

Service Manual



Chime & Siren

PE-6103



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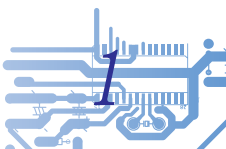
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SPECIFICATIONS

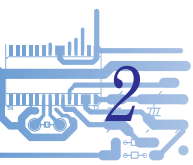
	PE-6103
Siren Frequency	630 Hz
Chime and Siren Output Level/Impedance	1Vrms/10kΩ Unbalanced
Operation Temperature	-10°C ~ +40°C / 140°F~104°F
Power Source	24V DC
Power Consumption	60mA
Weight (SET)	2.8kg/6.2lb
Dimensions (SET)	482(W)x44(H)x280(D)mm/19(W)x1.7(H)x11(D)in

※Design and specification are subject to be changed for the improvement of product quality without pre notice.



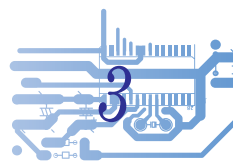
ELECTRICAL PARTS LIST

Ref.	Part No.	Description	Value
MAIN			
Q208 Q210 Q212	102481	PNP/KRA103M,KRA103M	KRA103M
Q106	102526	PNP/KTA1266-Y,KTA1266-Y	KTA1266-Y
Q207 Q209 Q211	102533	NPN/KRC103M,KRC103M	KRC103M
Q105 Q107	102540	NPN/KTD1302,KTD1302	KTD1302
"Q205-206			
Q301-304"	102541	NPN/KTC3198-BL,KTC3198-BL	KTC3198-BL
D101 D205-210	102660	D/1N4006,1N4006(4007)	1N4006(4007)
"D114 D201-202			
D301-303"	102687	D/1N4148,1N4148	1N4148
ZD101	102716	ZD/UZ5.1B,5.1B	5.1B
IC103-104	102816	NJM4558D,4558D	4558D
IC101	103061	IC\REGP,7812	7812
R124 R133 R322	104235	R100J/A,100	100
"R208 R306			
R312-319"	104236	R1KJ/A,1K	1K
"R118 R121-122			
R128-129 R202"	104237	R10KJ/A,10K	10K
R320	104255	R150J/A,150	150
R305	104256	R1.5KJ/A,1.5K	1.5K
R123	104270	RES1,18k	18k
R206	104276	R200KJ/A,200K	200K
R211	104281	R2.2KJ/A,2.2K	2.2K
R204	104282	R22KJ/A,22K	22K
R116 R302-303	104283	R220KJ/A,220K	220K
R120	104289	R24KJ/A,24K	24K
R115	104296	R27KJ/A,27K	27K
R205	104306	R33J/A,33	33
"R301 R304			
R309 R311"	104308	R3.3KJ/A,3.3K	3.3K
R209	104309	R33KJ/A,33K	33K
R203	104329	R470J/A,470	470
R321	104332	R4.7KJ/A,4.7K	4.7K
"R130-132			
R212 R307"	104333	R47KJ/A,47K	47K
R210	104334	R470KJ/A,470K	470K
R207	104361	R6.8KJ/A,6.8K	6.8K
R308	104362	R68KJ/A,68K	68K
R119	104372	R8.2KJ/A,8.2K	8.2K
R310	104373	R82KJ/A,82K	82K
R201	104522	R100J/1W/MO,100 1W	100 1W
R101	104525	R100J/1W/MO/A,100 1W	100 1W
R102	104655	R470J/1W/MO,470 1W	470 1W
"C109 C112-114			
C118 C209-210"	105405	EC10U50M/SG/T,10/50	10/50
C108	105445	EC1U50M/SG/T,1/50	1/50
C201 C303	105472	EC220U25M/SG,220/25	220/25
C116 C208	105511	EC47U50M/SG/T,47/50	47/50
C301-302	105578	EC47U10M/NP/T,47/10 NP	47/10 NP
C218-223	105667	CE0.001U50J/Y5P/T,0.001U	0.001U
C110-111	105708	CE470P50J/SL/T,470P	470P
C107	105711	CE4700P500F,4700	4700
C305	105842	MA0.018U100J/T,0.018/100(M)	0.018/100(M)
C306	105844	MA2200P100J/T,2200P100(M)	2200P100(M)
C307	105846	MA0.022U100J/T,0.022/100(M)	0.022/100(M)
C304	105877	MA8200P100J/T,8200P100(M)	8200P100(M)
C117	106008	CE100P50J/COG/T,100P	100P

