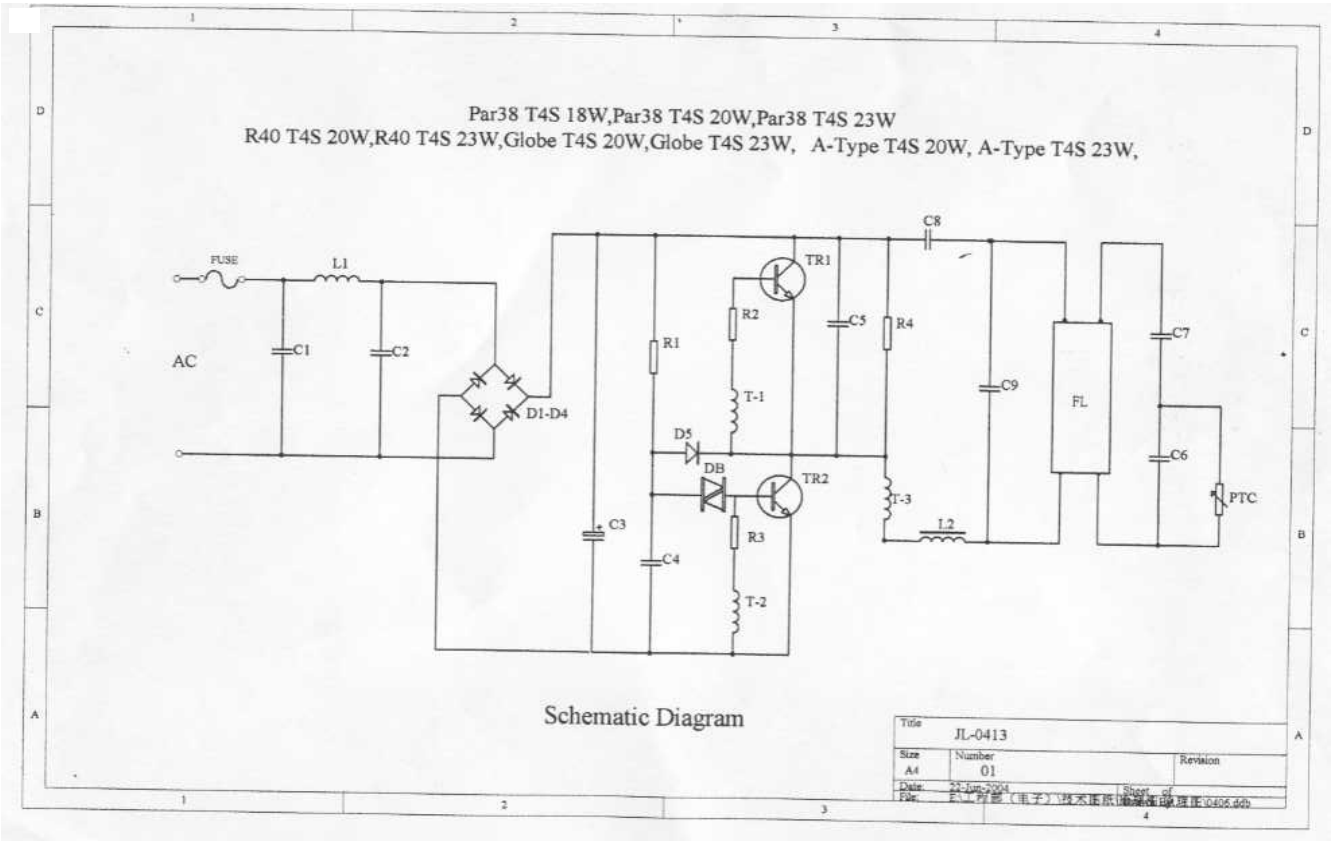


Schematics



APPENDIX

FORM OF COMPONENTS

CODE	MATERIAL NAME	SPECIFICATION	QUANTITY		
			Par38 T4S 18W	Par38 T4S 20W	Par38 T4S 23W
TR1	TRANSISTOR	$I_c \geq 3.0A$ $V_{ceo} \geq 200V$ $P_{cm} \geq 40W$ $T_j = 150^\circ C$	2	2	0
TR2	TRANSISTOR	$I_c \geq 5.0A$ $V_{ceo} \geq 200V$ $P_{cm} \geq 75W$ $T_j = 150^\circ C$	0	0	2
D1~D5	DIODE	$PRV = 1000V$ $I_o = 1.0A$	5	5	5
DB	TRIGGER DIODE	$V_{bo} = 28V \sim 36V$ $I_{trm} = 2A$ $T_j = -40^\circ C \sim +100^\circ C$	1	1	1
R1、R4	RESISTOR	$330K\Omega$, 1/4W	2	2	2
R2、R3	RESISTOR	10Ω , 1/4W	2	2	2
PTC	THERMISTOR	MAX. VOLTAGE $\geq 600V$,SWITH TEMP.= $75^\circ C$	1	1	1
C1、C2、C8	CAPACITOR	$47nF$, 400V	3	3	3
C3	ELECTROLYTIC CAPACITOR	$15\mu F$, 200V $105^\circ C$	1	0	0
	ELECTROLYTIC CAPACITOR	$22\mu F$, 200V $105^\circ C$	0	1	1
C4	CAPACITOR	$22nF$, 100V	1	1	1
C5	CAPACITOR	$1.5nF$, 1KV	1	1	1
C6	CAPACITOR	$4.7nF$, 630V	1	1	1
C7	CAPACITOR	$8.2nF$, 630V	1	1	1
C9	CAPACITOR	$4.7nF$, 1KV	1	1	1
L1	INDUCTOR	$\Phi 8 \times 10$ NO. OF TURNS=215T	1	1	1
L2	INDUCTOR	EE19 NO. OF TURNS=158T	1	1	1
T-1、T-2、T-3	MAGNETIC RING	$\Phi 8 \times 4 \times 2$	1	1	1
S	SOCKET	E26 BRASS PLATED WITH NICKEL	1	1	1
T	GLASS TUBE	18W	1	0	0
	GLASS TUBE	20W	0	1	0
	GLASS TUBE	23W	0	0	1
W1	ENAMELLED COPPER WIRES FOR L1	$\Phi 0.21mm$ $130^\circ C$	1	1	1
W2	ENAMELLED COPPER WIRES FOR L2	$\Phi 0.14 \times 5mm$ $130^\circ C$	1	1	1
W3	ENAMELLED COPPER WIRES FOR MAGNETIC RING	$\Phi 0.27mm$ $130^\circ C$	1	1	1

CODE	MATERIAL NAME	SPECIFICATION	QUANTITY		
			Par38 T4S 18W	Par38 T4S 20W	Par38 T4S 23W
FUSE	FUSE	FAP 125V, 1A	1	1	1
B2	MAGNETIC RING	BASE (OPTIONAL)	1	1	1
I	INSULATION TUBING		7	7	7
