VCC

C8 (CT_RAMP)=(2.8*10^-5)/F_Lamp

F_Lamp = 燈管頻率(變壓器二次測諧振頻率)

VCC

C13
1uF/25V
C0805

D1
600V

HVDD

CLP

C2
1uF/25V

R3
10R

Q2
4N60

R10
10K
R0603S

C3
104/630V

O/P1
PLUG

U1

1 ISEN   CLAMP 16
2 CAP   PWMDC 15
3 INN   CT_PWM 14
4 CMP   PWM_OUT 13
5 RT_OSC   GND 12
6 CT_RAMP   VBDD 11
7 VCC   HO 10
8 LO   VBSS 9

L165

C4
104
C0603S

T1
300Ts

3300Ts

8

R4
68k

C5
10nF
C0603S

R5
10R

Q4
4N60

30Ts
D2
1SS355

O/P2
PLUG

C6
22pF/3KV

C7
22pF/3KV

R6
15K

C8
560pF

CAP

VDD

R7
47R
R2010

D11
NC

TF

CAP

起始頻率電阻計算 (RT_OSC PIN):
Freq.=(1.532*10^9)/R6

D6
1N4148

C19
1uF/25V

OLP

R11
33K
R0603S

AC1

F1

R12
100K
R0603S

D7
1SS355
SOD-323

C11
10nf
C0603S

R16
5K1
R0603S

L

AF2-1.00V125TM

CLP

HVDD

VDD

VCC

AC2

N

D4

BR86D

R17
200K
2W

R15
820K
R1206

C14
10uF/400V

VDD

R13
10R
R0805

C12
10uF
C1206

C16
104
C0603s

C1
2.2uF
C0805

ZD1
15V

Title
L165 Bulb dual HV

Size
B

Document Number
CIT 雙高壓 / 無電流反饋

Rev
1.0

Date: Friday, December 09, 2011   Sheet   1   of   4