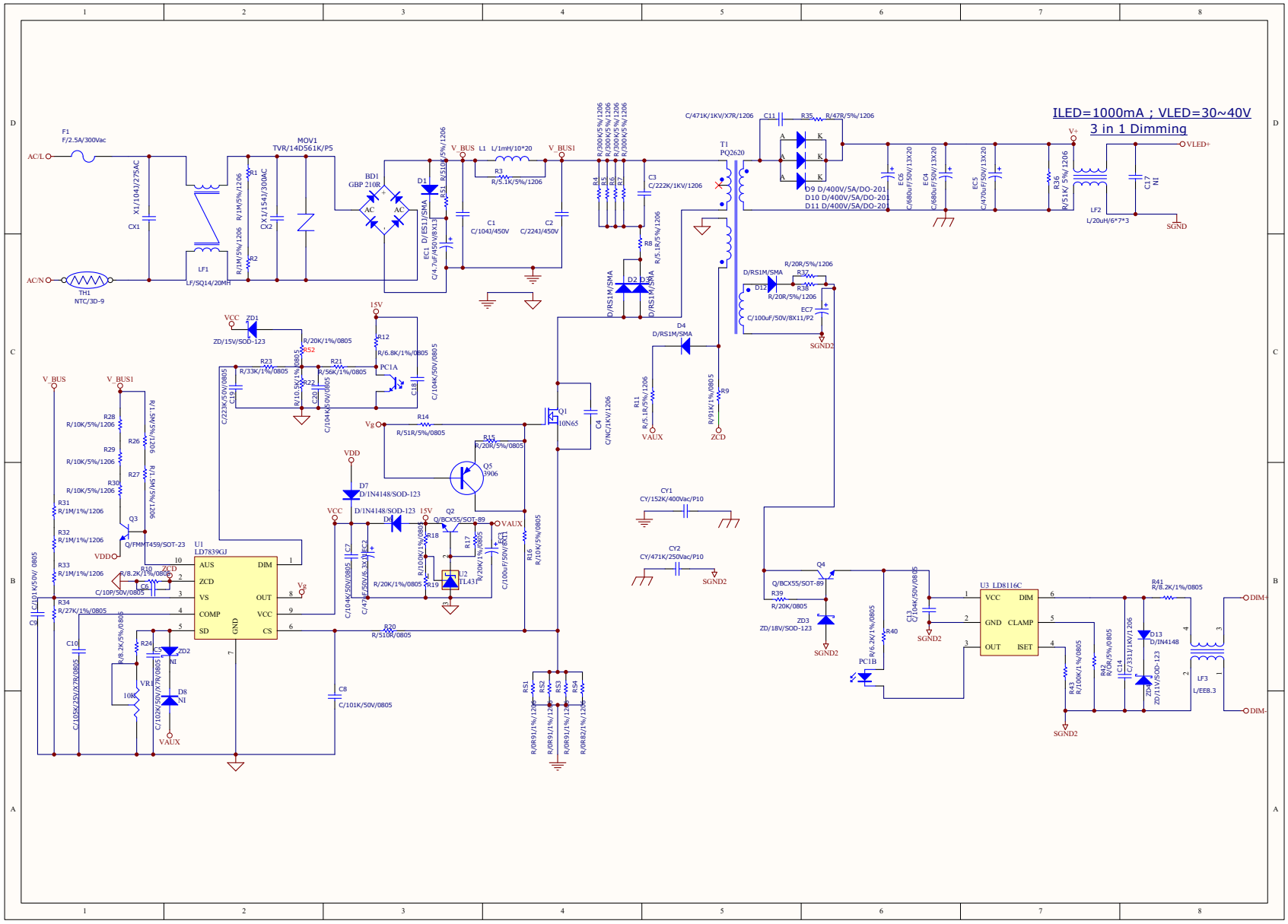
ILED=1000mA ; VLED=30~40V
3 in 1 Dimming
AC/L
AC/N
F1
F/2.5A/300Vac
MOV1
TVR/14D561K/P5
BD1
GBP 210R
D1
EC1
D/ES1J/SMA
C/4.7uF/450V/8X13
V_BUS
V_BUS1
L1
L/1mH/10*20
R3
R/5.1K/5%/1206
C1
C/104J/450V
C2
C/224J/450V
C3
C/222K/1KV/1206
T1
PQ2620
C/471K/1KV/X7R/1206
C11
R35
R/47R/5%/1206
D9 D/400V/5A/DO-201
D10 D/400V/5A/DO-201
D11 D/400V/5A/DO-201
EC6
C/680uF/50V/13X20
EC4
C/680uF/50V/13X20
EC5
C/470uF/50V/13X20
R36
R/51K/5%/1206
LF2
L/20uH/6*7*3
C17
NI
V+
VLED+
SGND
LF1
LF/SQ14/20MH
TH1
NTC/3D-9
D/RS1M/SMA
D2
D3
D4
D/RS1M/SMA
D12
R/20R/5%/1206
R37
R38
R/20R/5%/1206
EC7
C/100uF/50V/8X11/P2
SGND2
VCC
ZD1
ZD/15V/SOD-123
R/20K/1%/0805
R52
R12
R/6.8K/1%/0805
PC1A
R23
R/33K/1%/0805
R21
R/56K/1%/0805
C18
C/104K/50V/0805
C19
C/223K/50V/0805
C20
C/104K/50V/0805
Vg
R14
R/51R/5%/0805
Q1
10N65
C4
C/NC/1KV/1206
R11
R/5.1R/5%/1206
VAUX
R9
R/91K/1%/0805
ZCD
R15
R/20R/5%/0805
Q5
3906
VDD
D7
D/1N4148/SOD-123
D6
