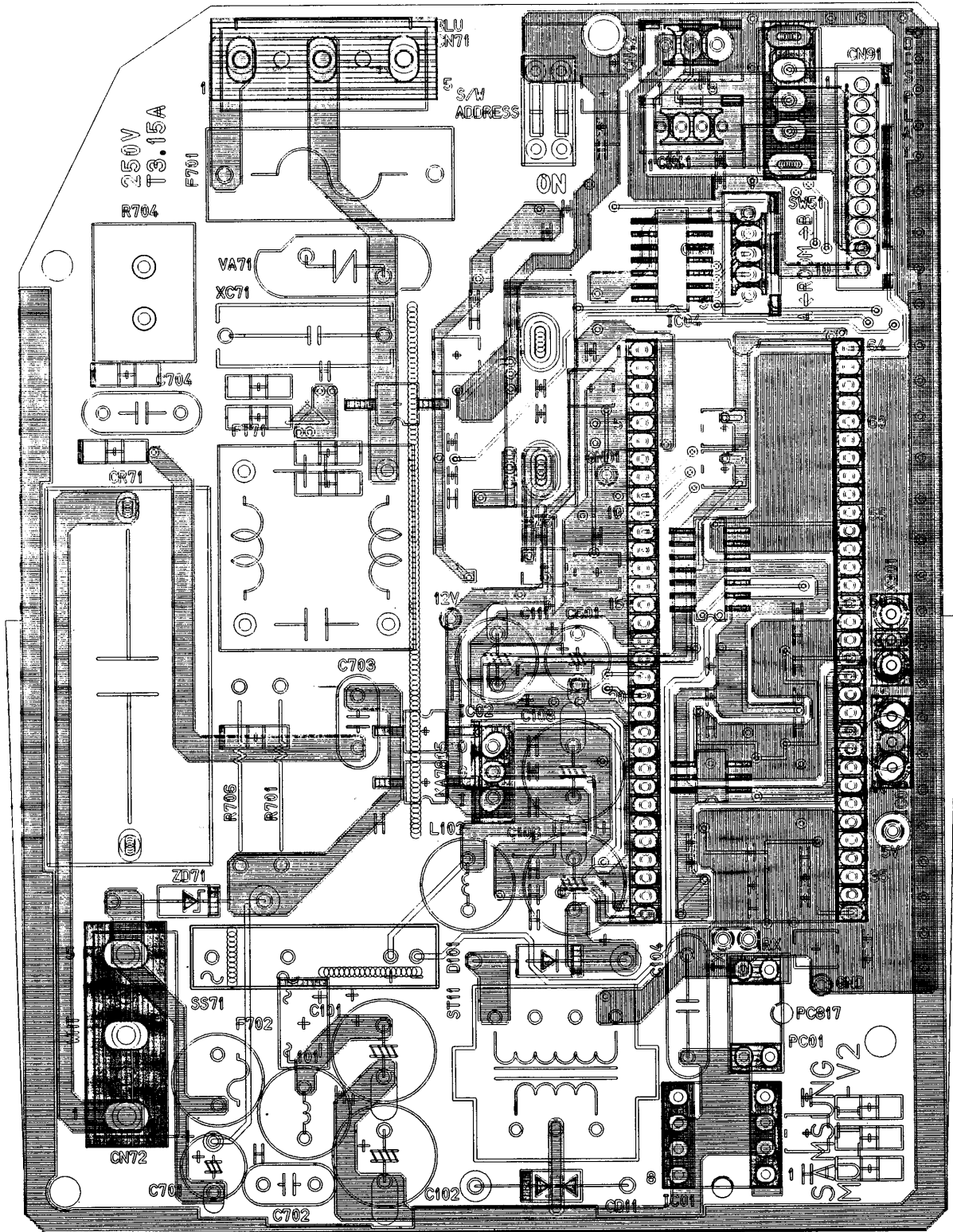


7. PCB Diagrams

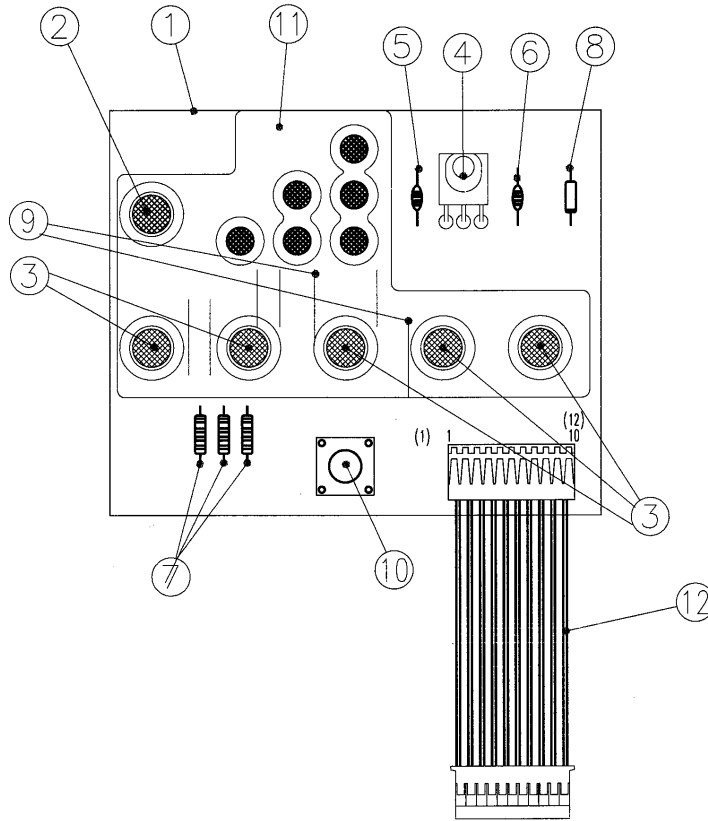
7-1 Main PCB : (Indoor Unit)



■ PART LIST

No	Description	LOCATION NO.	Specification
1	TR SMALL SIGNAL	MMST29074A	MMST29074A
2	TR SMALL SIGNAL	2SC2412K	2SC2412K
3	TR DIGITAL	DTA114EKA	DTA114EKA
4	TR DIGITAL	DTC114EKA	DTC114EKA
5	IC DRIVE	ULN2003AFW	ULN2003AFW
6	C-CHIP	CS2012Y54104Z500	CS2012Y54104Z500
7	C-CHIP	CS2012Y5V103Z500	CS2012Y5V103Z500
8	C-CHIP	CS2012X7R102K500	CS2012X7R102K500
9	R-CHIP	R3216 220k ± 5	R3216 220k ± 5
10	R-CHIP	R2012 6.8k ± 5	R2012 6.8k ± 5
11	R-CHIP	R3216 100k ± 5	R3216 100k ± 5
12	R-CHIP	R2012 330k ± 5	R2012 330k ± 5
13	R-CHIP	R2012 4.7k ± 5	R2012 4.7k ± 5
14	R-CHIP	R2012 220k ± 5	R2012 220k ± 5
15	R-CHIP	R2012 470k ± 5	R2012 470k ± 5
16	R-CHIP	R2012 10k ± 5	R2012 10k ± 5
17	R-CHIP	R2012 6.8k ± 5	R2012 6.8k ± 5
18	R-CHIP	R2012 1k ± 5	R2012 1k ± 5
19	R-CHIP	R2012 0 ± 5	R2012 0 ± 5
20	R-CHIP	R2012 560 ± 5	R2012 560 ± 5
21	DIODE DRIDGE	DF06S	DF06S
22	PHOTO COUPLER	TLP180(GB-TPL)	TLP180(GB-TPL)
23	ZENER DIODE	BZX84-C11	BZX84-C11
24	ZENER DIODE	BZX84-C3V6	BZX84-C3V6
25	EEPROM	93LC56B-I/SN	93LC56B-I/SN

