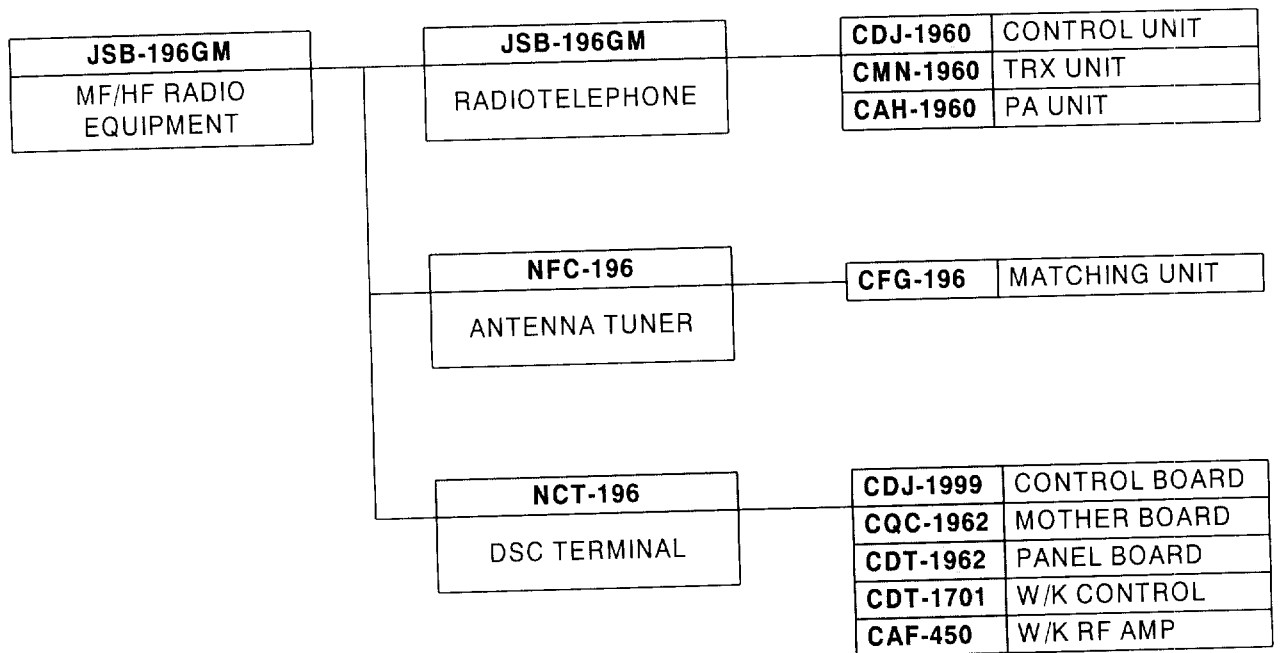
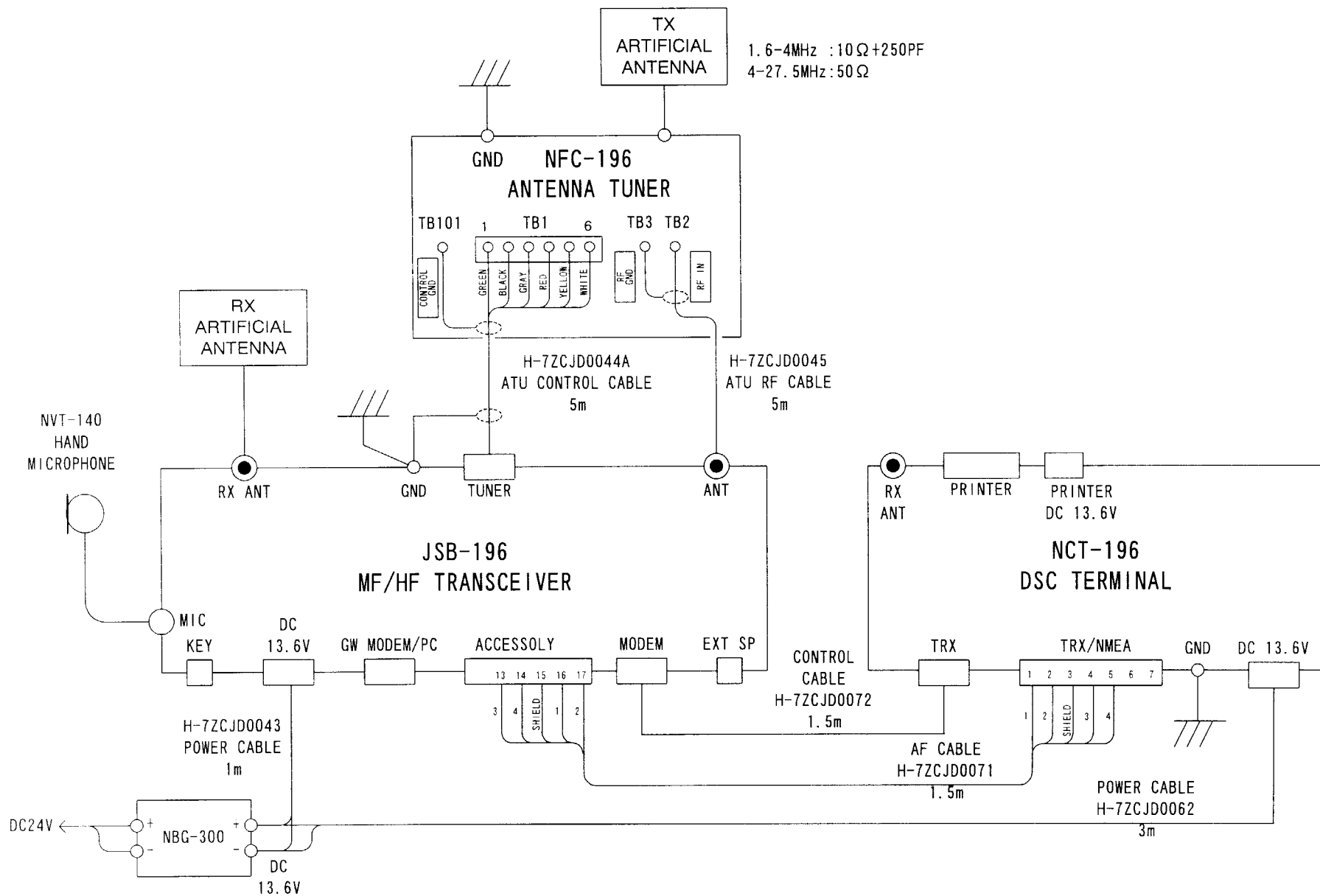
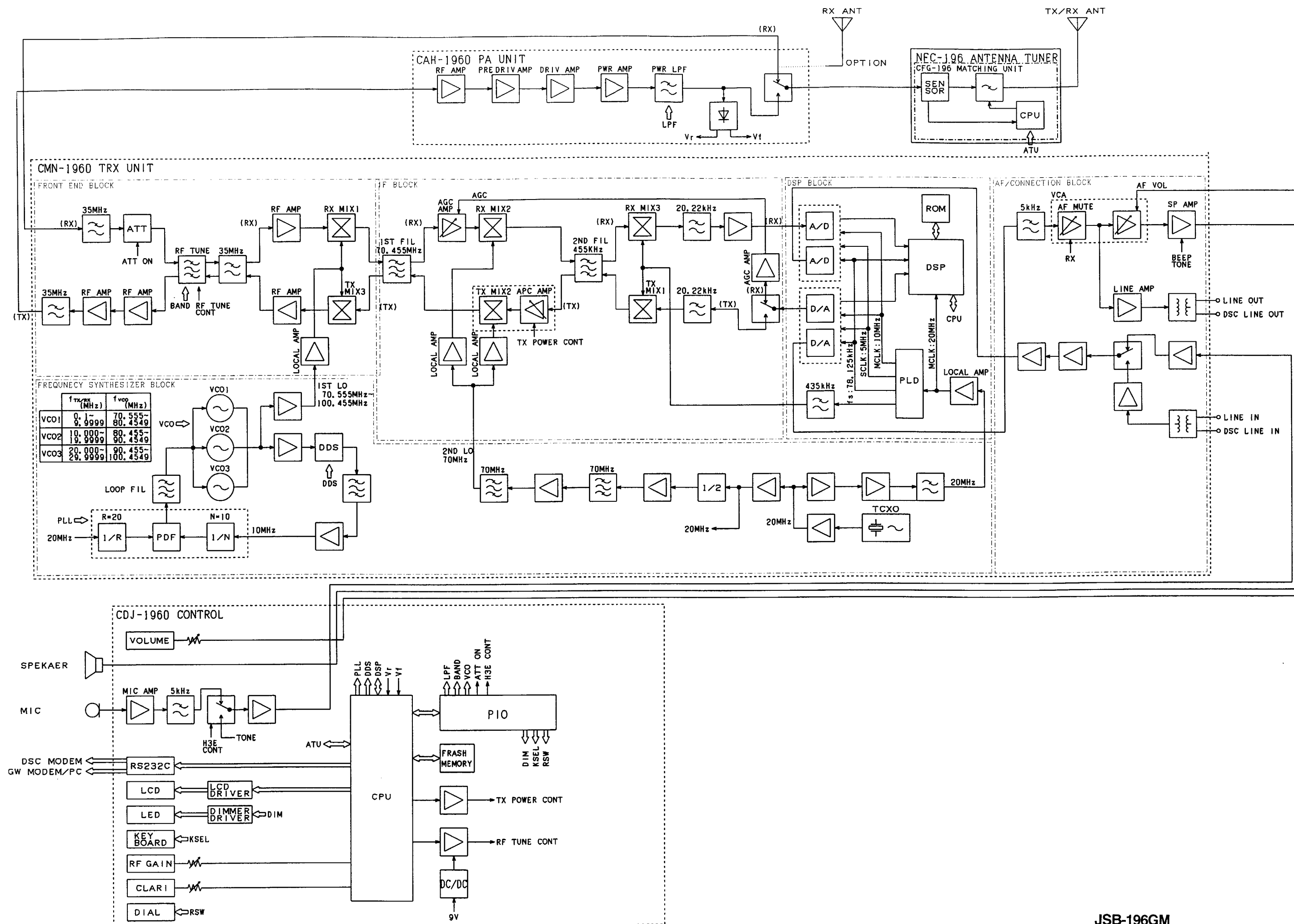