JL-0413	PCB		1	1	1
P	PLASTIC ENCLOSURE		1	1	1

CODE	MATERIAL NAME	SPECIFICATION	QUANTITY	
			R40 T4S 20W, Globe T4S 20W, A-Type T4S 20W	R40 T4S 23W, Globe T4S 23W, A-Type T4S 23W
TR1	TRANSISTOR	$I_c \geq 3.0A$ $V_{ceo} \geq 200V$ $P_{cm} \geq 40W$ $T_j = 150^\circ C$	2	0
TR2	TRANSISTOR	$I_c \geq 5.0A$ $V_{ceo} \geq 200V$ $P_{cm} \geq 75W$ $T_j = 150^\circ C$	0	2
D1 ~ D5	DIODE	$PRV = 1000V$ $I_o = 1.0A$	5	5
DB	TRIGGER DIODE	$V_{bo} = 28V \sim 36V$ $I_{trm} = 2A$ $T_j = -40^\circ C \sim +100^\circ C$	1	1
R1 、 R4	RESISTOR	$330K\Omega$, 1/4W	2	2
R2 、 R3	RESISTOR	10Ω , 1/4W	2	2
PTC	THERMISTOR	MAX. VOLTAGE $\geq 600V$,SWITH TEMP.= $75^\circ C$	1	1
C1 、 C2 、 C8	CAPACITOR	$47nF$, 400V	3	3
C3	ELECTROLYTIC CAPACITOR	$22\mu F$, 200V $105^\circ C$	1	1
C4	CAPACITOR	$22nF$, 100V	1	1
C5	CAPACITOR	$1.5nF$, 1KV	1	1
C6	CAPACITOR	$4.7nF$, 630V	1	1
C7	CAPACITOR	$8.2nF$, 630V	1	1
C9	CAPACITOR	$4.7nF$, 1KV	1	1
L1	INDUCTOR	$\Phi 8 \times 10$ NO. OF TURNS=215T	1	1
L2	INDUCTOR	EE19 NO. OF TURNS=158T	1	1
T-1 、 T-2 、 T-3	MAGNETIC RING	$\Phi 8 \times 4 \times 2$	1	1
S	SOCKET	E26 BRASS PLATED WITH NICKEL	1	1
T	GLASS TUBE	20W	1	0
	GLASS TUBE	23W	0	1
W1	ENAMELLED COPPER WIRES FOR L1	$\Phi 0.21mm$ $130^\circ C$	1	1
W2	ENAMELLED COPPER WIRES FOR L2	$\Phi 0.14 \times 5mm$ $130^\circ C$	1	1
W3	ENAMELLED COPPER WIRES FOR MAGNETIC RING	$\Phi 0.27mm$ $130^\circ C$	1	1
W4	LEAD WIRE	AWG 24 $105^\circ C$	1	1

CODE	MATERIAL NAME	SPECIFICATION	QUANTITY	
			R40 T4S 20W, Globe T4S 20W, A-Type T4S 20W	R40 T4S 23W, Globe T4S 23W, A-Type T4S 23W
FUSE	FUSE	FAP 125V, 1A E56092(M)	1	1
B2	MAGNETIC RING	BASE (OPTIONAL)	1	1
I	INSULATION TUBING		7	7
JL-0413	PCB		1	1
P	PLASTIC ENCLOSURE		1	1