7-2 ASS'Y DISPLAY & Module

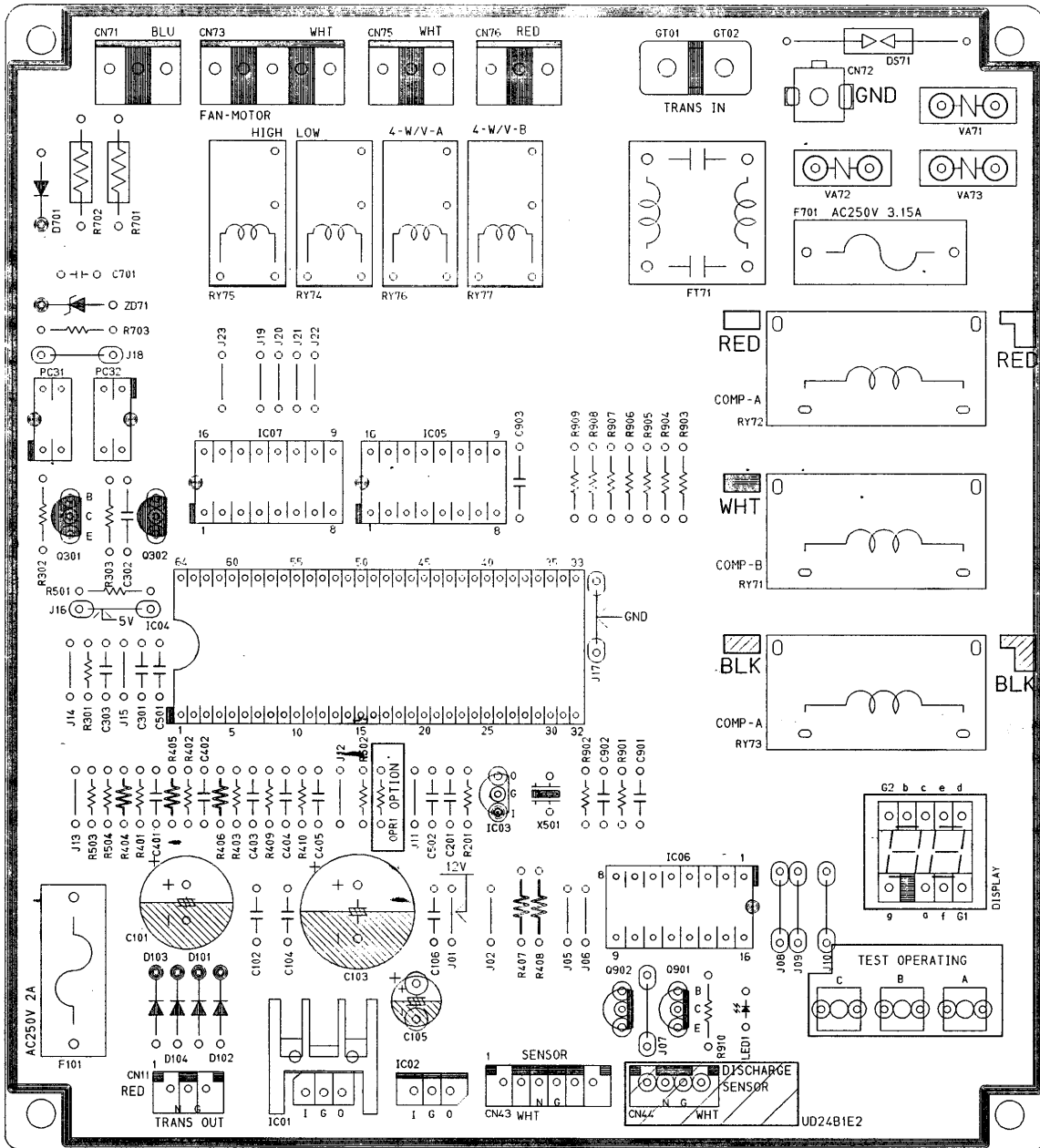


■ Parts List

No	Description	Specification	Code-No	Q'TY
1	PCB-DISPLAY	FR-1 T1.6	DB41-00014A	1
2	LED-LAMP	SY5511(YEL)	0601-001059	1
3	LED-LAMP	SO5511(ORG)	0601-001196	5
4	MODULE REMOCON	KSM-313TH5	DB32-00014A	1
5	C-CERAMIC	CA OA 50V 102K	2201-000173	1
6	C-CERAMIC	CA OA 50V 104Z	2202-000780	1
7	R-CARBON	470 1/2W 5%	2001-000109	3
8	DIODE SWITCHING	1N4148	0401-000005	1
9	JUMP-WIRE	10mm	-	2
10	TACT SWITCH	KPT-1105A	3404-000176	1
11	COVER DISPLAY UP	ABS	DB63-00115A	1
12	C/W DIS & MODULE	UL1007 AWG#26/10	DB39-00146A	1