JSB-196GM MF/HF RADIO EQUIPMENT

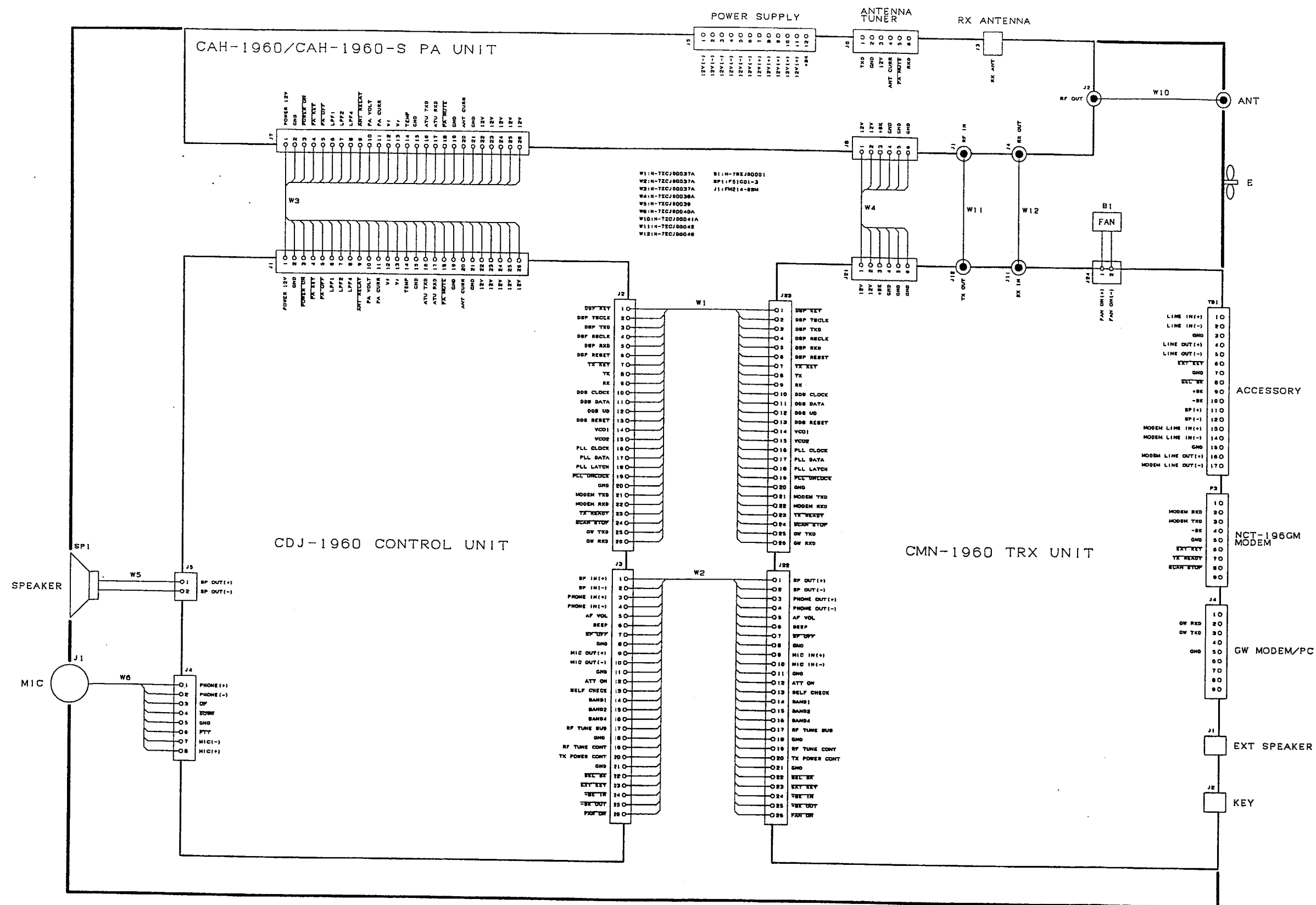


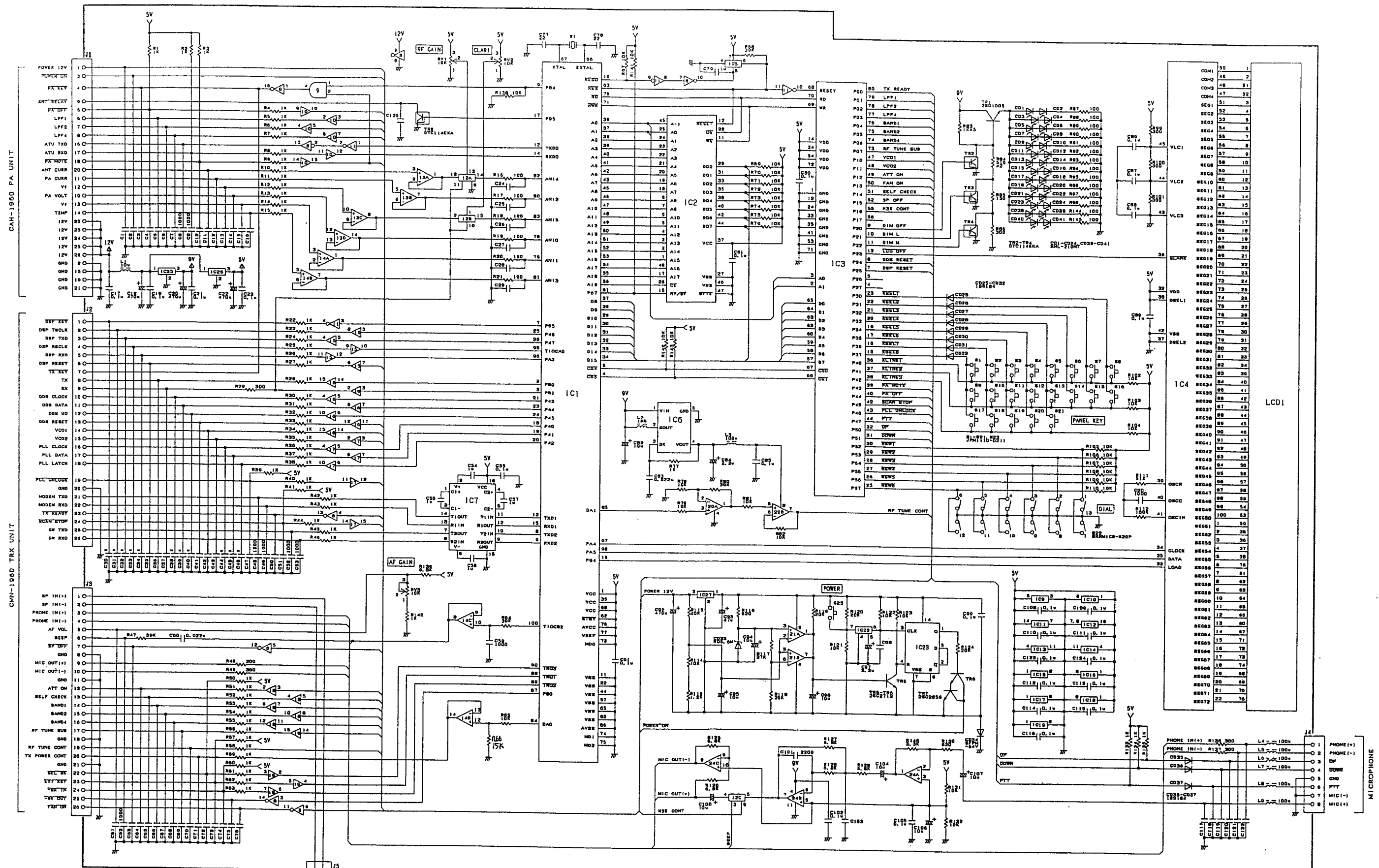


**JSB-196GM
TEST CONFIGURATION**



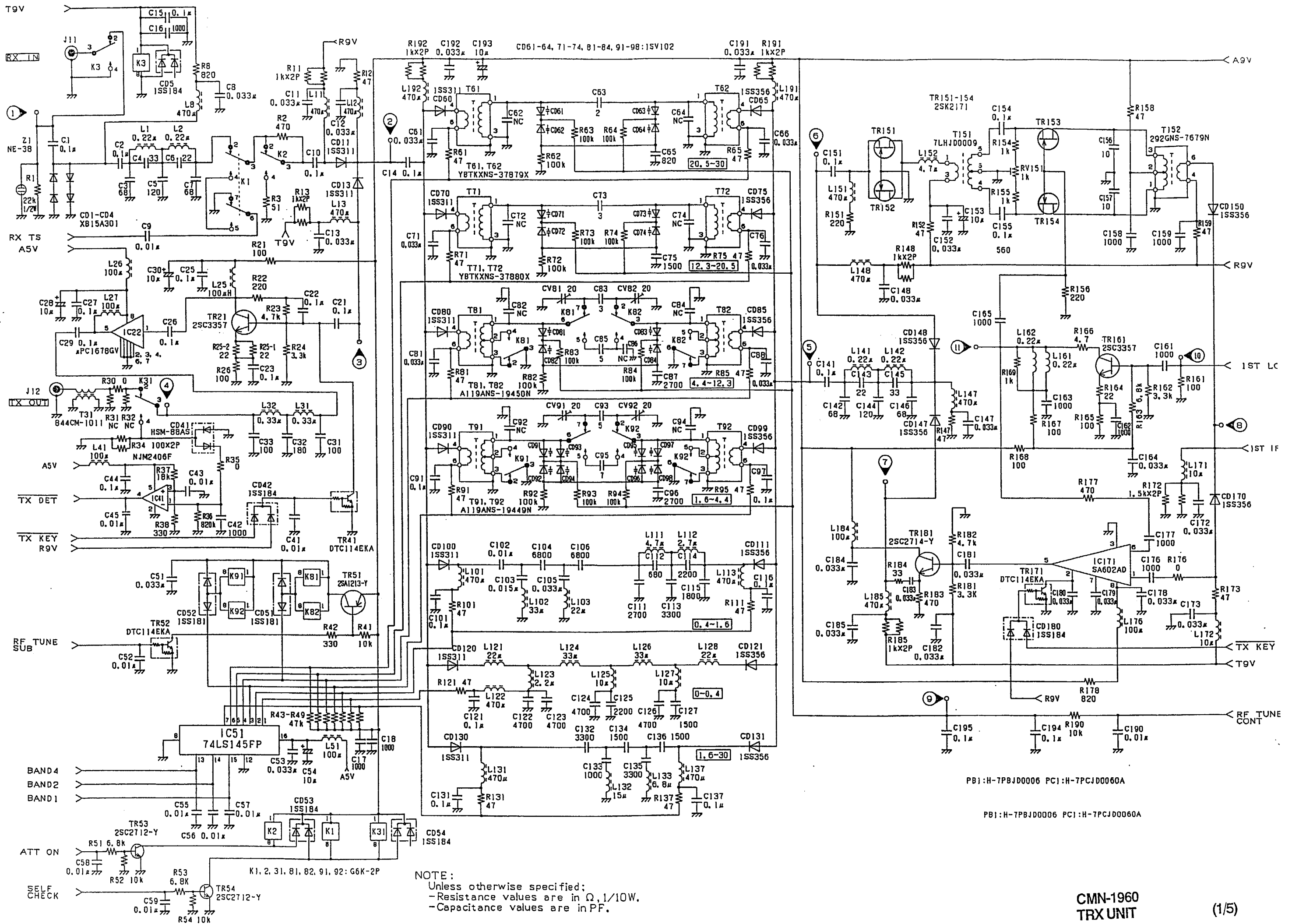
JSB-196GM
BLOCK DIAGRAM

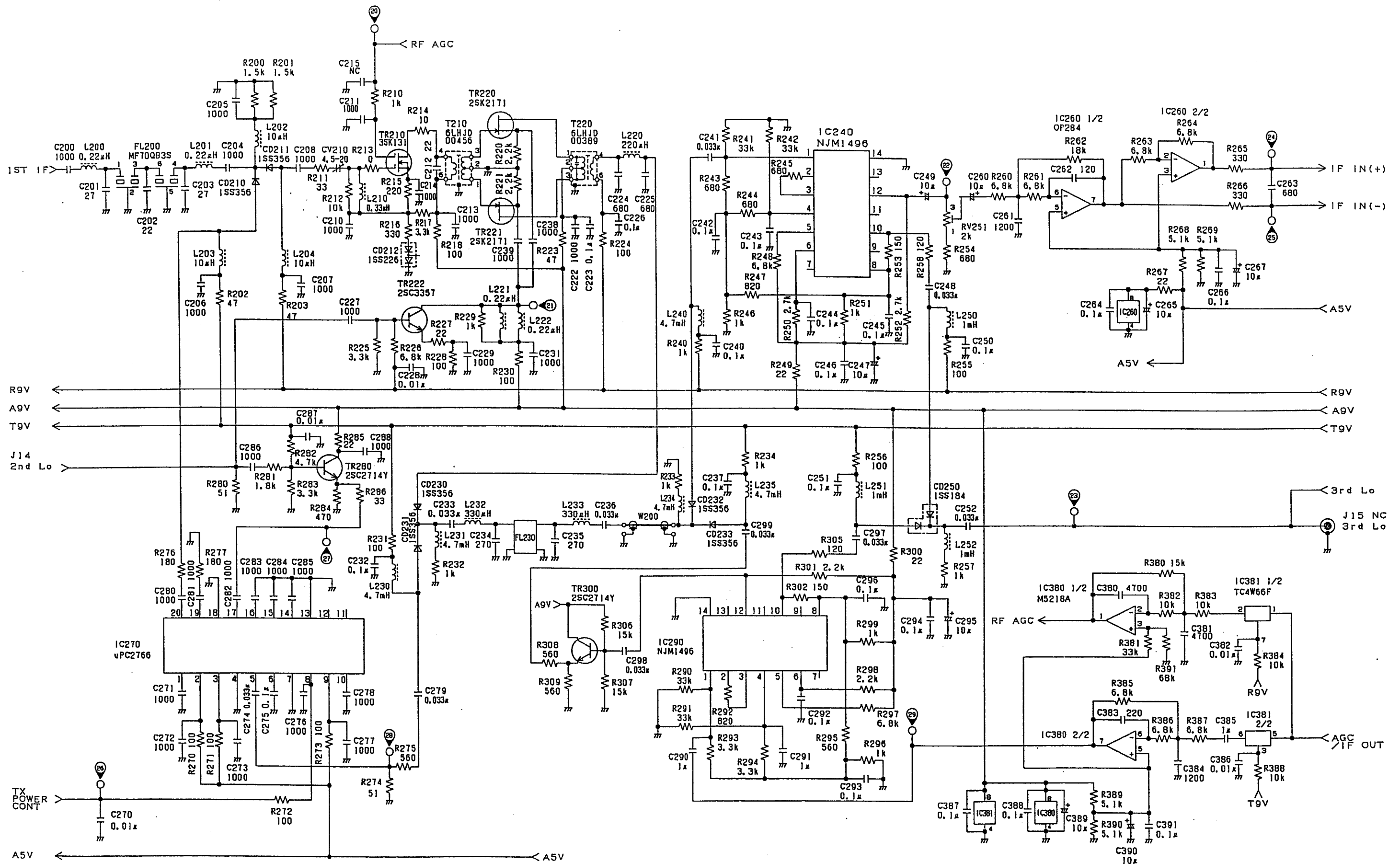




- IC1: HD6413007F20
- IC2: MBM29F4008C-90PFTN
- IC3: H-6DDJ000024
- IC4: MSM6775TS-K
- IC5: M51953BFP
- IC6: TK11818M
- IC7: MAX9225E
- IC8: T062003AF
- IC9: TC4581F
- IC10: TC74HC4050AFT
- IC11: TC74VHC04FT
- IC12: TC74HC4053AFT
- IC13: NJM2902V
- IC14: NJM2902V
- IC15: TC74HC4050AFT
- IC16: TC74HC4050AFT
- IC17: TC74HC4050AFT
- IC18: TC74HC4050AFT
- IC19: TC74HC4050AFT
- IC20: NJM2904V
- IC21: NJM2903V
- IC22: M51953BFP
- IC23: TC4013BP
- IC24: NJM2902V
- IC25: NJM7805FA
- IC26: NJM7805FA
- IC27: AN77L06M
- IC28: AT-51

NOTE: UNLESS OTHERWISE SPECIFIED ALL CAPACITANCE VALUES ARE 0.01uF
 : No Connected

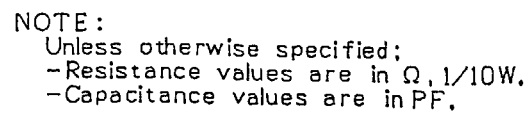




NOTE:
 Unless otherwise specified;
 -Resistance values are in Ω , 1/10W.
 -Capacitance values are in PF.