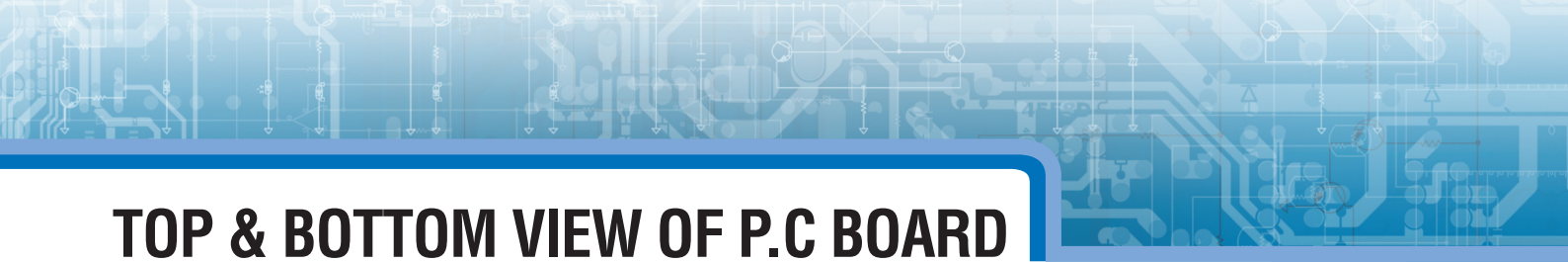


ELECTRICAL PARTS LIST

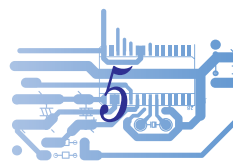
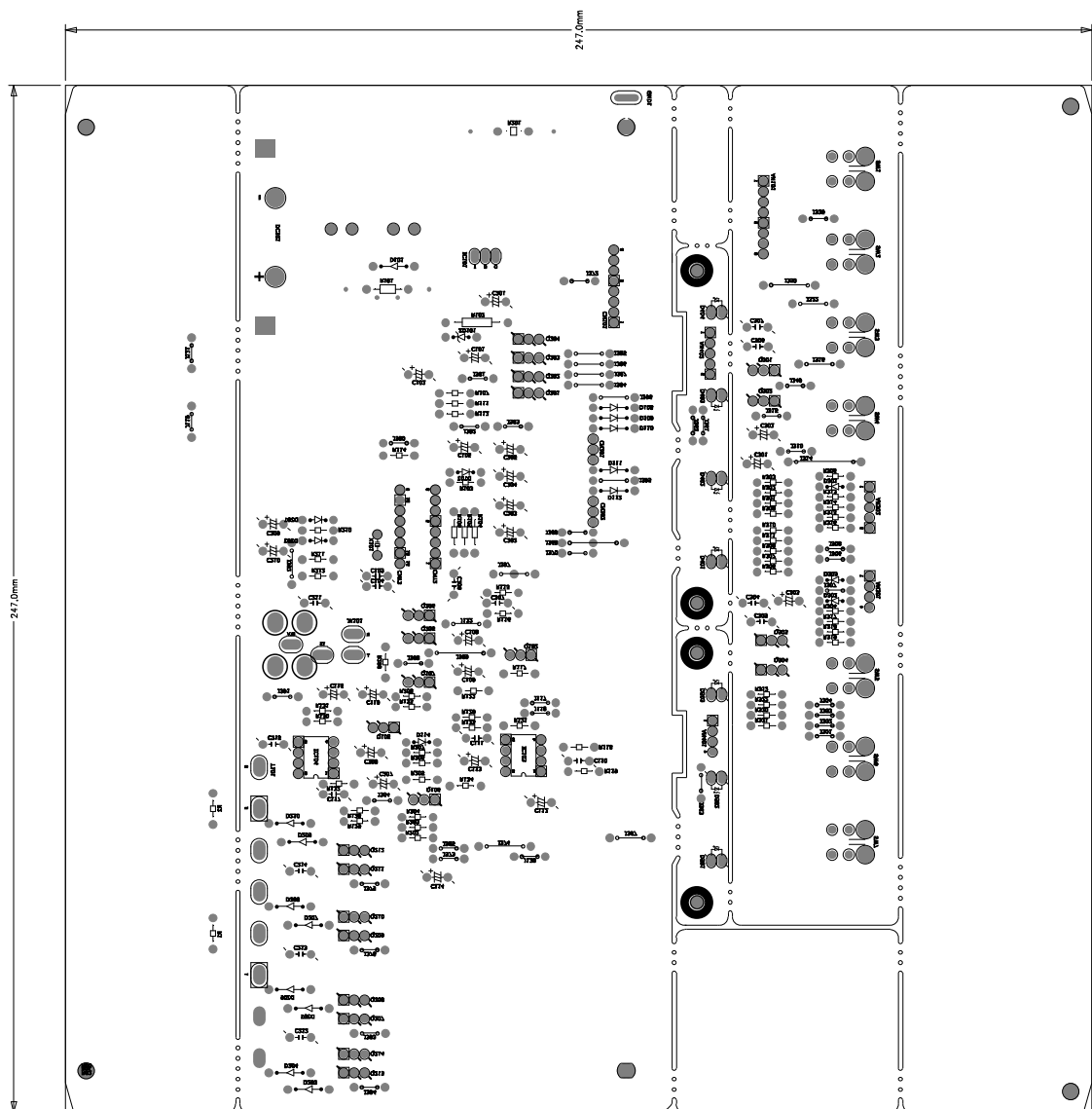
Ref.	Part No.	Description	Value
AN302 AN402	109195	CON/TW5P	TW5P
AN301 AN401	109196	CON/TW4P	TW4P
AN101 CN101	109365	CON/AN8P	AN8P
T101	110923	TER/SC/1990/06V4408196606,TERMINAL06P	TERMINAL06P
CNT1-2	110960	08P/PH03/16.0,PH03-08P	PH03-08P
J101	111590	TER/DC/02H/4438094620,TERMINAL02P	TERMINAL02P
JK101	111603	PHN04P/4438097310,PHONE04P	PHONE04P
SW5-7	112030	SW,SPUN34X1T021	SPUN34X1T021
SW2-4	112032	SW,SPUN44X1T	SPUN44X1T
F101	112562	20/100MA/250V/T/KUC/5508410739,T100mA/250V	T100mA/250V
Q1-3	118630	PNP/KTA1504S-Y/SOT23,KTA1504S-Y	KTA1504S-Y
IC1	119156	HT86144/SOP28P/2,HT86144	HT86144
R11-12	119346	R10J/2012,10	10
R5-6 R107	119362	R1KJ/2012,1K	1K
R1-3	119367	R10KJ/2012,10K	10K
R10	119370	R100KJ/2012,100K	100K
R7-9	119576	R3.3KJ/2012,3.3K	3.3K
C1-2 C9-10	120121	EC100U16M/RC,100/16	100/16
C3	120126	EC1U50M/RC,1/50	1/50