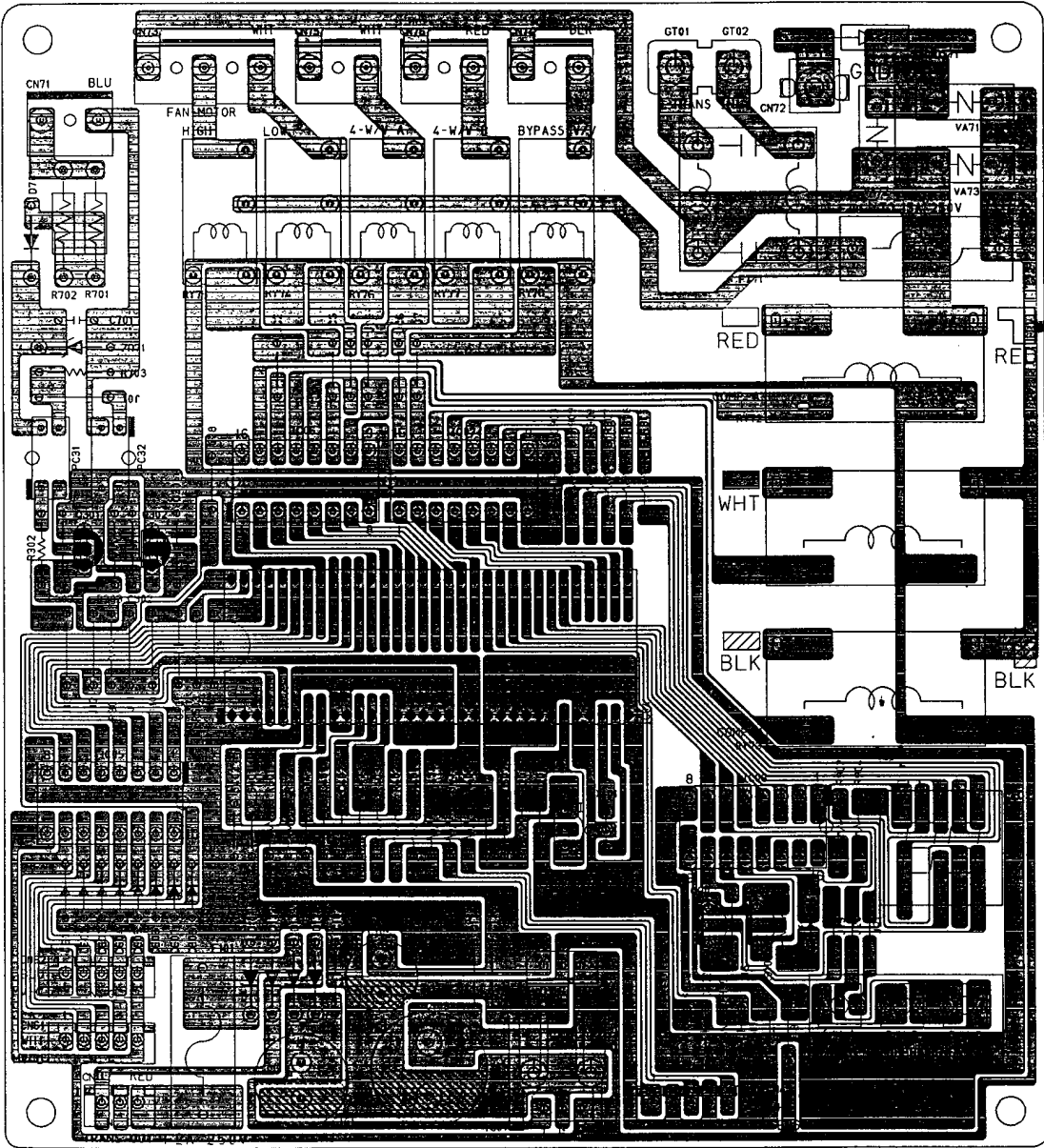
7-3 OUTDOOR PCB

■ 18K/ 19K/ 24K



7-4 OUTDOOR PCB

■ 26K



■ PART LIST

No.	CODE NO	Description	Specification	Q'TY	Remark
F701	DE32-10037A	FUSE	FST 250V 3.15A	1	
F101	DE32-10034A	FUSE	FST250V 2A	1	
F701,F101	DE47-40024A	HOLDER-FUSE	FH-51H 7.5A	2	
R401~R403	2001-000003	R-CARBON	RD 1/8 TP 331-J	3	
R901,R902	2001-000065	R-CARBON	RD 1/4 TP 103-J	2	
R201	2001-00429	R-CARBON	RD 1/8 TP 102-J	1	
R701,R703	2003-000719	R-CARBON	RD 2W TP 562-J	2	
R702	2001-000055	R-CARBON	RD 1/4 TP 472-J	1	
R501,R502	2001-000290	R-CARBON	RD 1/8 TP 103-J	2	
R503	2001-00780	R-CARBON	RD 1/4 TP 470-J	1	
R303	2001-000068	R-CARBON	RD 1/4 TP 123-J	1	
R301,R503	2003-000904	R-CARBON	RD 1/8 TP 621-J	2	
R903~R910	2001-000776	R-CARBON	RD 1/2 TP 471-J	8	
R404~R406	2004-000413	R-METER FIRM	RD 1/8 TP 183-F	3	
C302	2201-000283	C-CERAMIC	CA OA 50V 102Z	1	
	2202-000780	C-CERAMIC	CA OA 50V 104Z	15	
C103	2401-000710	C-ELEC	CE 04 25V 222-M	1	
C105	2401-001397	C-ELEC	CE 04 25V 471-M	1	
C101	2401-000180	C-ELEC	CE 04 25V 102-M	1	
C701	2301-000256	C-MYLAR	472-2A	1	
IC01	DE13-20008A	IC-VOLT REGU	KA7812A	1	
IC02	DE13-20016A	IC-VOLT REGU	KA7805A	1	
IC03	DE13-20009A	IC RESET	KA75332Z	1	
IC04	DE09-30684A	IC-MCU	MB89635R	1	
IC05-IC08	DE13-20024A	IC-DRIVE	KID65003AP	4	
PC31,PC32	DB47-90071A	PHOTO COUPLER	PC817B	2	
D101~D104,D701	0402-000137	DIODE-RECT	1N4007	5	