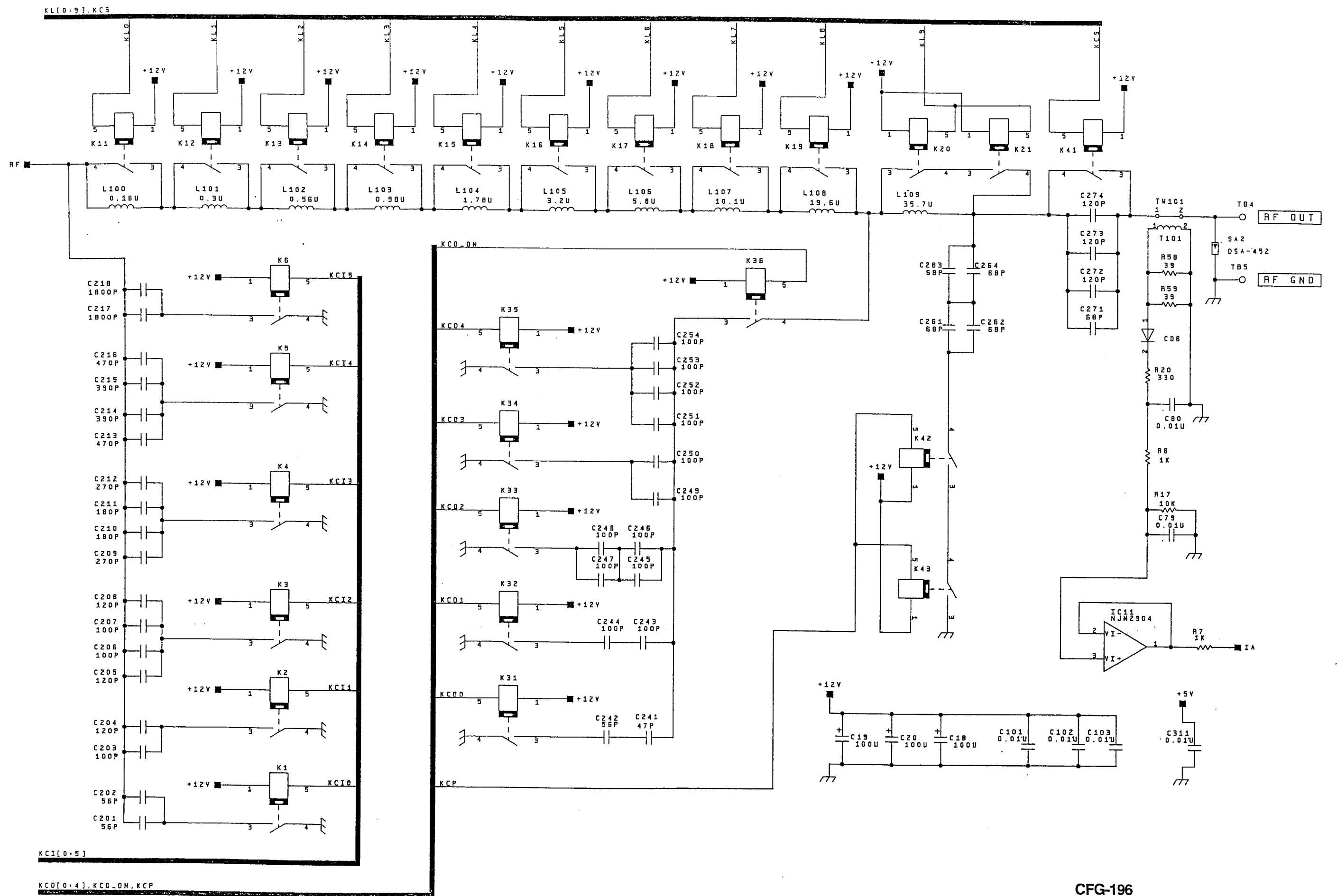
CMN-1960
 TRX UNIT

(2/5)