C6	120247	CE0.1U50Z/2012,0.1U	0.1U
C8	120420	CE0.1U50K/2012,0.1U	0.1U
C101 C207	127685	EC100U25M/SG/T,100/25	100/25
D501-503	129893	LD/R/SLR54URA,RED(SLR54URA)	RED(SLR54URA)
D401-403	130300	LD/G/SLR54GGA,GRE(SLR54GGA)	GRE(SLR54GGA)
"C4 C211			
C213-215"	132223	CE0.1U50Z/Y5V/T,0.1U	0.1U
X1	3938000964	8MHZ/HC-49S,8MHz	8MHz
FC1-2	4458999110	FUSE/CLIP/20MM,CLIP 20mm	CLIP 20mm
CNT1-2	110960	08P/PH03/16.0,PH03-08P	PH03-08P
Q1-3	118630	PNP/KTA1504S-Y/SOT23,KTA1504S-Y	KTA1504S-Y
IC1	119156	HT86144/SOP28P/2,HT86144	HT86144
R11-12	119346	R10J/2012,10	10
R5-6 R107	119362	R1KJ/2012,1K	1K
R1-3	119367	R10KJ/2012,10K	10K
R10	119370	R100KJ/2012,100K	100K
R7-9	119576	R3.3KJ/2012,3.3K	3.3K
C1-2 C9-10	120121	EC100U16M/RC,100/16	100/16
C3	120126	EC1U50M/RC,1/50	1/50
C6	120247	CE0.1U50Z/2012,0.1U	0.1U
C8	120420	CE0.1U50K/2012,0.1U	0.1U
C4	120421	CE0.1U50Z/Y5V/T,0.1U	0.1U
X1	3938000964	8MHZ/HC-49S,8MHz	8MHz
WIRING			
112563	FUSE,20MM,T,100MA,250V,K/U/CS		FUSE



