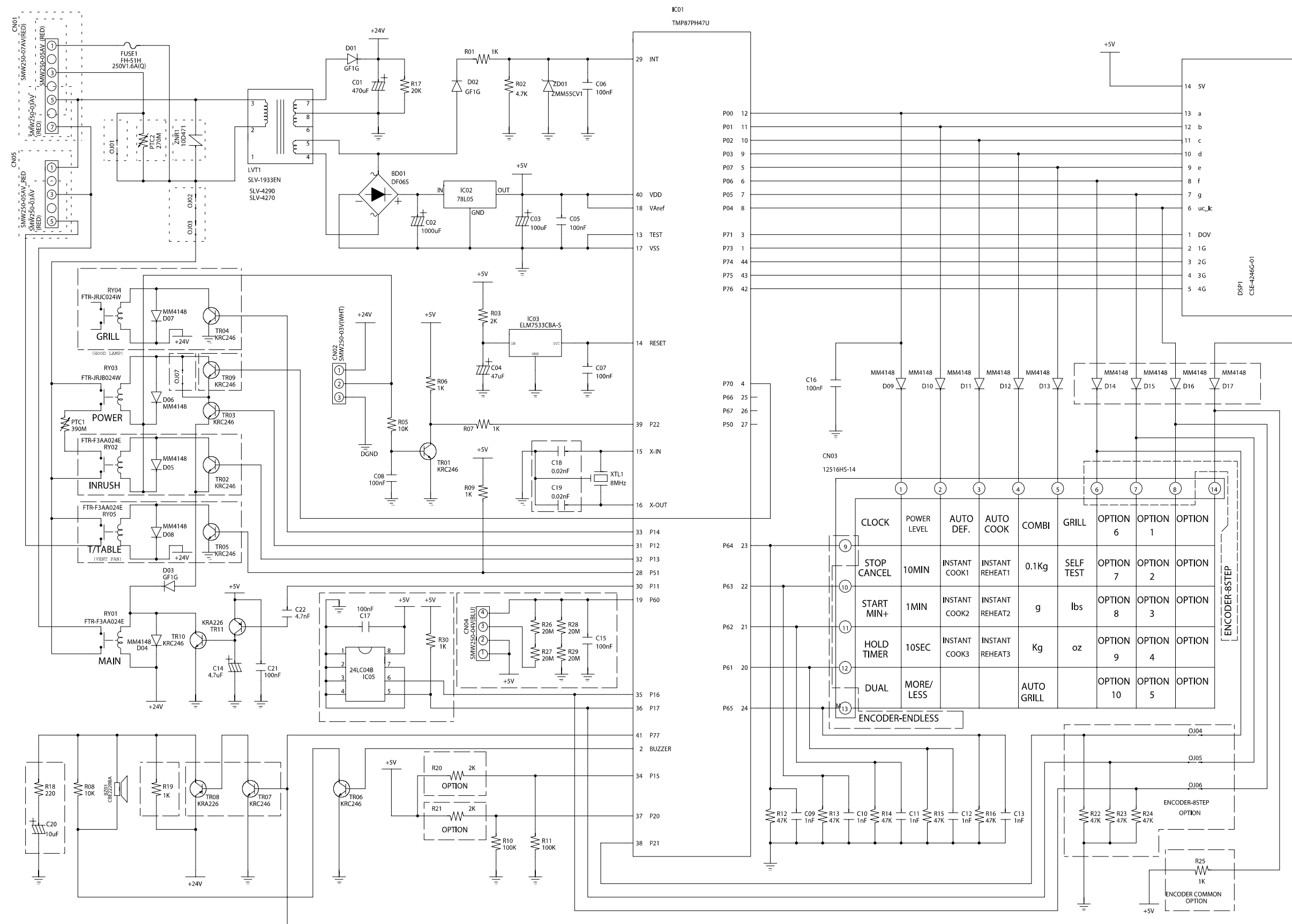


8. P.C.B Diagrams

8-1 P.C.B Diagrams (This Document can not be used without Samsung's authorization)