D/1N4148/SOD-123
Q2
Q/BCX55/SOT-89
VAUX
R18
R17
R/20K/1%/0805
R19
U2
TL431
C7
C/104K/50V/0805
C/100uF/50V/8X11
R16
R/10K/5%/0805
CY1
CY/152K/400Vac/P10
CY2
CY/471K/250Vac/P10
SGND2
Q4
Q/BCX55/SOT-89
R39
R/20K/0805
ZD3
ZD/18V/SOD-123
SGND2
R40
R/6.2K/1%/0805
PC1B
C13
C/104K/50V/0805
SGND2
U3 LD8116C
VCC
DIM
GND
CLAMP
OUT
ISET
R41
R/8.2K/1%/0805
D13
D/IN4148
R43
R/100K/1%/0805
R42
R/0R/5%/0805
C14
C/331J/1KV/1206
ZD4
ZD/11V/SOD-123
LF3
L/EE8.3
DIM+
DIM-
SGND2
V_BUS
V_BUS1
R28
R/10K/5%/1206
R26
R/1.5M/5%/1206
R29
R/10K/5%/1206
R27
R/1.5M/5%/1206
R30
R/10K/5%/1206
R31
R/1M/1%/1206
R32
R/1M/1%/1206
Q3
Q/FMMT459/SOT-23
VDD
R33
R/1M/1%/1206
R10
R/8.2K/1%/0805
ZCD
C6
C/10P/50V/0805
R34
R/27K/1%/0805
C9
C/101K/50V/0805
U1
LD7839GJ
AUS
ZCD
VS
COMP
SD
GND
DIM
OUT
VCC
CS
C10
C/105K/25V/X7R/0805
R/8.2K/5%/0805
R24
C5
NI
ZD2
VR1
10K
D8
NI
VAUX
C8
C/101K/50V/0805
R20
R/510R/0805
RS1
R/0R91/1%/1206
RS2
R/0R91/1%/1206
RS3
R/0R91/1%/1206
RS4
R/0R82/1%/1206