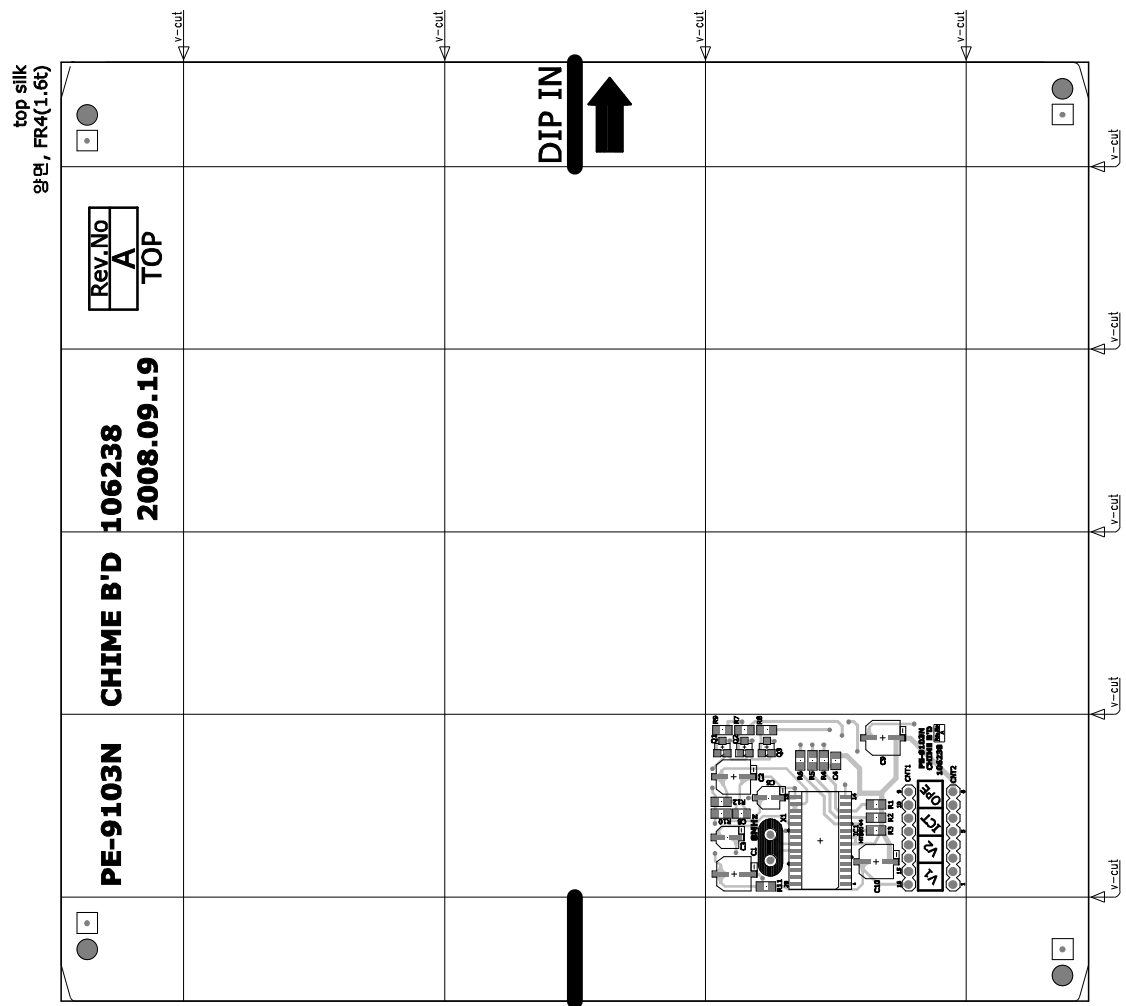
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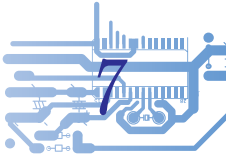
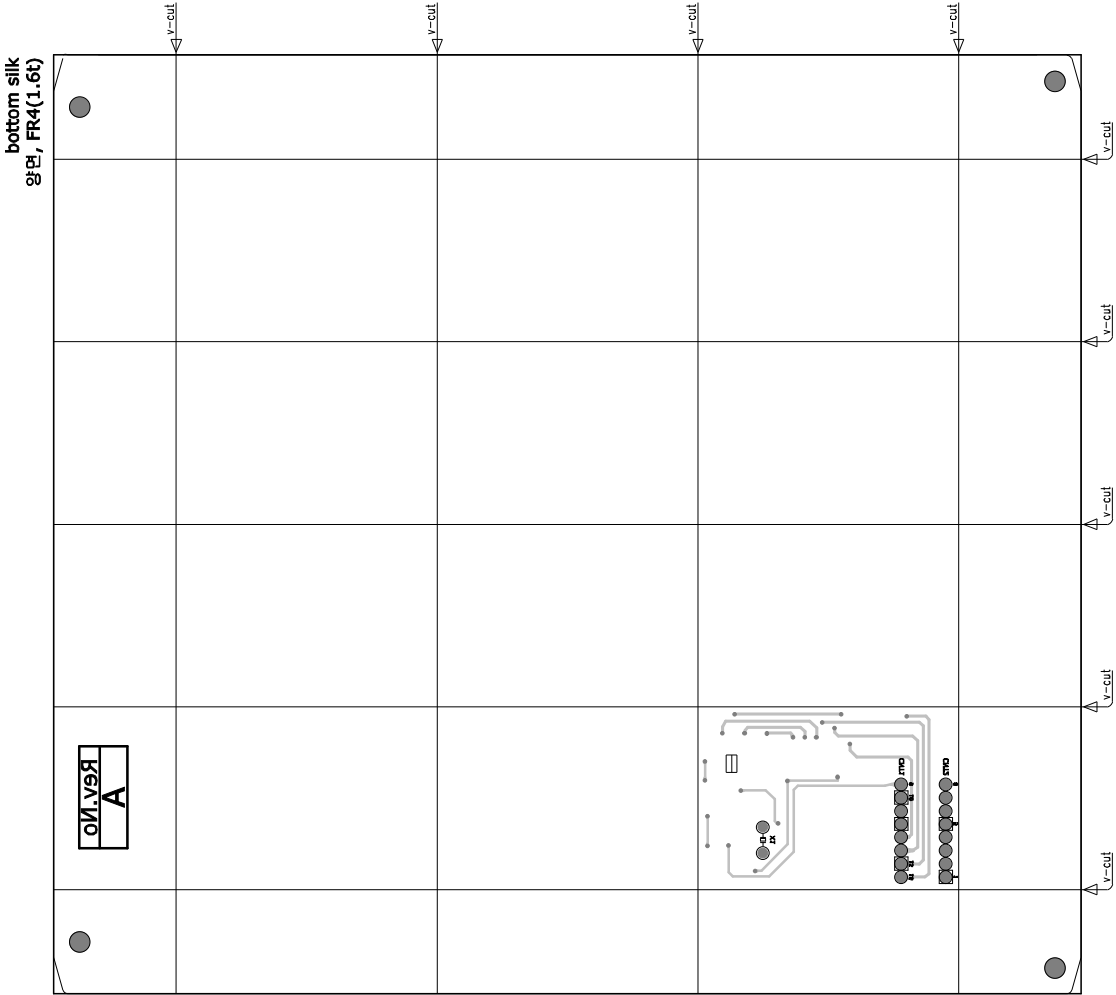
TOP & BOTTOM VIEW OF P.C BOARD