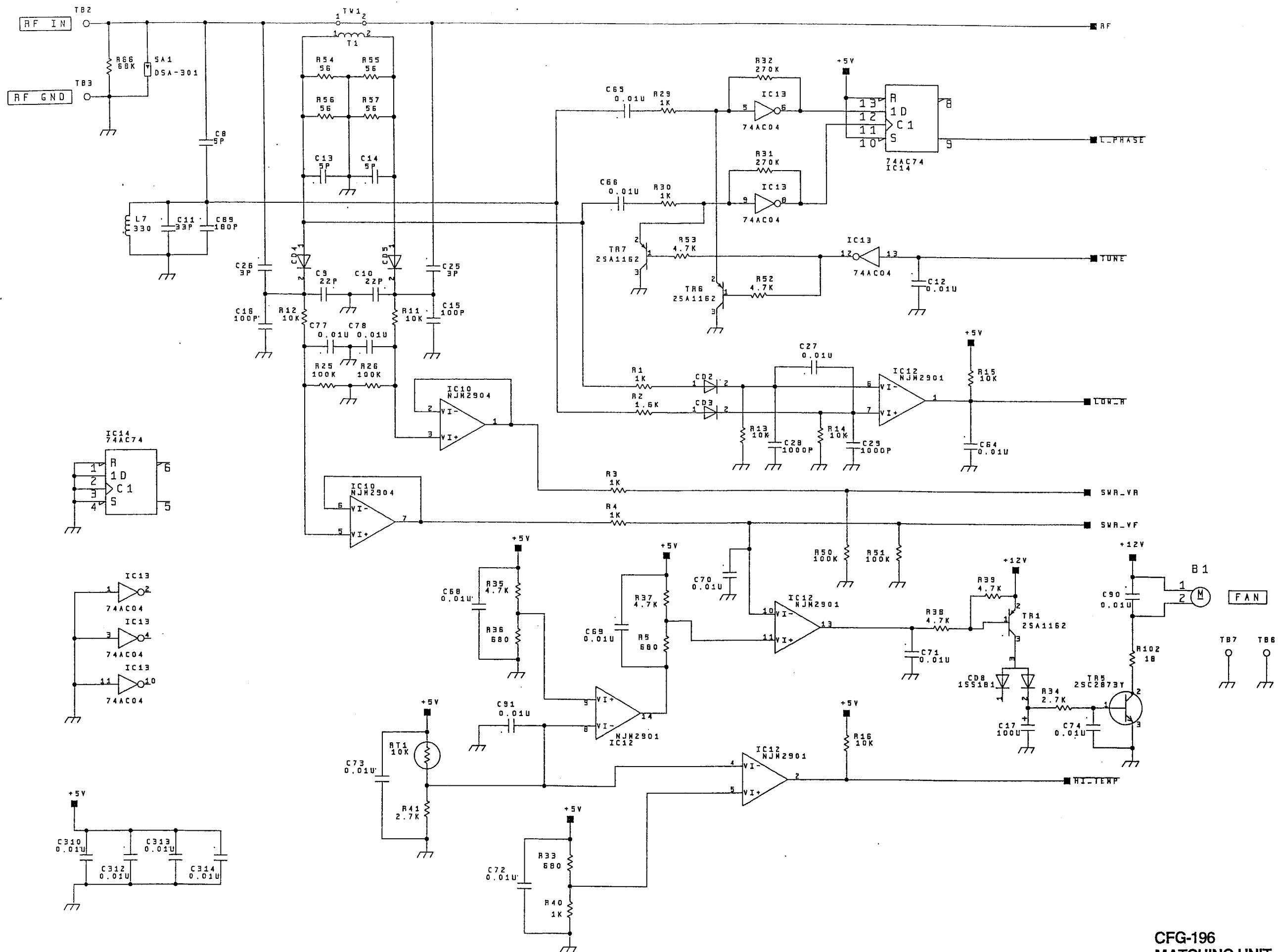


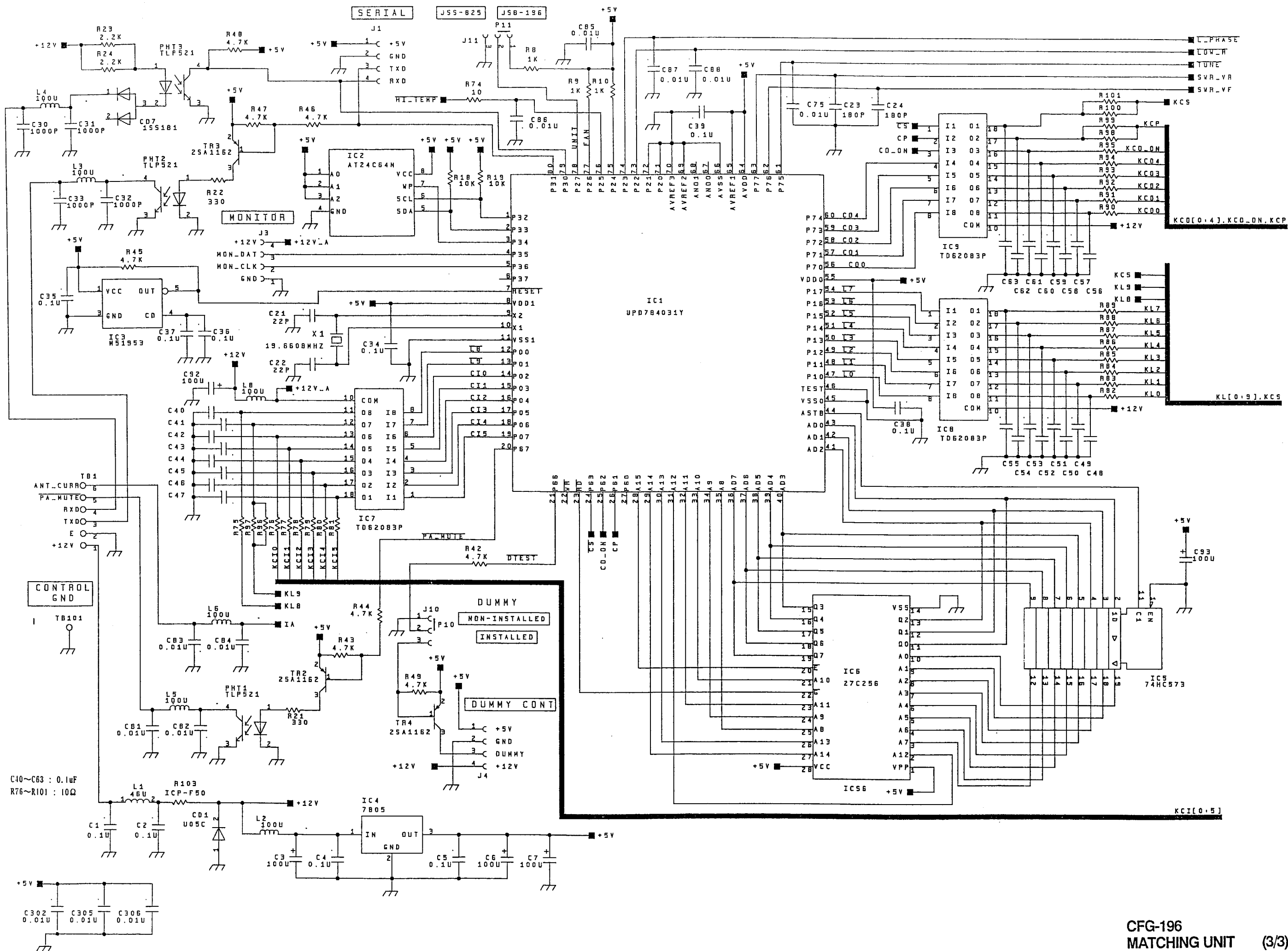


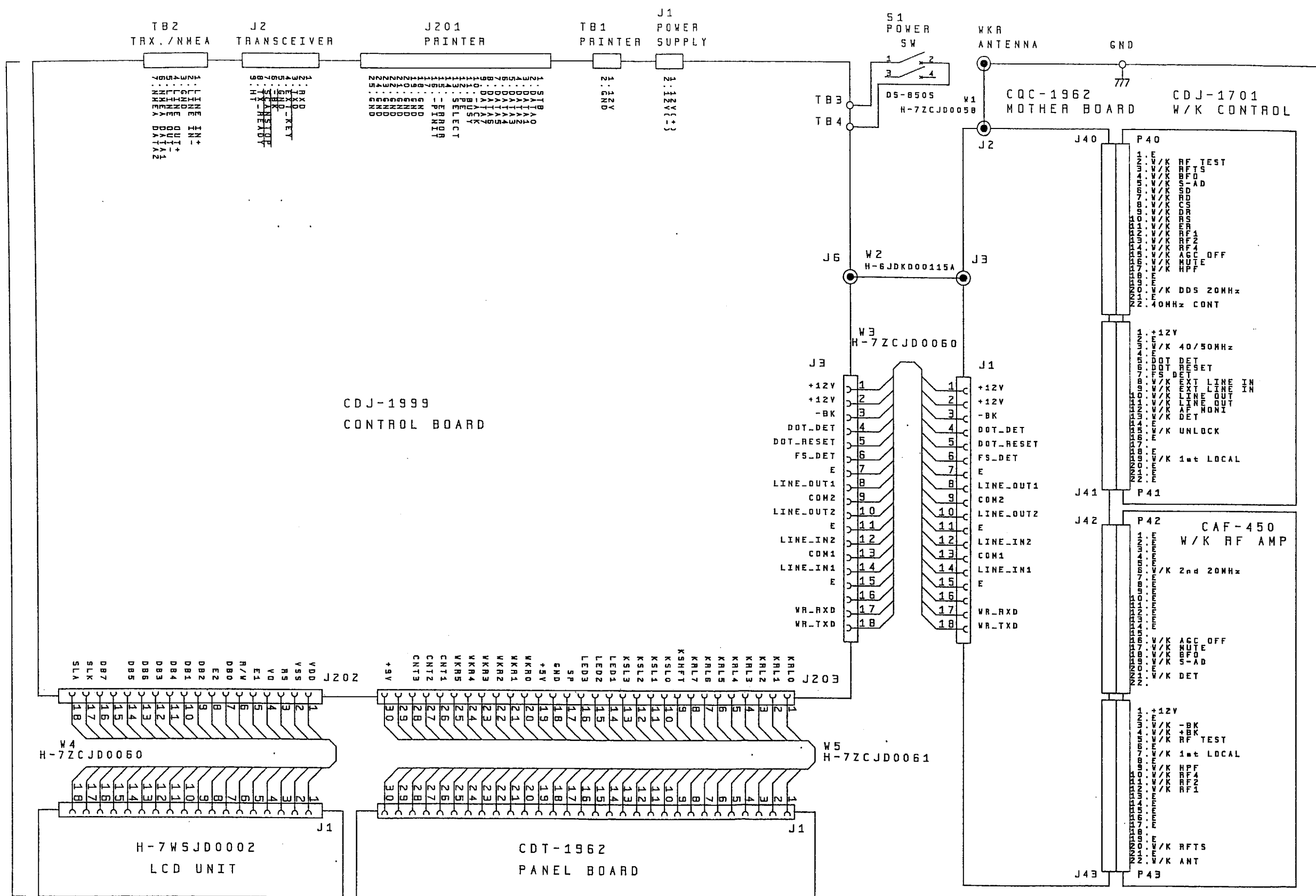


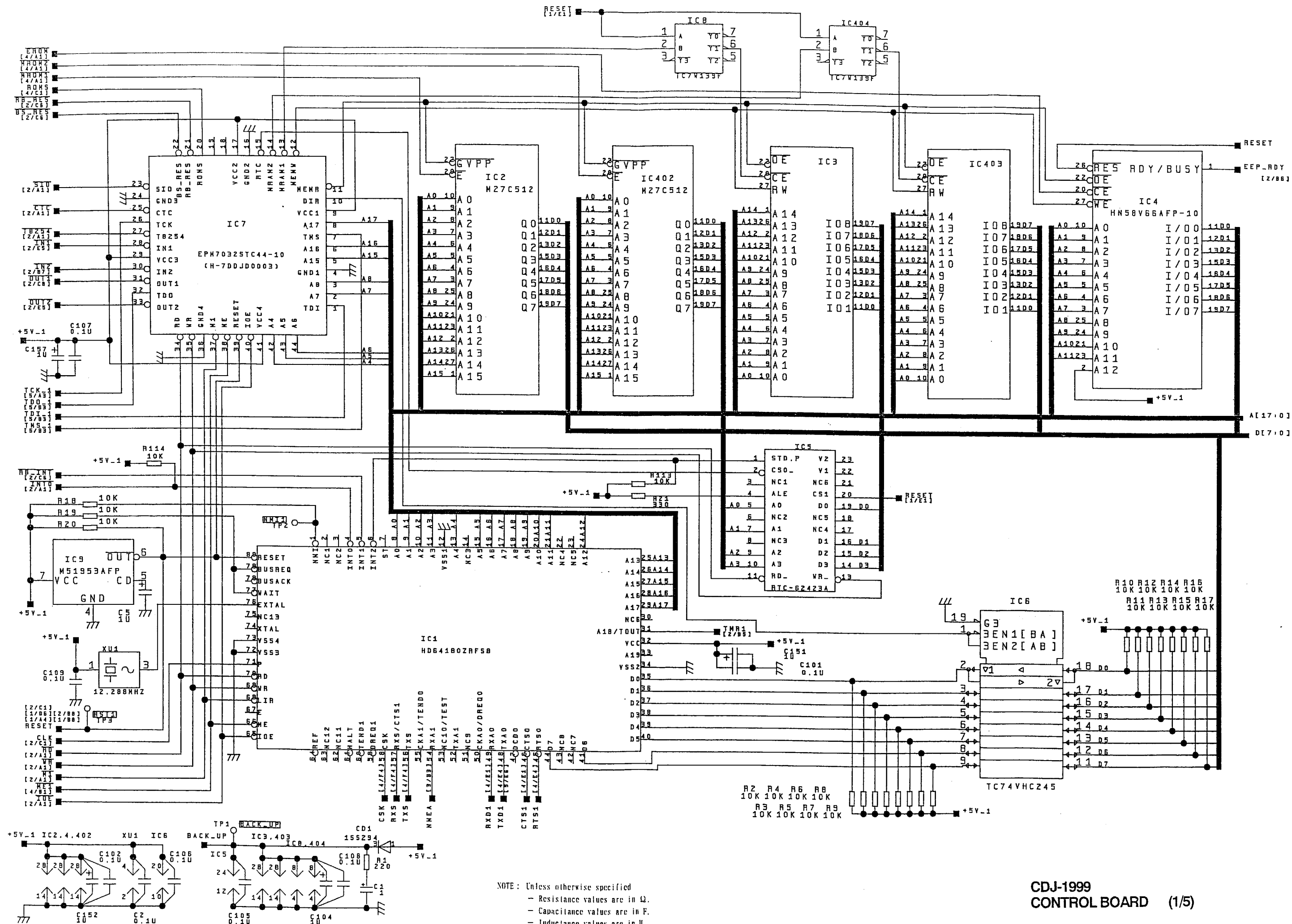


CFG-196
MATCHING UNIT (1/3)

