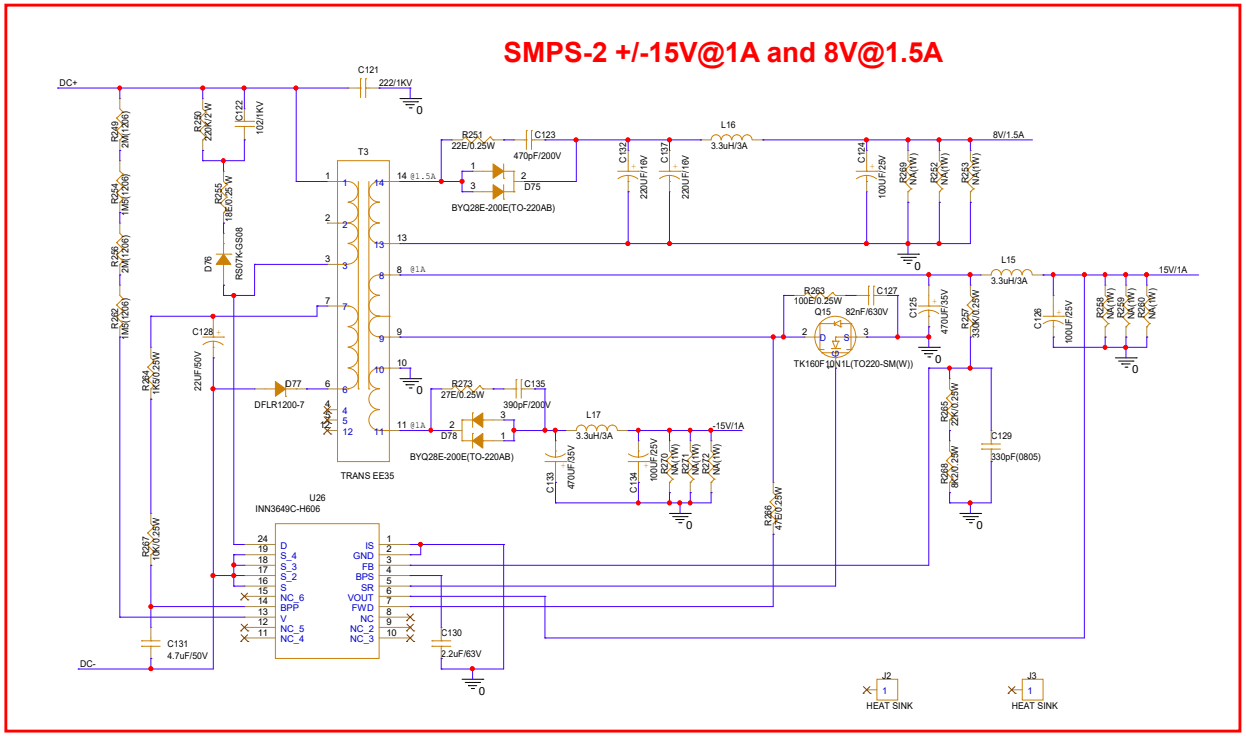

Common DC BUS
L13
3A Coil
DC+
F1
2.5A (Slow Blow)
L
N
L4
6MH_3A_CHOCK
R248
NTC
B57153S0479M000(4.7E_NTC)
J34
3 Pin GMKDS
D54 1N5408
D68 1N5408
D65 1N5408
D67 1N5408
D64 1N5408
D66 1N5408
D58 1N5408
D59 1N5408
C71
C72
470UF/450V
R160 820K(1206)
R161 820K(1206)
R166 820K(1206)
R167 820K(1206)
C3
X2 (0.1uF/1000V)
C116
C117
R237 820K(1206)
R238 820K(1206)
R239 820K(1206)
R240 820K(1206)
L14
3A Coil
DC-