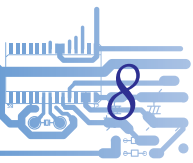
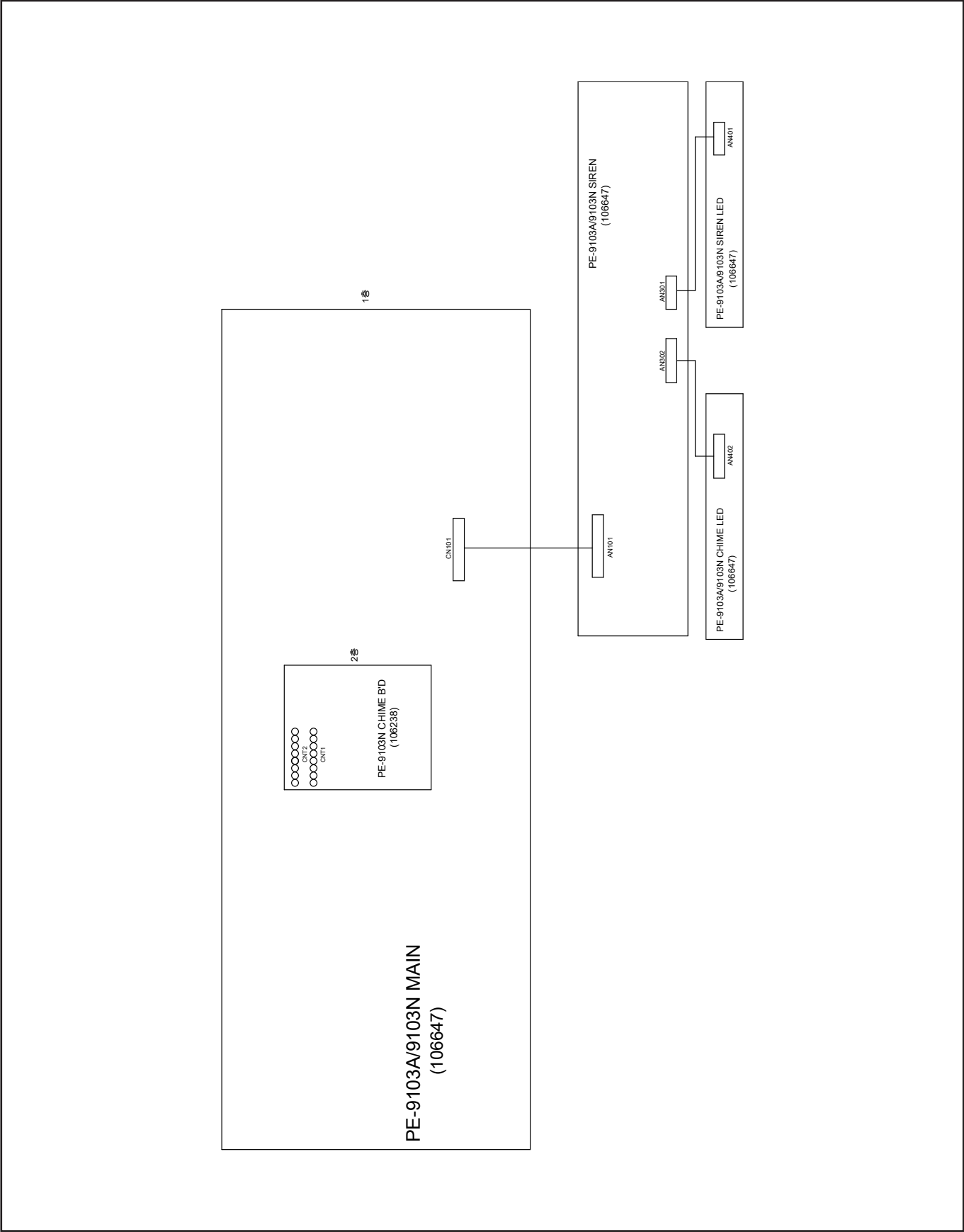
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