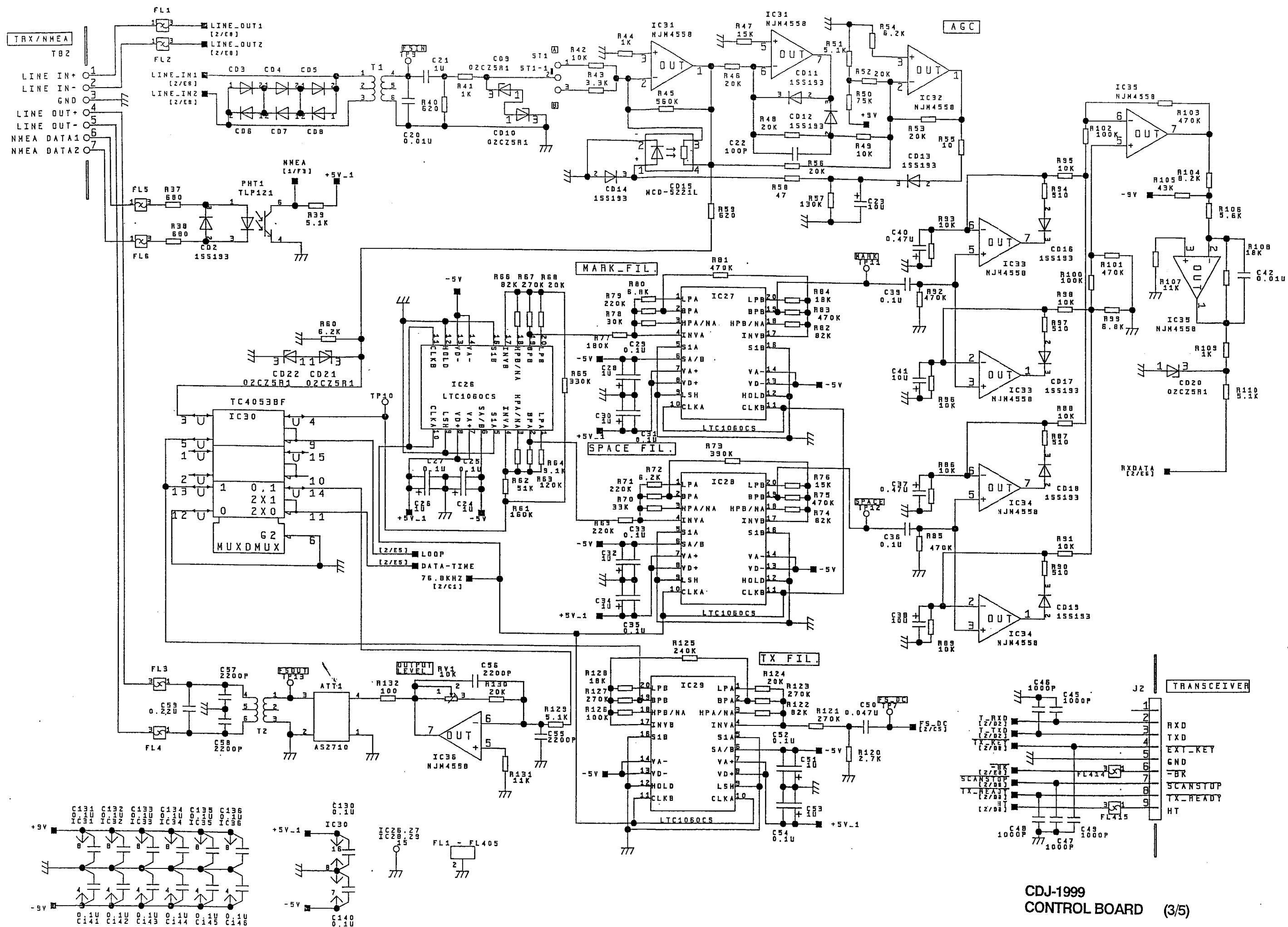


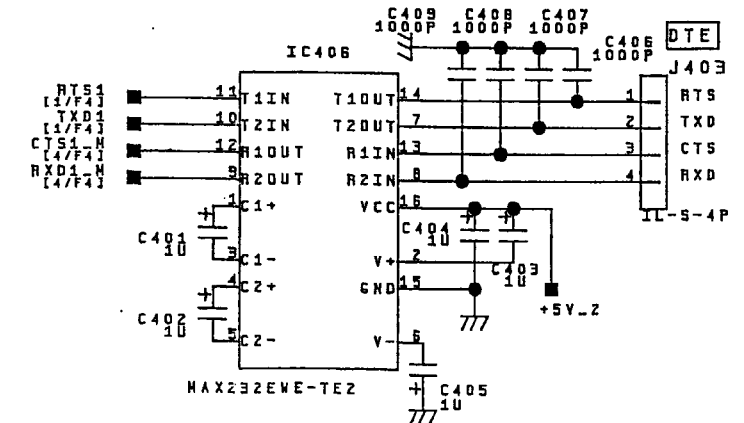
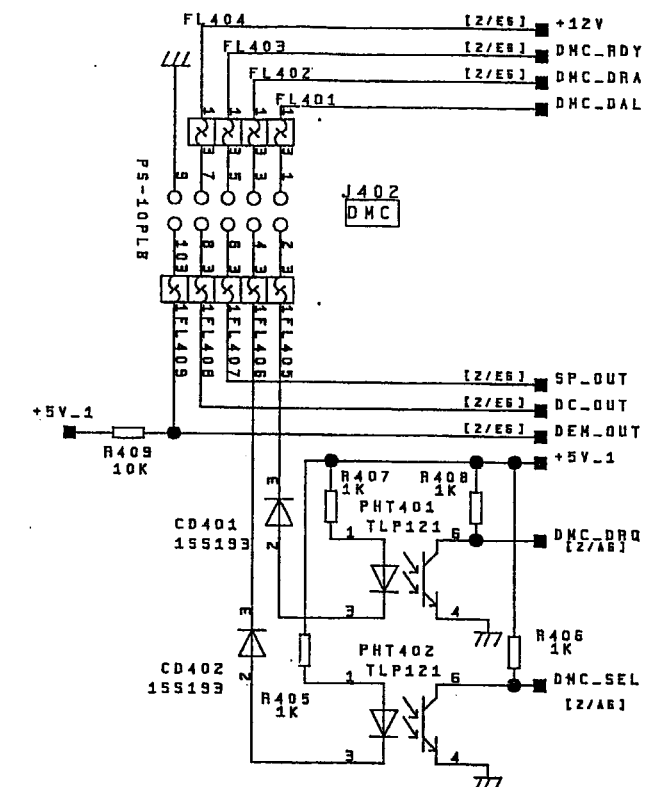
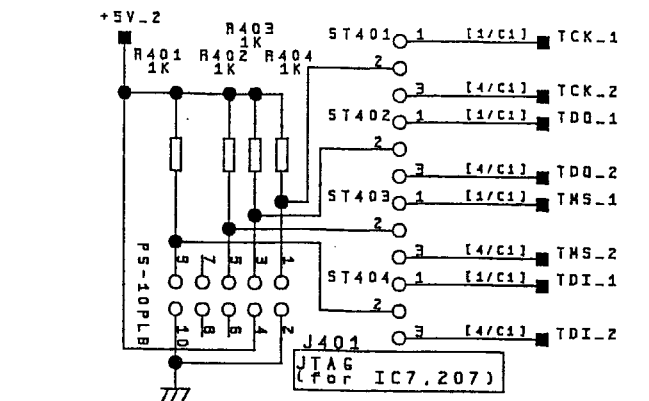
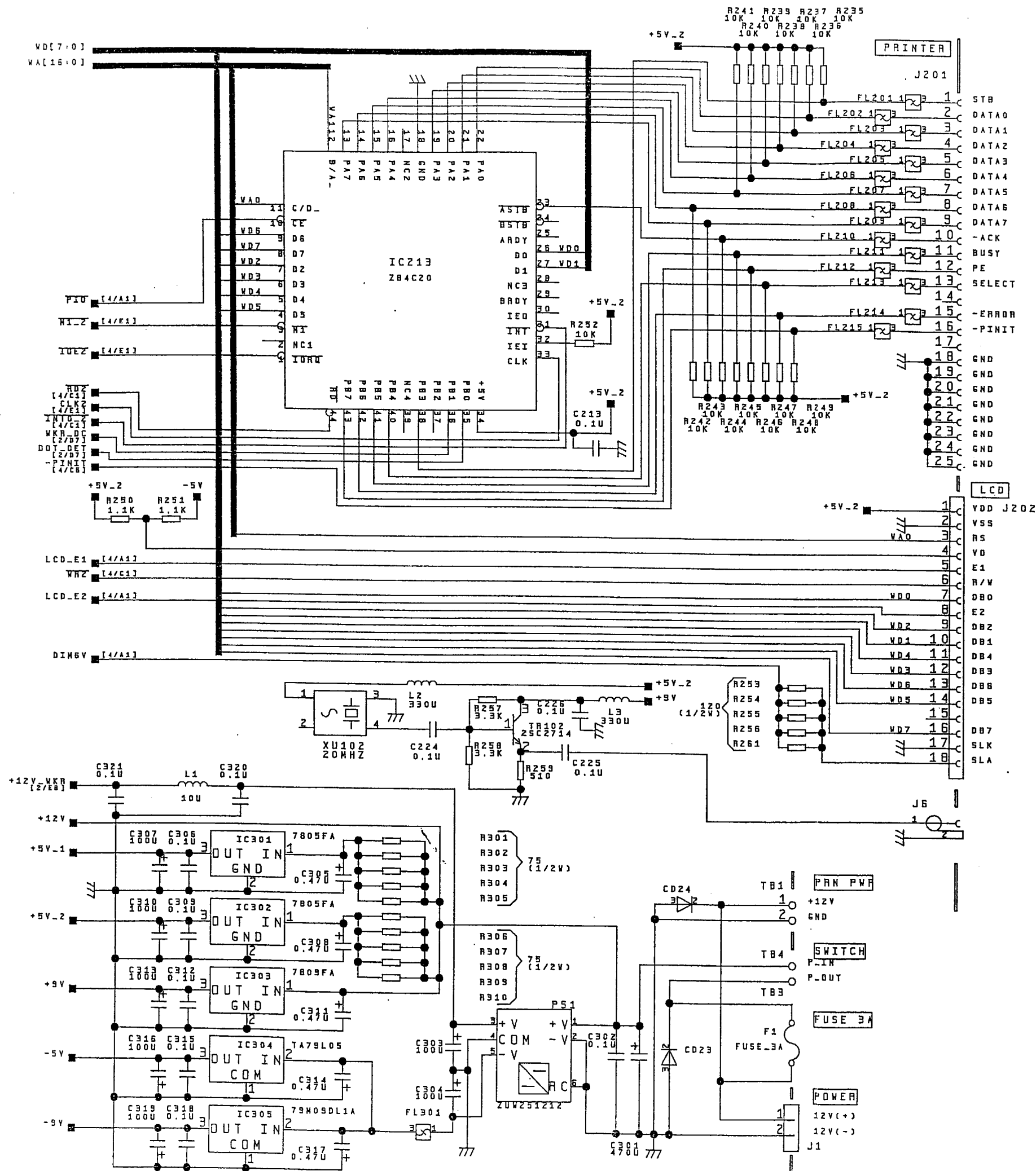