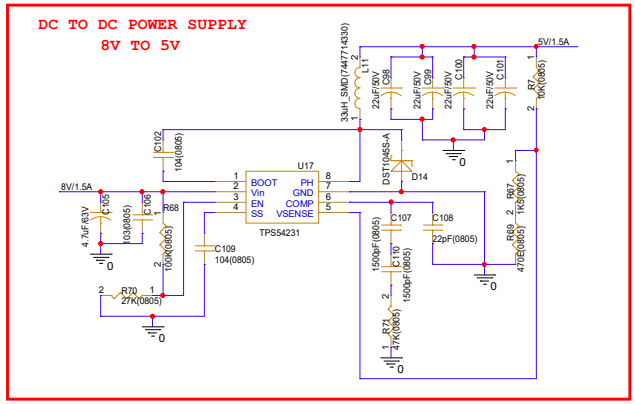

SMPS-1 15V@4A and 8V@150mA(Isolated)
DC+
C45
222/1KV
R180 2M(1206)
R181 1M(1206)
R182 2M(1206)
R183 1M(1206)
R170 68K/2W
C75 222/1KV
R175 8E2/0.25W
D69 RS07K-GS08
T2
TRANS EER28
10 @150mA
9
8 @4A
R178 22E/0.25W
C81 470pF/200V
D74 SB160-E3/73
8V/0.15A
C92 100UF/25V
R214 NA(1/2W)
R215 NA(1/2W)
L5 3.3uH/6A
15V/4A
C79 470UF/35V
C135 470UF/35V
R244 330K/0.25W
C80 100UF/25V
R216 NA(1W)
R217 NA(1W)
R218 NA(1W)
R219 NA(1W)
R235 9E1/0.5W
C115 1nF/200V
Q14
TK160F10N1L(TO220-SM(W))
R243 47E/0.25W
R246 22K/0.25W
R247 8K2/0.25W
C120 330pF(0805)
C76
22UF/50V
R241 3K3/0.25W
R242 4K7/0.25W
D72
DFLR1200-7
U25
INN3649C-H606
C118 4.7uF/50V
C119 2.2uF/63V
DC-


J38
15V/4A
3 pin MKDS(R/A Pluggable)
J39
15V/4A
3 pin MKDS(R/A Pluggable)
J40
15V/4A
3 pin MKDS(R/A Pluggable)
J41
15V/4A
3 pin MKDS(R/A Pluggable)


J9
5V/1.5A
15V/1A
-15V/1A
8V/0.15A
10 Pin MKDS(R/A Pluggable)


LED Indication
15V/4A LED5 R232 3K3(0805)
8V/0.15A LED1 R18 2K2(0805)
5V/1.5A LED2 R229 1K2(0805)
15V/1A LED3 R230 3K3(0805)
-15V/1A LED4 R231 3K3(0805)
LED(1206)


SMPS-2 +/-15V@1A and 8V@1.5A
DC+
C121
222/1KV
R249 2M(1206)
R250 220K/2W
C122 102/1KV
R254 1M(1206)
R255 13E0/0.25W
R256 2M(1206)
D76 RS07K-GS08
R262 1M(1206)
C128
22UF/50V
R264 1K0/0.25W
D77
DFLR1200-7
R267 10K/0.25W
C131 4.7uF/50V
DC-
T3
TRANS EE35
@1.5A
@1A
@1A
R251 22E/0.25W
C123 470pF/200V
D75
BYQ28E-200E(TO-220AB)
L16 3.3uH/3A
C132 220UF/16V
C137 220UF/16V
C124 100UF/25V
R269 NA(1W)
R252 NA(1W)
R253 NA(1W)
8V/1.5A
R263 100E/0.25W
C127 82nF/630V
Q15
TK160F10N1L(TO220-SM(W))
C125 470UF/35V
R257 330K/0.25W
L15 3.3uH/3A
15V/1A
C126 100UF/25V
R258 NA(1W)
R259 NA(1W)
R260 NA(1W)
R273 27E/0.25W
C135 390pF/200V
D78
BYQ28E-200E(TO-220AB)
L17 3.3uH/3A
-15V/1A
C133 470UF/35V
C134 100UF/25V
R270 NA(1W)
R271 NA(1W)
R272 NA(1W)
R265 22K/0.25W
C129 330pF(0805)
R268 8K2/0.25W
R266 47E/0.25W
U26
INN3649C-H606
C130 2.2uF/63V
J2
HEAT SINK
J3
HEAT SINK


DC TO DC POWER SUPPLY
8V TO 5V
33uH_SMD(744771433)
C98 22uF/50V
C99 22uF/50V
C100 22uF/50V
C101 22uF/50V
5V/1.5A
R7 1K0(0805)
C102 104(0805)
8V/1.5A
U17
TPS54231
BOOT
PH
Vin
GND
EN
COMP
SS
VSENSE
D14
DST1045S-A
C105 4.7uF/63V
C106 103(0805)
R68 100K(0805)
C109 104(0805)
R70 27K(0805)
C107 1500pF(0805)
C108 22pF(0805)
C110 1500pF(0805)
R71 47K(0805)
R67 1K3(0805)
R69 470E(0805)

MH1
MOUNTING HOLE
MH3
MOUNTING HOLE
MH2
MOUNTING HOLE
MH4
MOUNTING HOLE