D401~D408	0401-000005	DIODE-SWITCHING	1N4148	8	
ZD71	0403-000389	ZENNER-DIODE	UZP30P 30V	1	
SEG1	DE07-20028A	LED-DISPLAY	SSD-A3202GMT-S GRN	1	
SEG1	DB61-90080A	HOLDER-SEVEN		1	
LED1	DB07-10019A	LED-LAMP	RED LTL-4213	1	
FT71	DE29-9004A	FILTER NOISE	MD250V 1.6A 6mH	1	
X101	2802-000103	PERSONATOR-CERAMIC	10MHz	1	
Q901,Q902	0504-000144	TRANSISTOR	KSR2002	2	
Q301,Q302	0504-000201	TRANSISTOR	KSR1002	2	
S/W-A,S/W-B,S/W-C	DB34-90082A	SWITCH-TACT	KPT-1115V	3	
VA71,VA72	1405-000147	VARISTOR	INR14D 471K	2	
DS71	DB47-90059A	DISCHARGER	MP362MA	1	
J01~J22	DE39-60001A	WIRE SO COPPER	P10.6 T 50MM	22	
RY71~RY73	3501-000261	RELAY-POWER	G4A-1A	3	
RY74~RY77	3501-000399	RELAY	JQ1a-12V	4	
CN71	3711-003404	CONNECTOR WAFER	YW396-03AV BLU	1	
CN43	3711-001031	CONNECTOR WAFER-	SMW250-06 WHT	1	
CN11	3711-000880	CONNECTOR WAFER	SMW250-03 RED	1	
CN73	3711-000262	CONNECTOR WAFER	YW396-05AV WHT	1	
CN74	3711-003405	CONNECTOR WAFER	YW396-03AV BLK	1	
CN75	3711-000203	CONNECTOR WAFER	YW396-03AV WHT	1	
CN76	3711-003407	CONNECTOR WAFER	YW396-03AV RED	1	
CN91,CN92	3711-003247	CONNECTOR WAFER	YW250-14 WHT	2	
CN61	3711-000999	CONNECTOR WAFER	YW250-05 WHT	1	
CN62	3711-000997	CONNECTOR WAFER	YW250-05 BLU	1	
GT01	3712-001062	CONNECTOR-TERMINAL	GP88191-2	2	
IC01	DE60-10100A	SCREW-PH	M3*G FeFzY	1	
IC01	DE62-30032A	HEATSI-PH	AL H25	1	
PCB	DE41-10446A	PCB-OUT	FR-1	1	