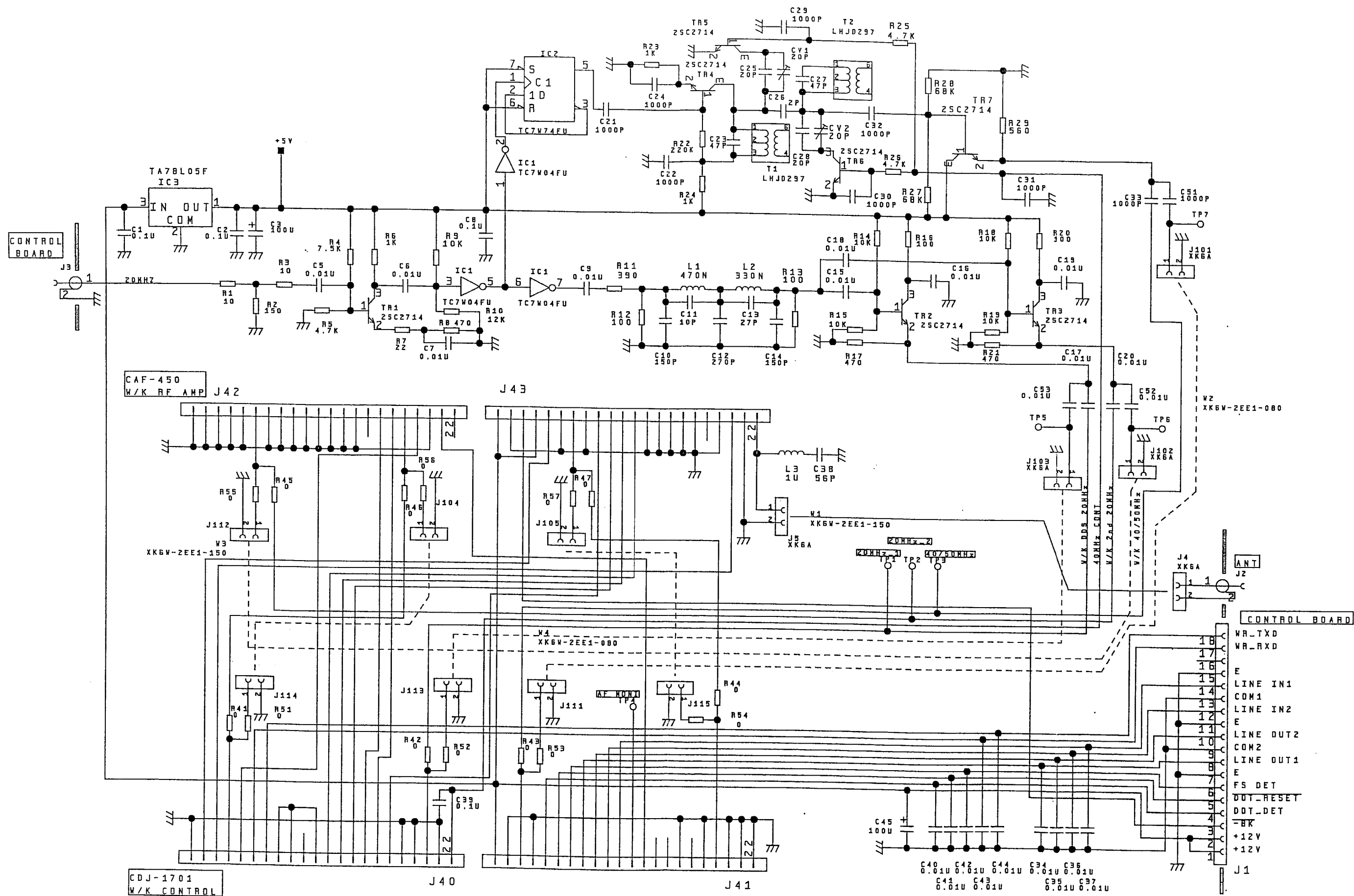




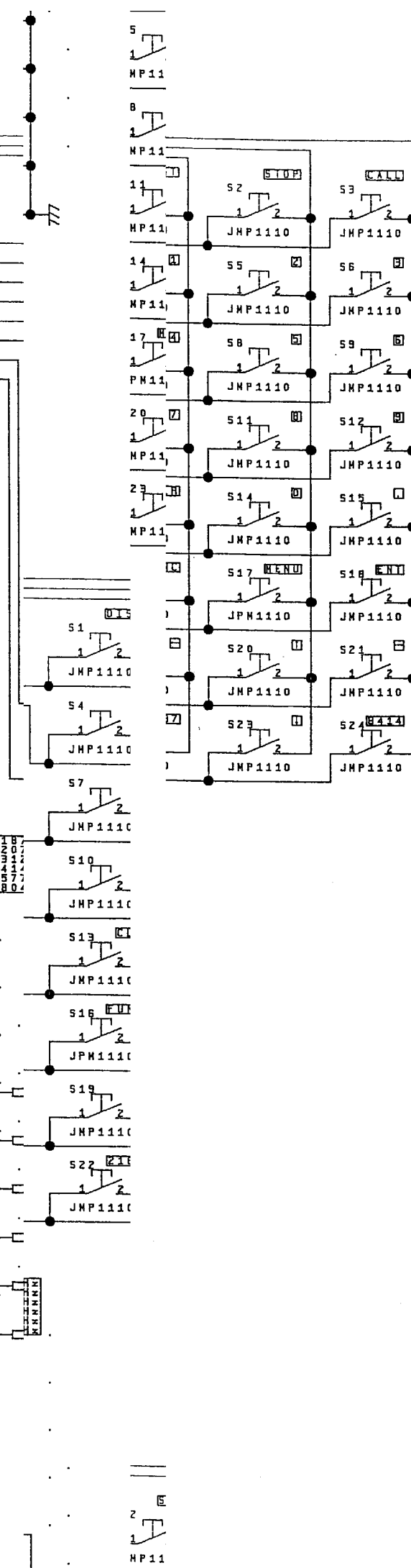


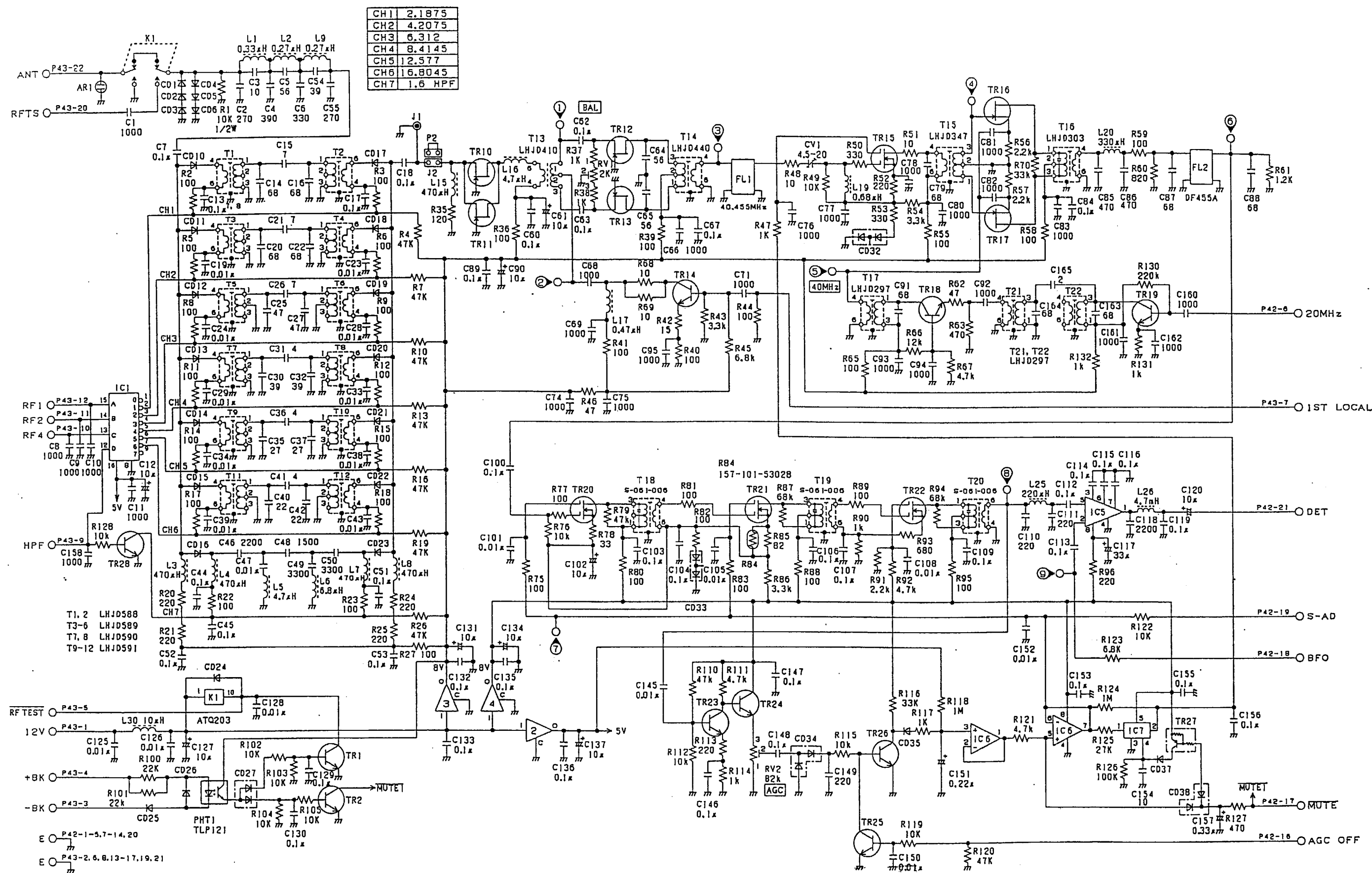




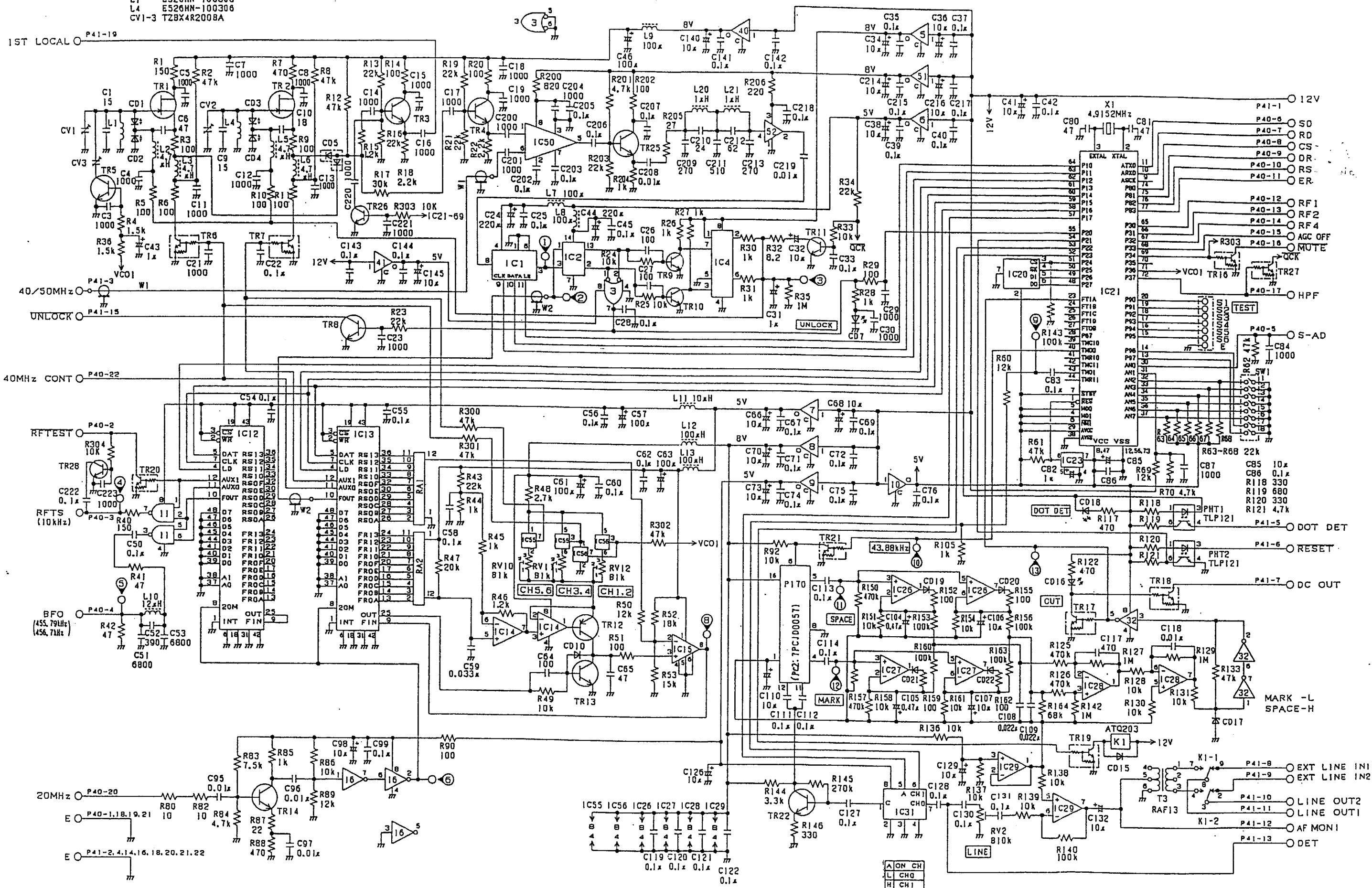


J1



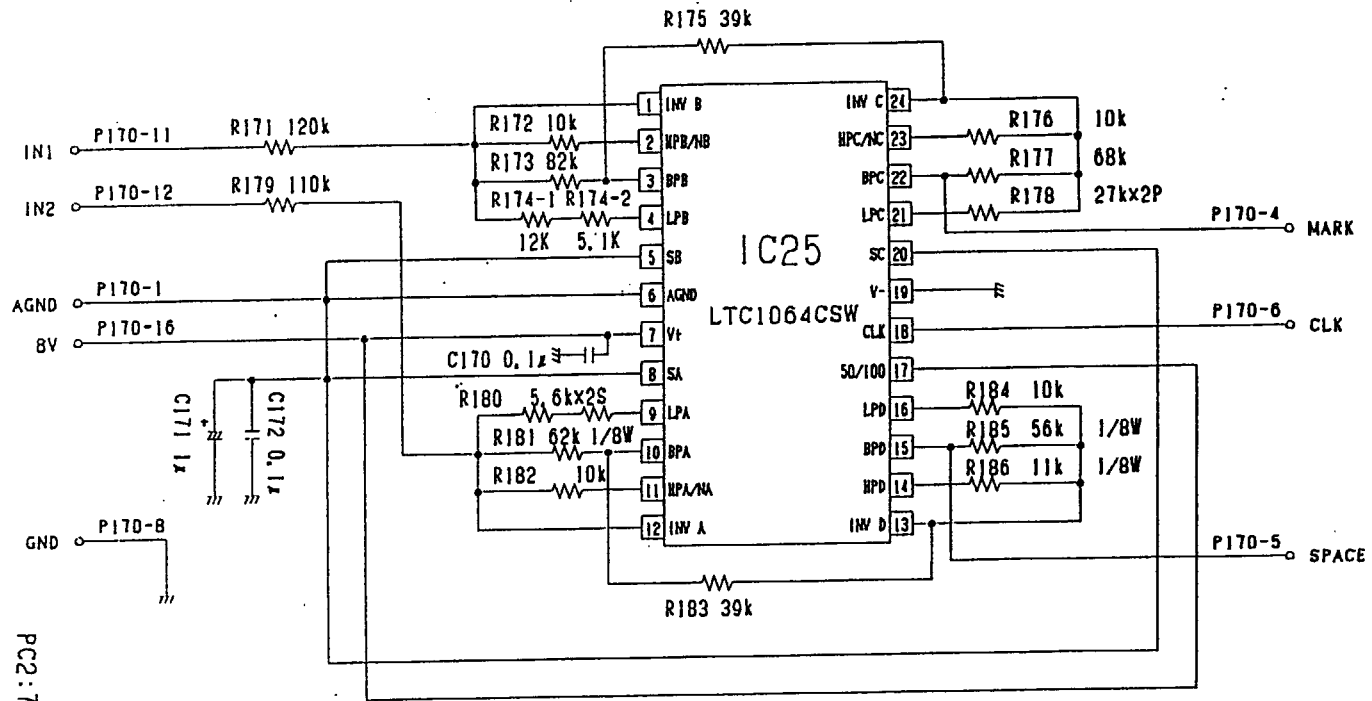


L1 E526HN-100308
L4 E526HN-100306
CV1-3 TZ8X4R2008A

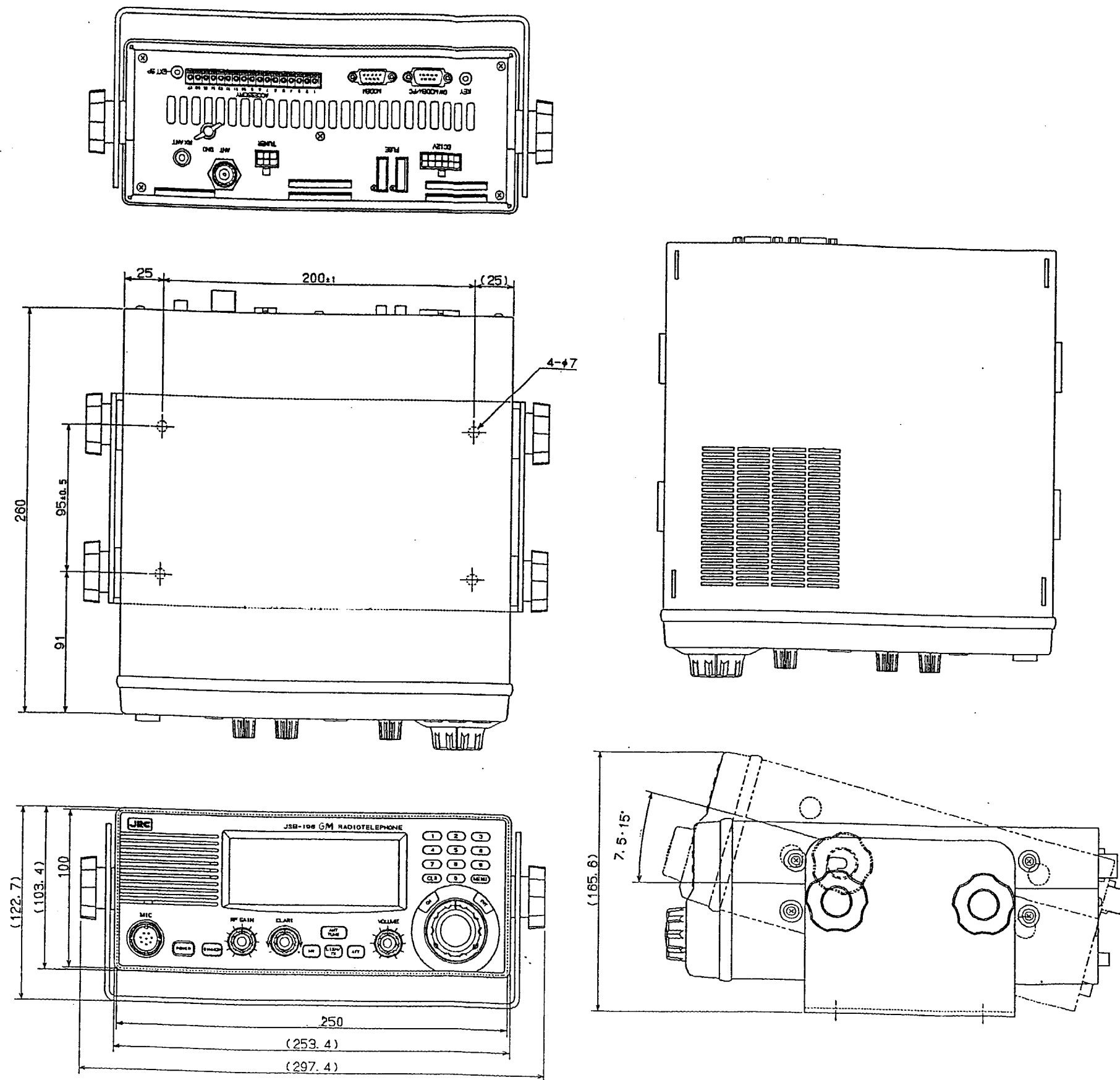


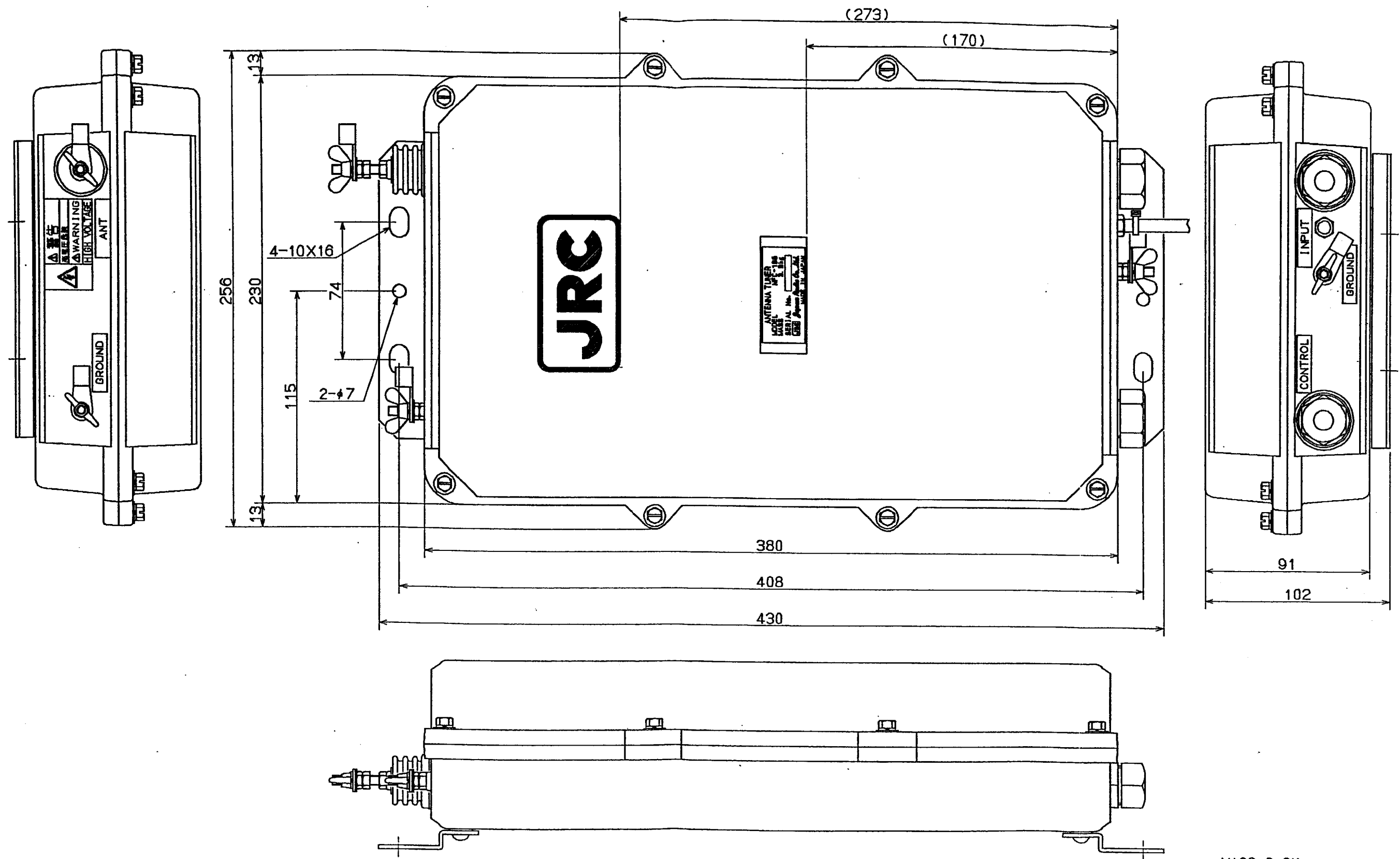
NOTE:
Unless otherwise specified:
-Resistance values are in Ω , 1/10W.
-Capacitance values are in PF.