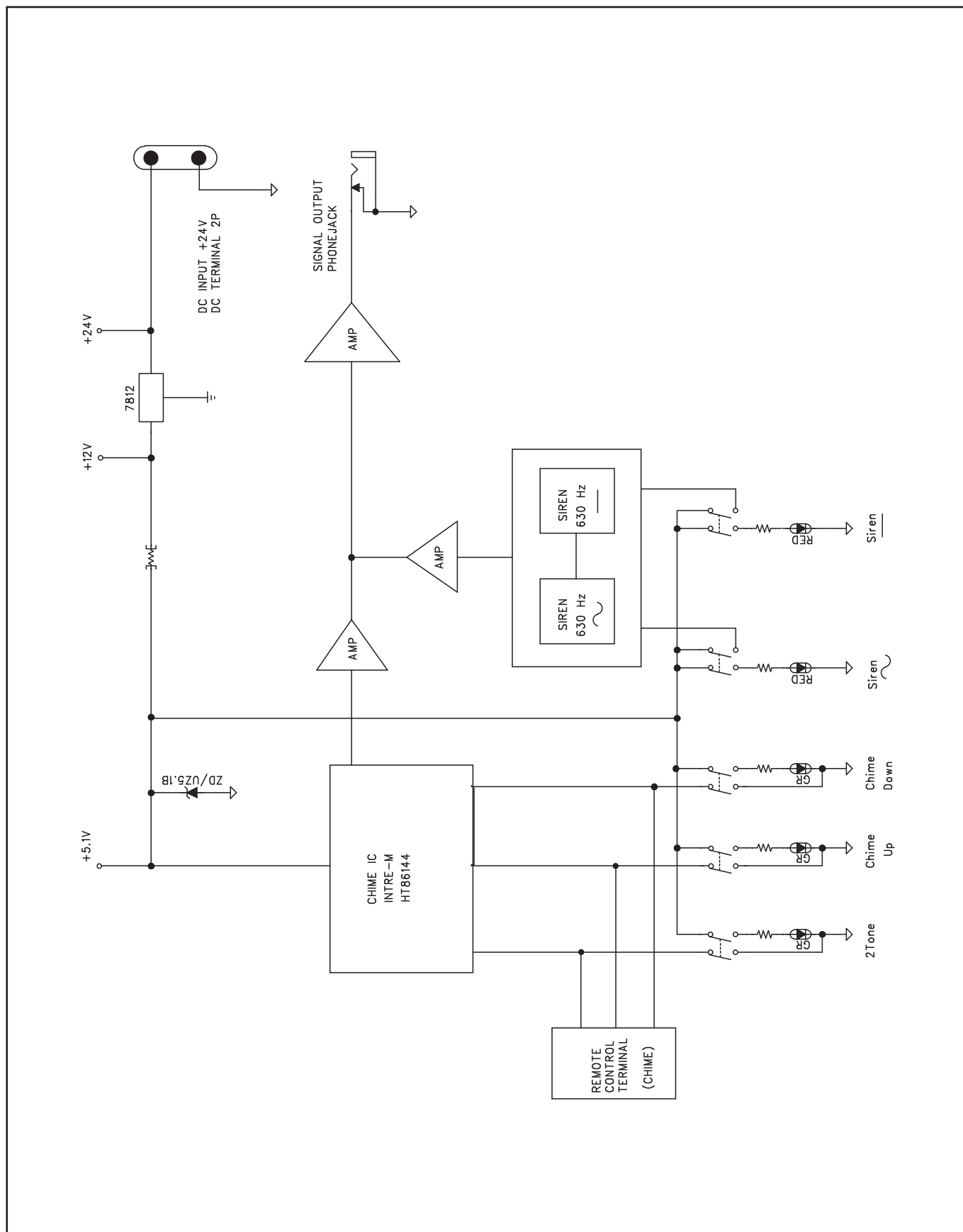
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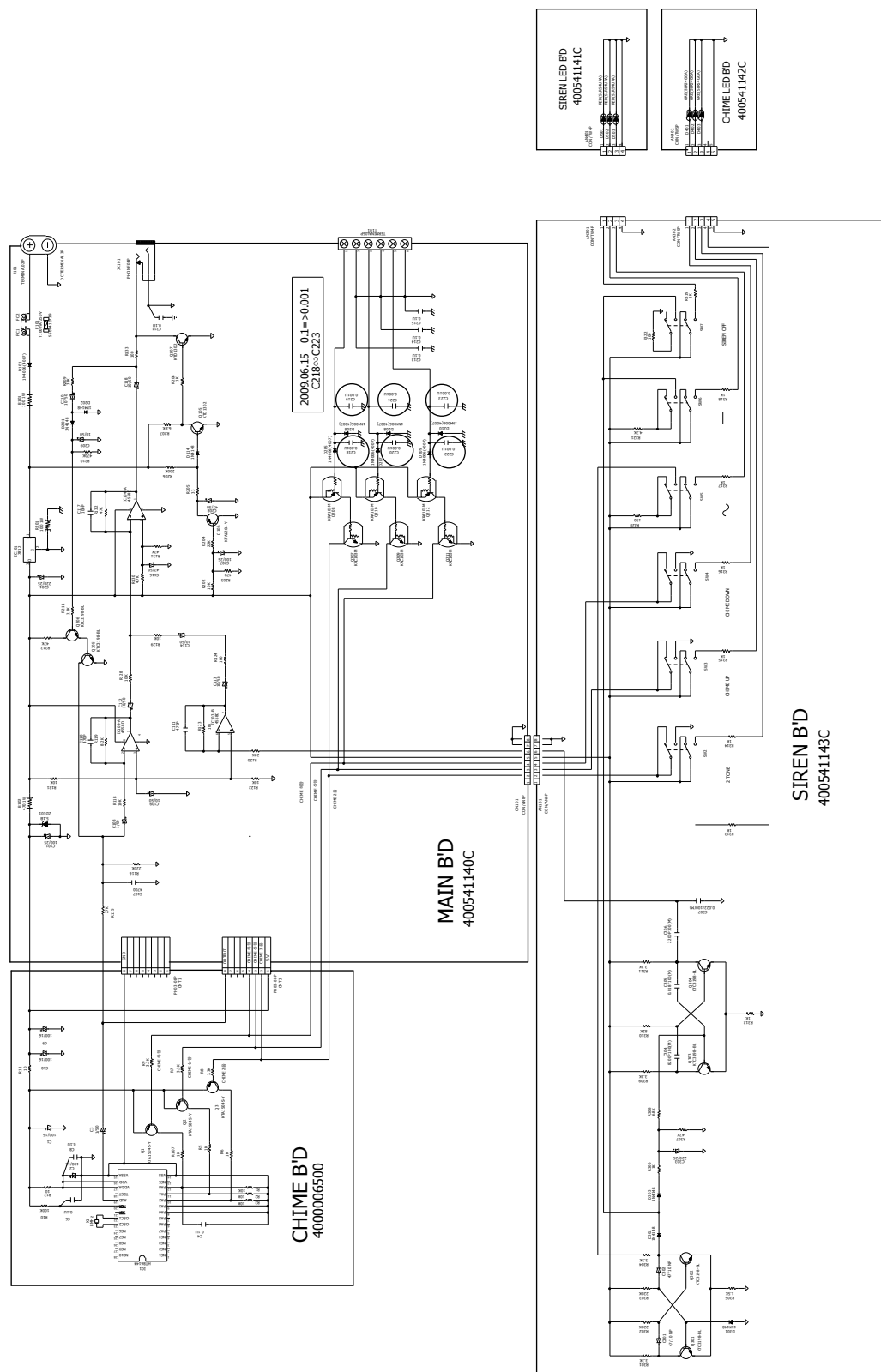
WIRING DIAGRAM



