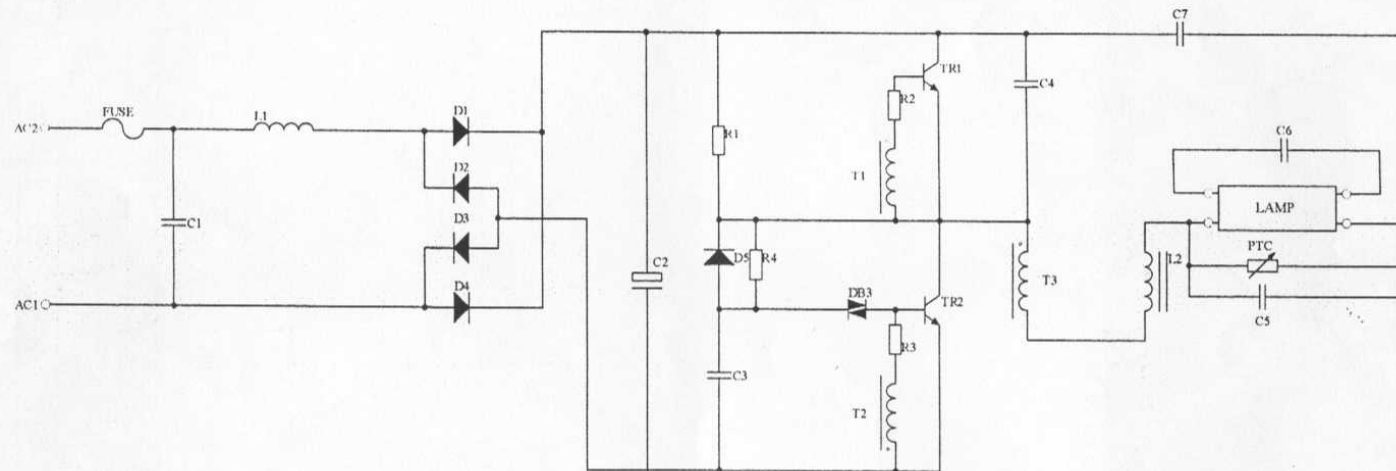


Schematics

R30 T3S 15W,Globe T3S 15W,A-Type T3S 15W,Tubular T3S 15W



Schematic Diagram

Title			0451		
Size	Number				Revision
A4	01				
Date:	2004-8-14			Sheet of	JOINLUCK
File:	CAPProgram Files\0451A.SCHDOC			Drawn By:	

APPENDIX

FORM OF COMPONENTS

COMPONENT LIST FOR R30 T3S 15W, Globe T3S 15W, A-Type T3S 15W, Tubular T3S 15W

CODE	MATERIAL NAME	SPECIFICATION	QUANTITY
TR1 、TR2	TRANSISTOR	$I_c \geq 1.5A$ $V_{ceo} \geq 200V$ $P_{cm} \geq 20W$ $T_j = 150^\circ C$	2
D1 ~ D5	DIODE	$PRV = 1000V$ $I_o = 1.0A$	5
DB3	TRIGGER DIODE	$V_{bo} = 28V \sim 36V$ $I_{trm} = 2A$ $T_j = -40^\circ C \sim +100^\circ C$	1
R1 、R4	RESISTOR	$330K\Omega$, $1/4W$	2
R2 、R3	RESISTOR	10Ω , $1/4W$	2
PTC	THERMISTOR	$MAX. VOLTAGE \geq 600V$ $SWITH TEMP. = 75^\circ C$	1
C1 、C7	CAPACITOR	$100nF$, $250V$	2
C2	ELECTROLYTIC CAPACITOR	$15 \mu F$, $200V$ $105^\circ C$	1
C3	CAPACITOR	$22nF$, $100V$	1
C4	CAPACITOR	$2.2nF$, $1000V$	1
C5	CAPACITOR	$3.3nF$, $1000V$	1
C6	CAPACITOR	$4.7nF$, $1000V$	1
L1	INDUCTOR	$\Phi 6 \times 8$ NO. OF TURNS=240T, $1.4mH \sim 1.6mH$	1
L2	INDUCTOR	EE16 NO. OF TURNS=206T, $1.95mH \sim 2.10mH$	1
T1 、T2 、T3	MAGNETIC RING	$\Phi 9 \times 5 \times 3$	1
S	SOCKET	E26 BRASS PLATED WITH NICKEL	1
T	GLASS TUBE	15W	1
C	GLASS COVER		1
W1	ENAMELLED COPPER WIRES FOR L1	$\Phi 0.15mm$ $130^\circ C$	1
W2	ENAMELLED COPPER WIRES FOR MAGNETIC RING	$\Phi 0.27mm$ $130^\circ C$	1
W3	ENAMELLED COPPER WIRES FOR L2	$\Phi 0.27mm$ $130^\circ C$	1
W4	LEAD WIRE	AWG 24 $105^\circ C$ 600V	1

FUSE	FUSE	125V 1A	1
B2	MAGNETIC RING BASE (OPTIONAL)		1
I	INSULATION TUBING		9
JL-0451	PCB		1
P	PLASTIC ENCLOSURE		1