6PCJ0008898

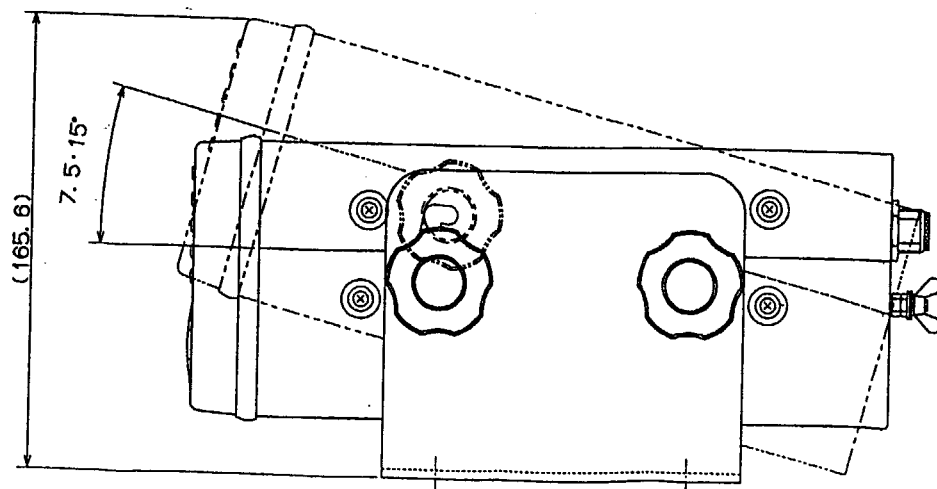
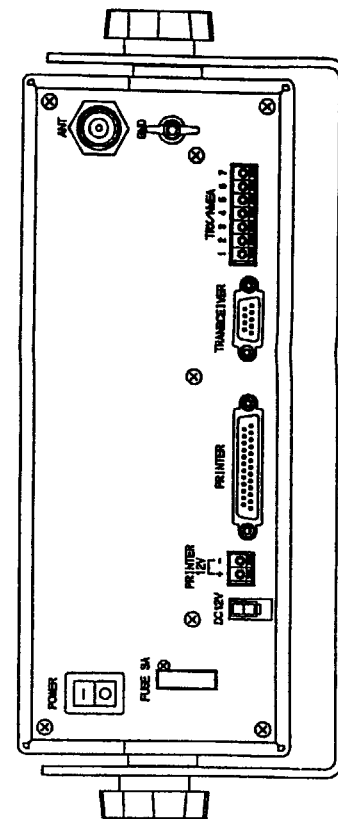
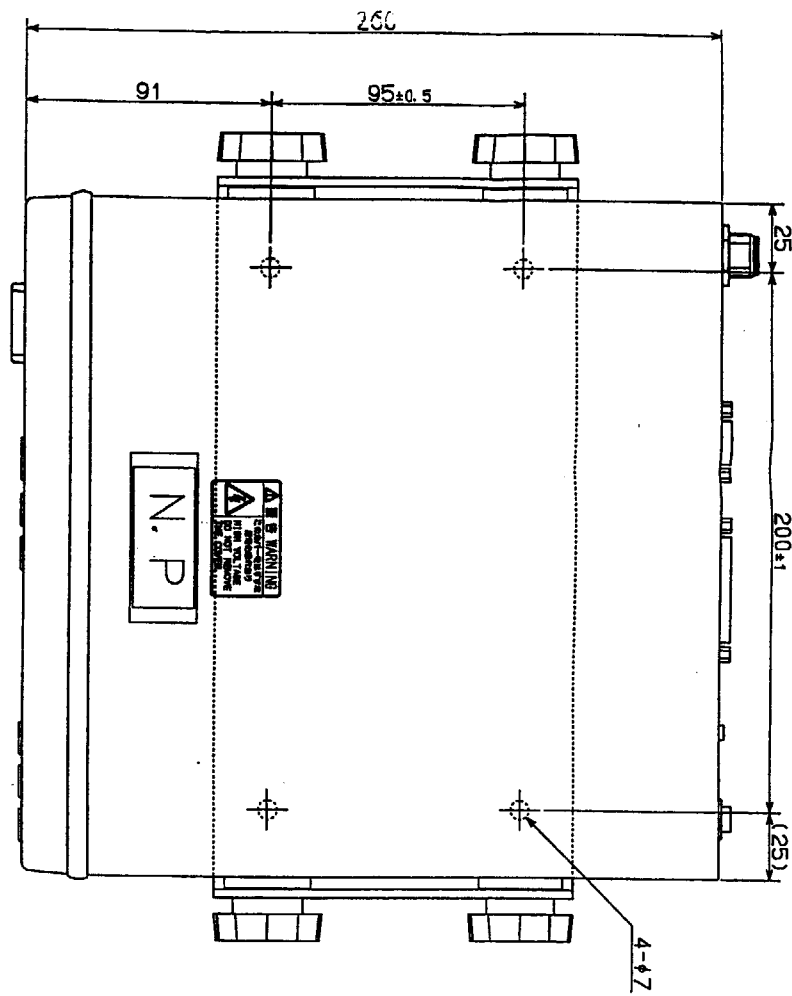
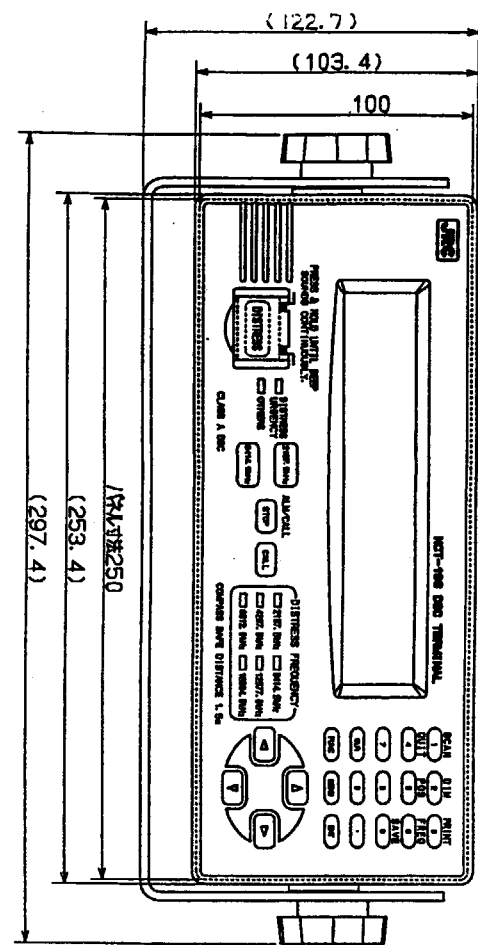