RC-K2LED1

8-2 P.C.B Parts List

Code No.	Description	Specification	Q'ty	Remark
3501-001155	RELAY-MINIATURE	24VDC,200MW,3000MA,1FORMA,10MS,10MS	2	RY01,RY02
3501-001188	RELAY-POWER	24V DC,0.53W,-,1FORMA,9.3MS,10MS	1	RY03
3601-001126	FUSE-CARTRIDGE	250V,1.6A,FAST-ACTING,CERAMIC,5x20mm	1	-
3708-000529	CONNECTOR-FPC/FFC/PIC	14P,2.54mm,STRAIGHT,SN	1	DSP1
3708-001551	CONNECTOR-FPC/FFC/PIC	14P,1.25mm,STRAIGHT,SN	1	CN03
DE09-00054A	IC MICOM	TPM87CH47U,OTP-16K,QFP,-,-,-,-,-,-,-,-,44PIN,	1	IC01
DE26-00034A	TRANS L.V	SLV-1933EN,230V,50Hz,7.0V/17V,-,35*11,PIN,-	1	LVT1
DE30-20016A	BUZZER	CBE2220BA,STICK,-,-,-,-,-,-,-,-	1	BZ01
DE47-40024A	HOLDER-FUSE	FH-51H,7.5A,-,-,-,-,-,-,-,-	1	FUSE1
0401-001083	DIODE-SWITCHING	MM4148,100V,150MA,LL-34,TP	7	D04~D06,D09~D11,D015
0402-001080	DIODE-RECTIFIER	GF1G,400V,1A,DO-214BA,TP	3	D01~D03
0402-001298	DIODE-BRIDGE	DF06S,600V,1A,SMD-4,TP	1	BD01
0403-001288	DIODE-ZENER	ZMM55C5V1,4.8-5.4V,500MW,LL-34,TP	1	ZD01
0504-001008	TR-DIGITAL	RN2427,PNP,200MW,2.2K/10K,SOT-23,TP	1	TR11
0504-001080	TR-DIGITAL	KRC246S,NPN,200mW,2.2K/10K,SOT-23,TP	5	TR01~TR03,TR06,TR10
1203-001037	IC-VOLTAGE REGULATOR	78L05,SOT-89,3P,185MIL,PLASTIC	1	IC02
1203-002876	IC-VOL. DETECTOR	ELM7533CBA-S,SOT-23,3P,2.9X1.5MM,PLASTIC,	1	IC03
1404-001194	THERMISTOR-PTC	39ohm,20%,220/240V,270Vac,1.2A,-,TP	1	PTC1
2007-000033	R-CHIP	0ohm,5%,1/4W,TP,3216	18	J01~J18
2007-000033	R-CHIP	0ohm,5%,1/4W,TP,3216	2	OJ01,OJ07
2007-000282	R-CHIP	100Kohm,5%,1/8W,TP,2012	2	R10,R11
2007-000300	R-CHIP	10Kohm,5%,1/8W,TP,2012	1	R08
2007-000468	R-CHIP	1Kohm,5%,1/8W,TP,2012	5	R01,R06,R07,R09,R19
2007-000546	R-CHIP	20Kohm,5%,1/8W,TP,2012	1	R17
2007-000671	R-CHIP	2Kohm,5%,1/8W,TP,2012	1	R03
2007-000872	R-CHIP	4.7Kohm,5%,1/8W,TP,2012	1	R02
2007-000941	R-CHIP	47Kohm,5%,1/8W,TP,2012	5	R12~R16
2203-000192	C-CERAMIC,CHIP	100nF,+80-20%,50V,Y5V,TP,2012,	7	C05~C08,C16,C17,C21
2203-000444	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,2012,-	6	C09~C13,C22
2401-000151	C-AL	1000uF,20%,25V,GP,TP,10x20,5	1	C02
2401-000244	C-AL	100uF,20%,10V,GP,TP,6.3x7,5	1	C03
2401-001428	C-AL	470uF,20%,50V,GP,TP,10x20,5	1	C01
2401-003107	C-AL	47uF,20%,16V,GP,TP,5x7,5	1	C04
2404-000232	C-TA,CHIP	4.7uF,20%,10V,-,TP,3216,-	1	C14
2802-000188	RESONATOR-CERAMIC	8MHz,0.5%,TP,10.0x5.0x8.0mm	1	XTL1
3711-000881	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	1	CN02
3711-004200	CONNECTOR-HEADER	BOX,4P/7P,1R,2.5MM,STRAIGHT,SN,RED	1	CN01
DE60-60012A	PIN-EYELET	ID2.1,OD2.5,L3.0,SN,BSP,T0.25,	5	-