BLOCK DIAGRAM

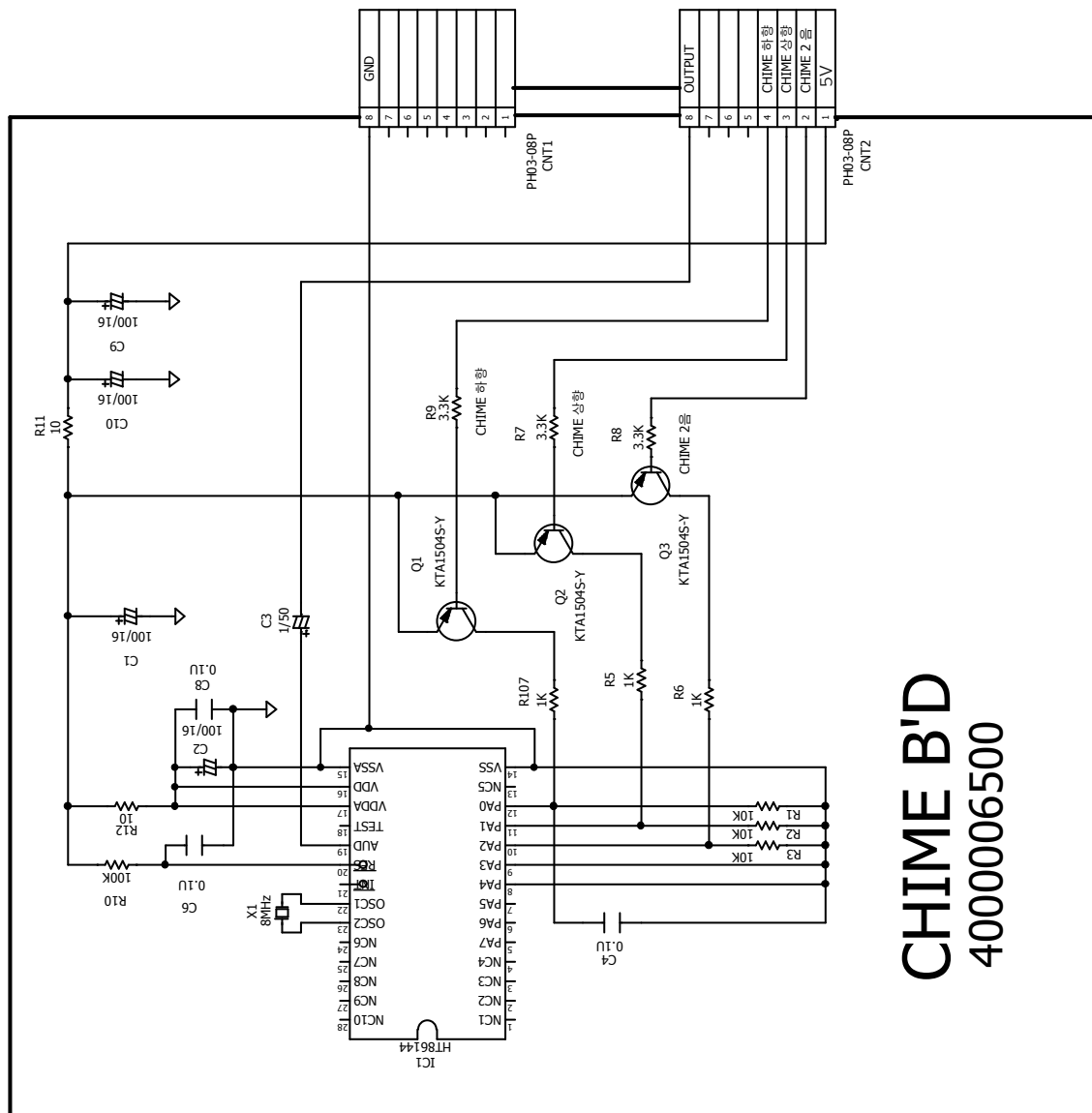


SCHEMATIC DIAGRAM



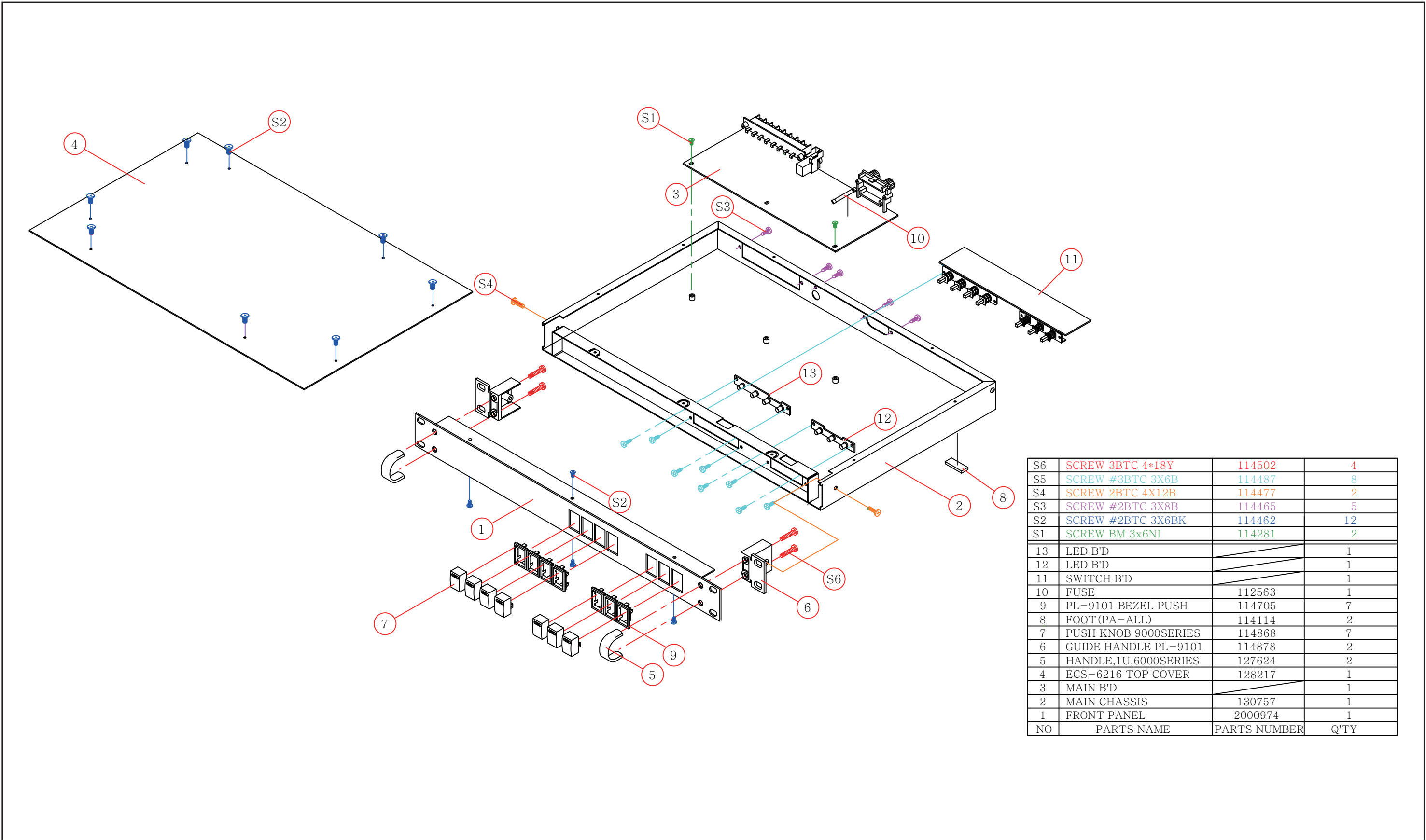
SCHEMATIC DIAGRAM

SHIN



EXPLODED VIEW OF CABINET & CHASSIS/
MECHANICAL PARTS LIST

EXPLODED VIEW OF CABINET & CHASSIS/
MECHANICAL PARTS LIST



S6	SCREW 3BTC 4*18Y	114502	4
S5	SCREW #3BTC 3X6B	114487	8
S4	SCREW 2BTC 4X12B	114477	2
S3	SCREW #2BTC 3X8B	114465	5
S2	SCREW #2BTC 3X6BK	114462	12
S1	SCREW BM 3x6NI	114281	2
13	LED B'D		1
12	LED B'D		1
11	SWITCH B'D		1
10	FUSE	112563	1
9	PL-9101 BEZEL PUSH	114705	7
8	FOOT (PA-ALL)	114114	2
7	PUSH KNOB 9000SERIES	114868	7
6	GUIDE HANDLE PL-9101	114878	2
5	HANDLE, 1U, 6000SERIES	127624	2
4	ECS-6216 TOP COVER	128217	1
3	MAIN B'D		1
2	MAIN CHASSIS	130757	1
1	FRONT PANEL	2000974	1
NO	PARTS NAME	PARTS NUMBER	Q'TY