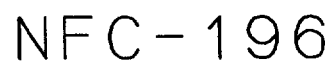
CDJ-1701
 W/K CONTROL



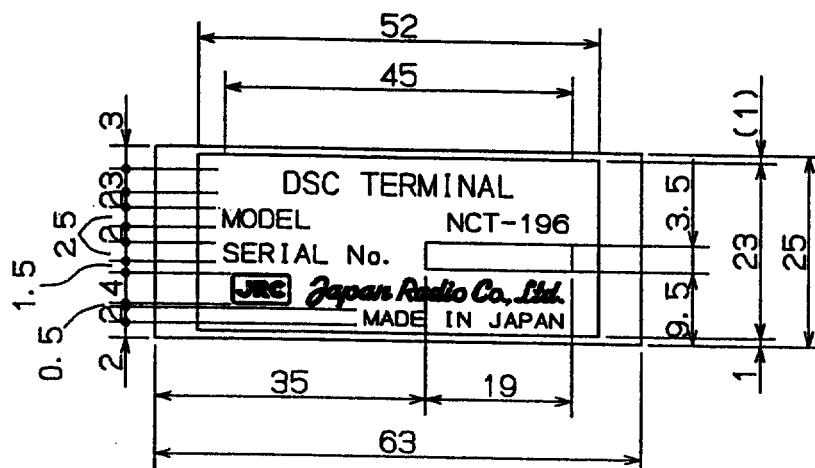


MASS: 3.3Kg

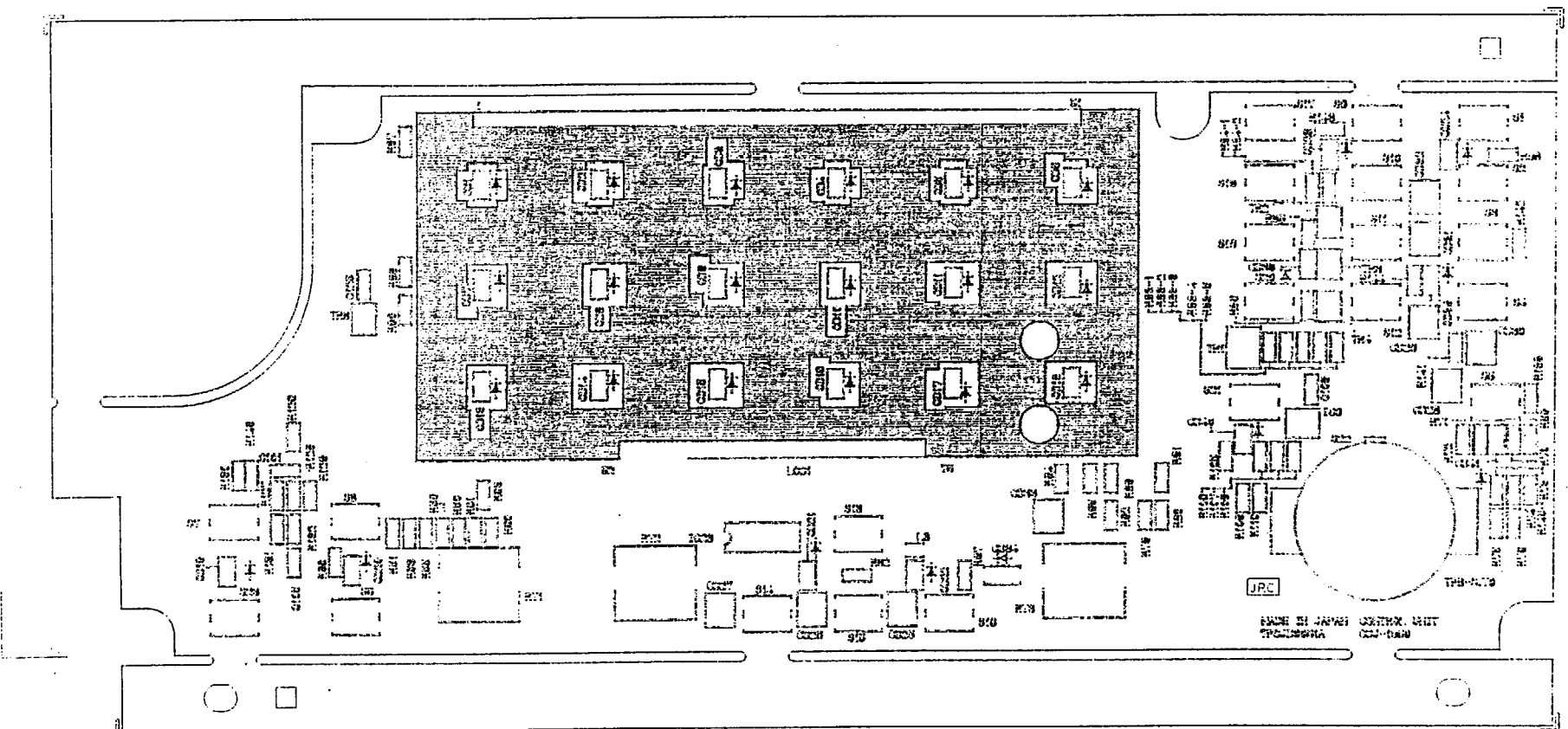


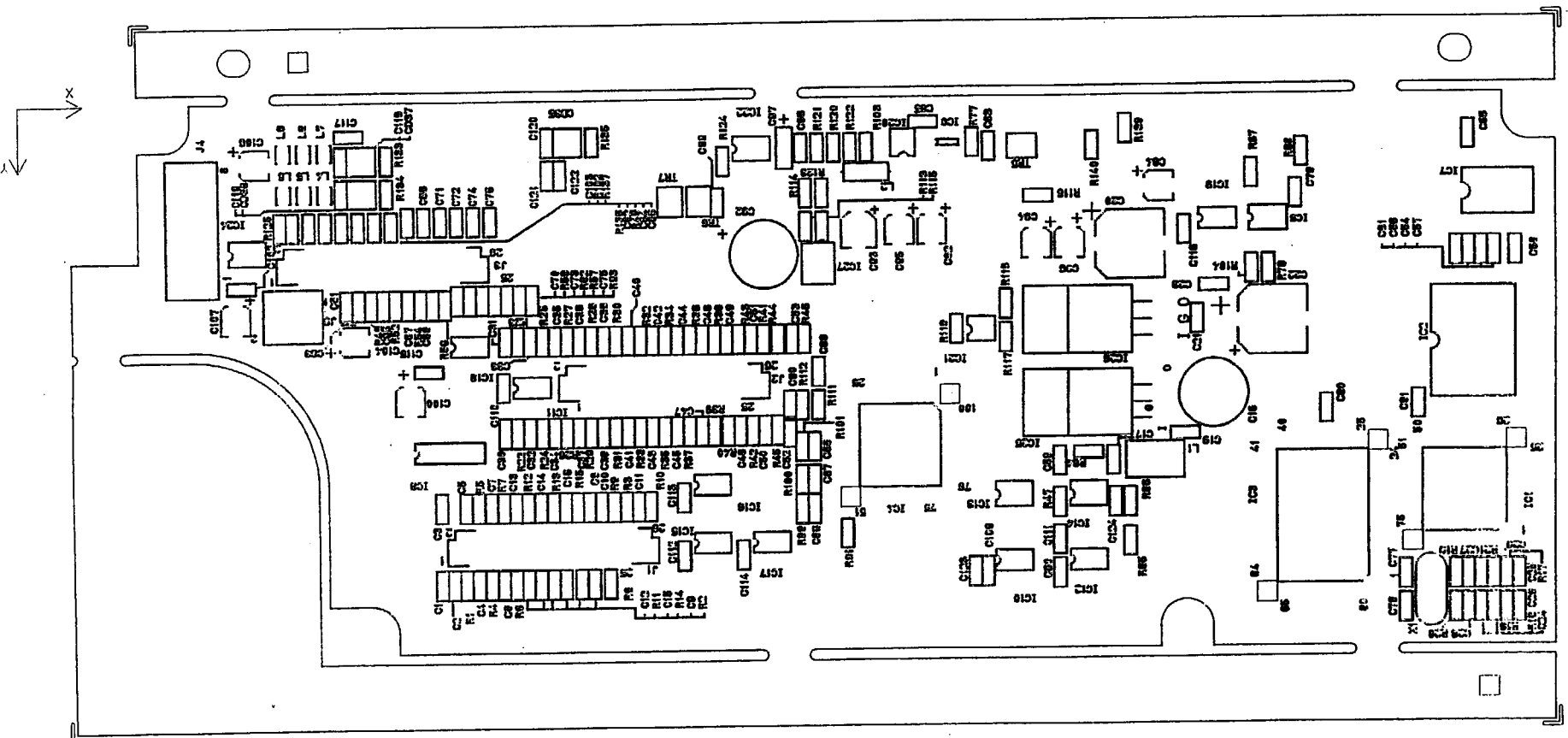


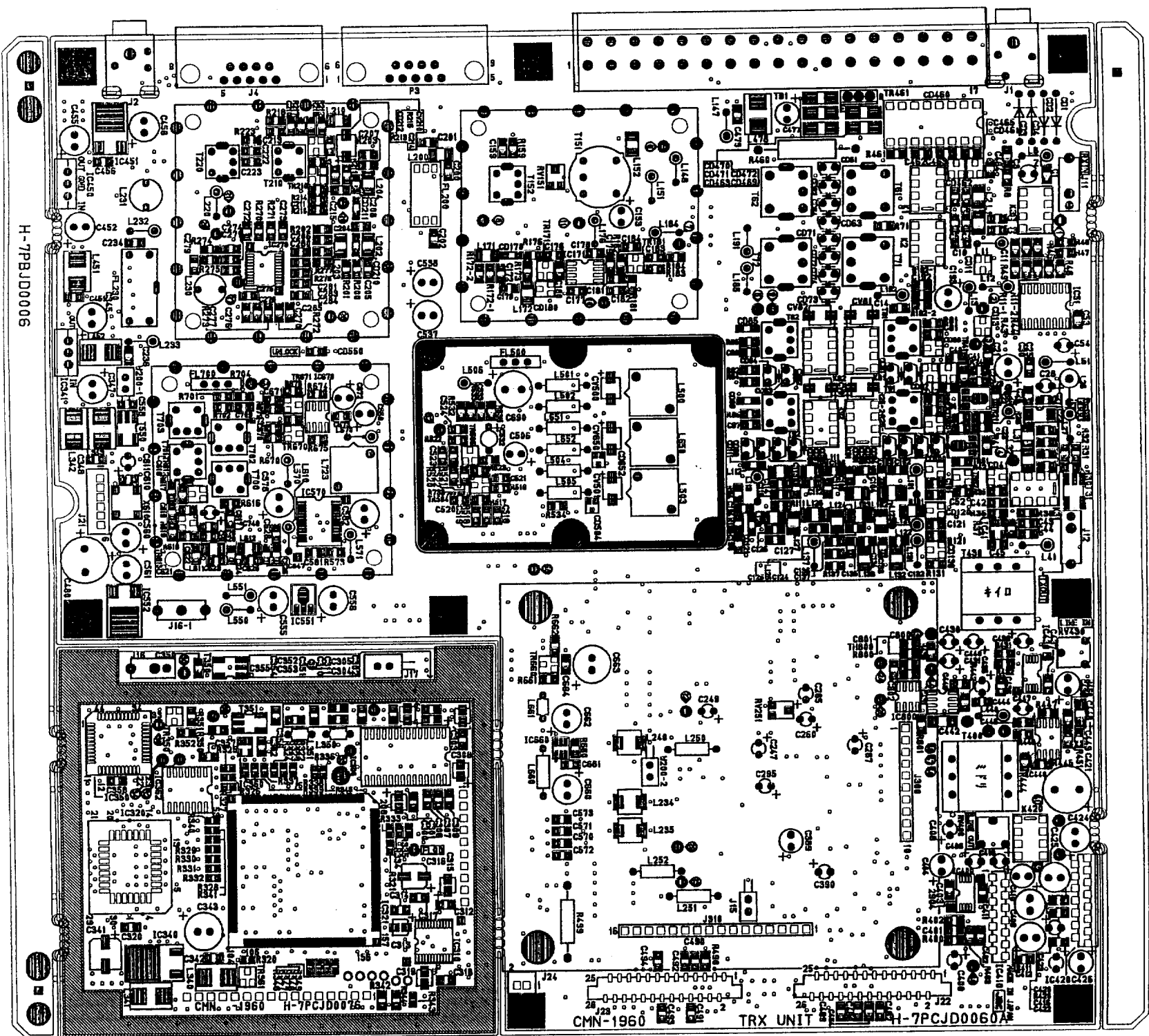
3.1.4 NFC-196 (1/1) NAME PLATE

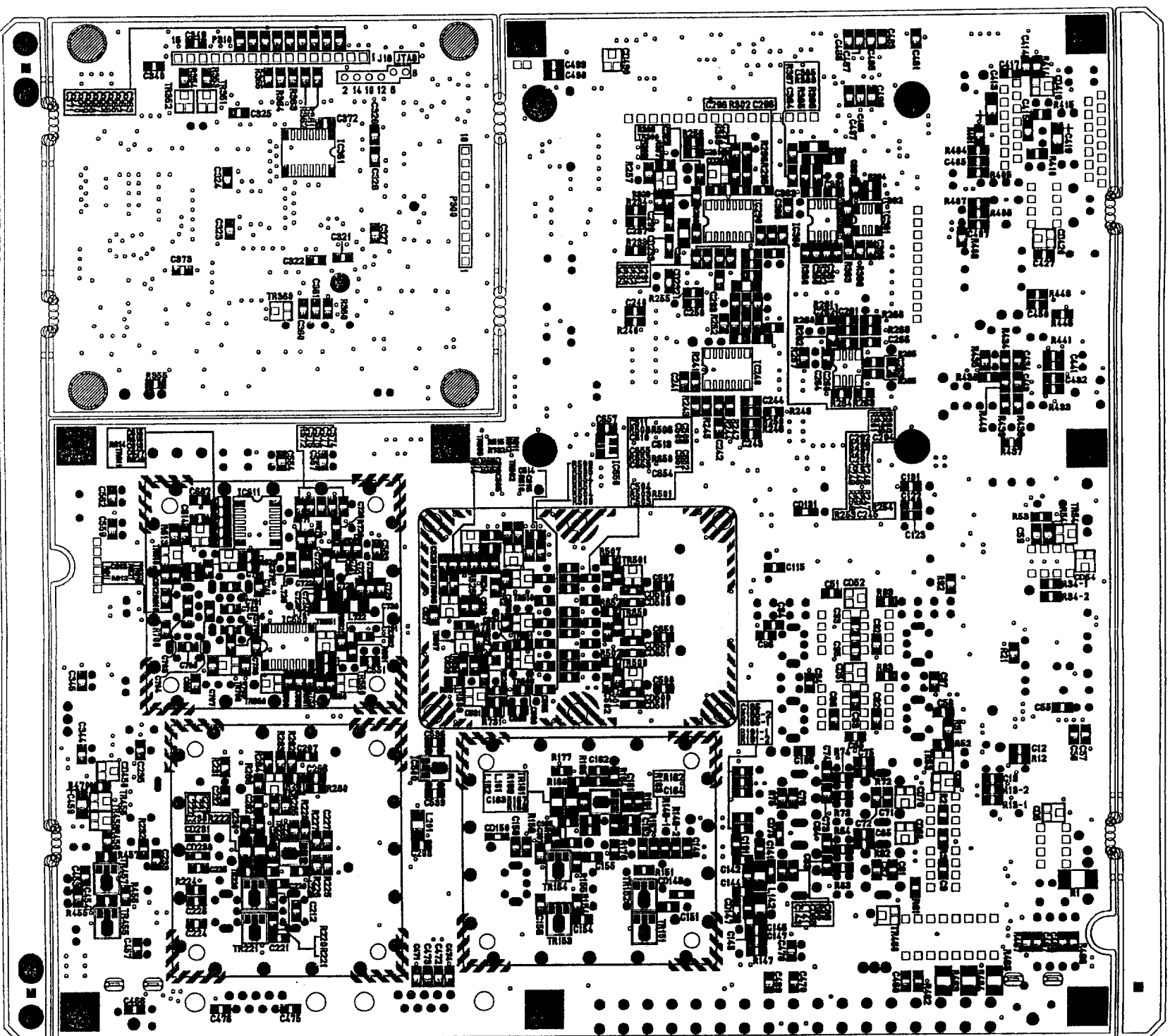


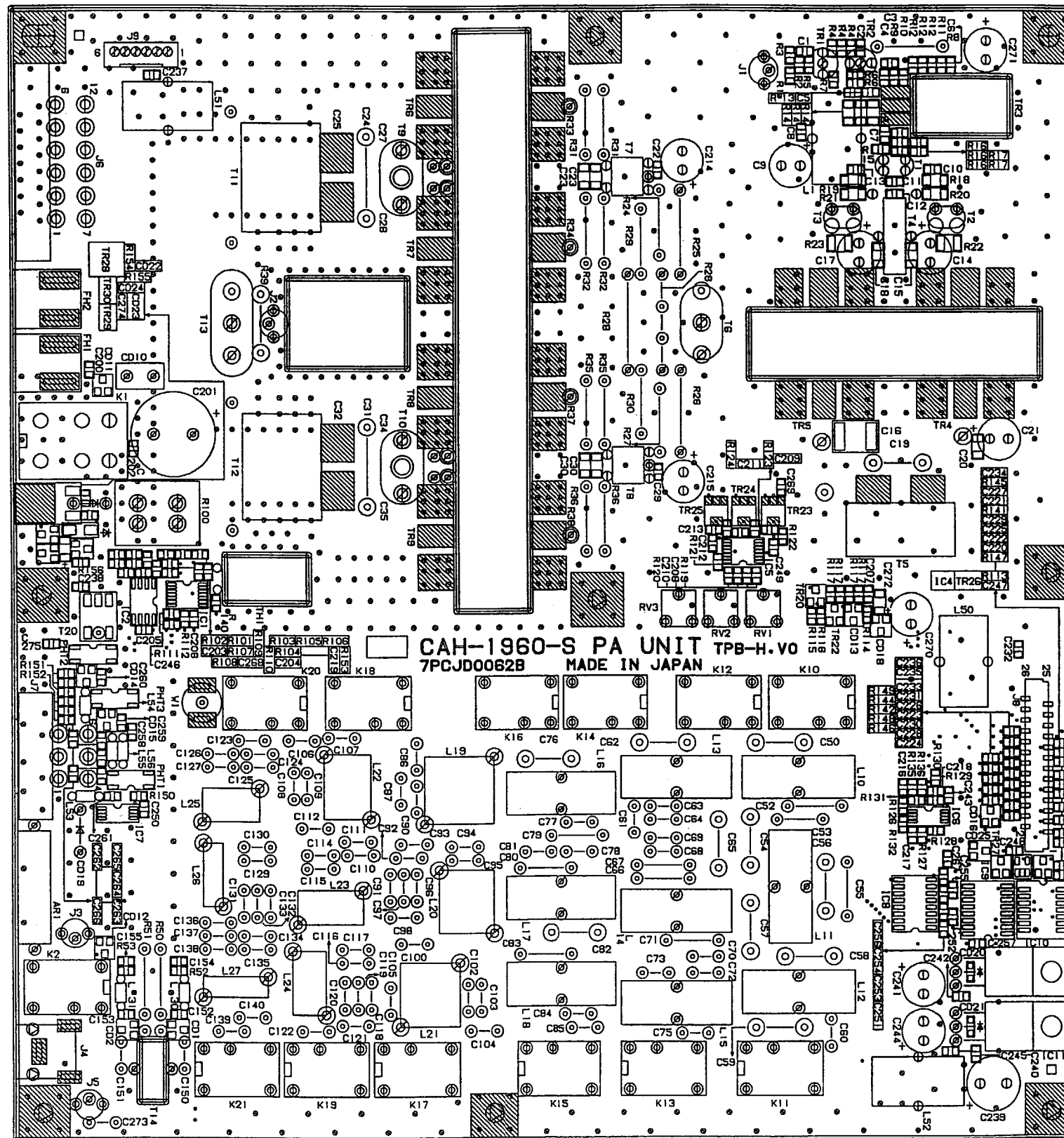
NCT-196



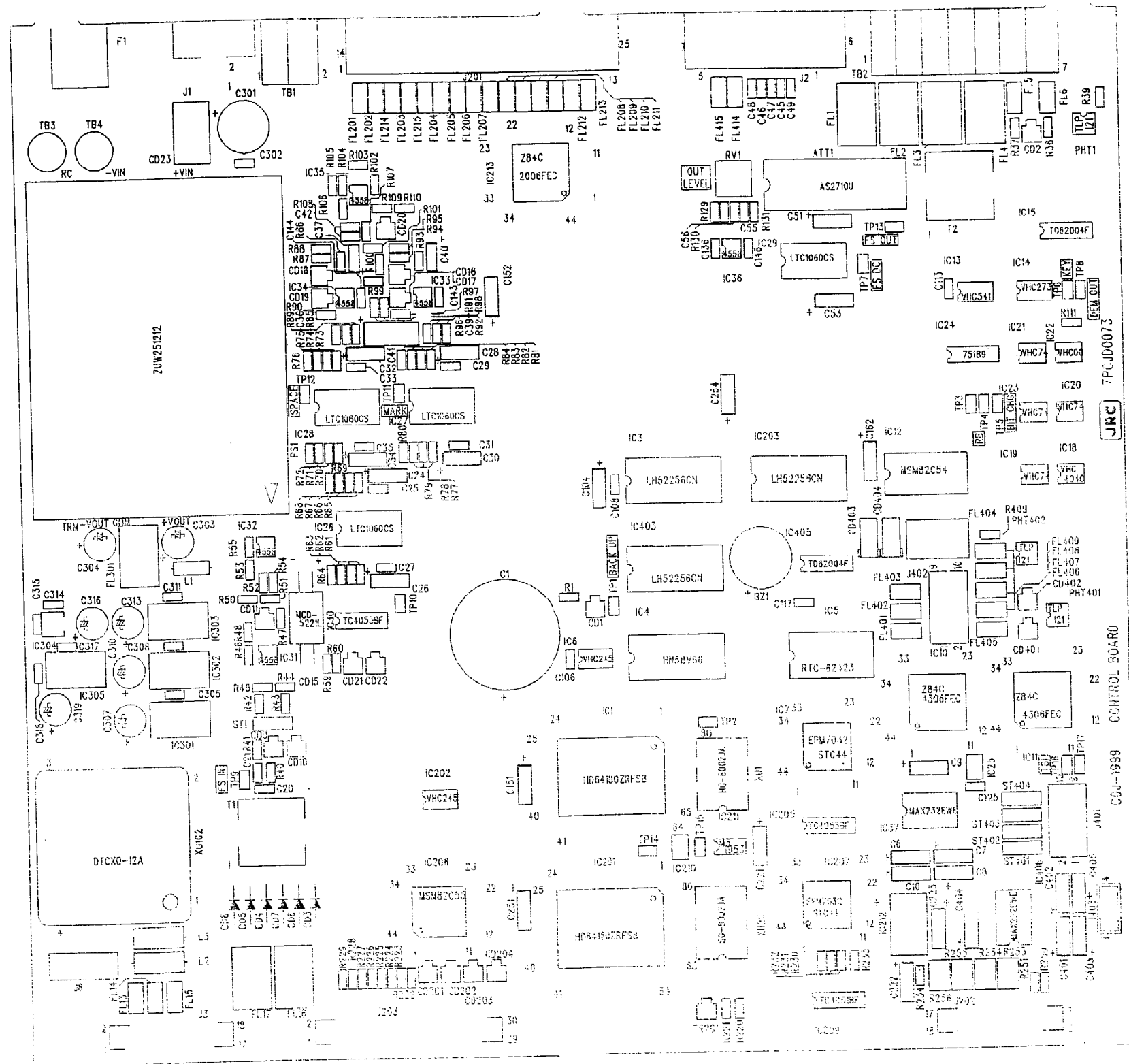


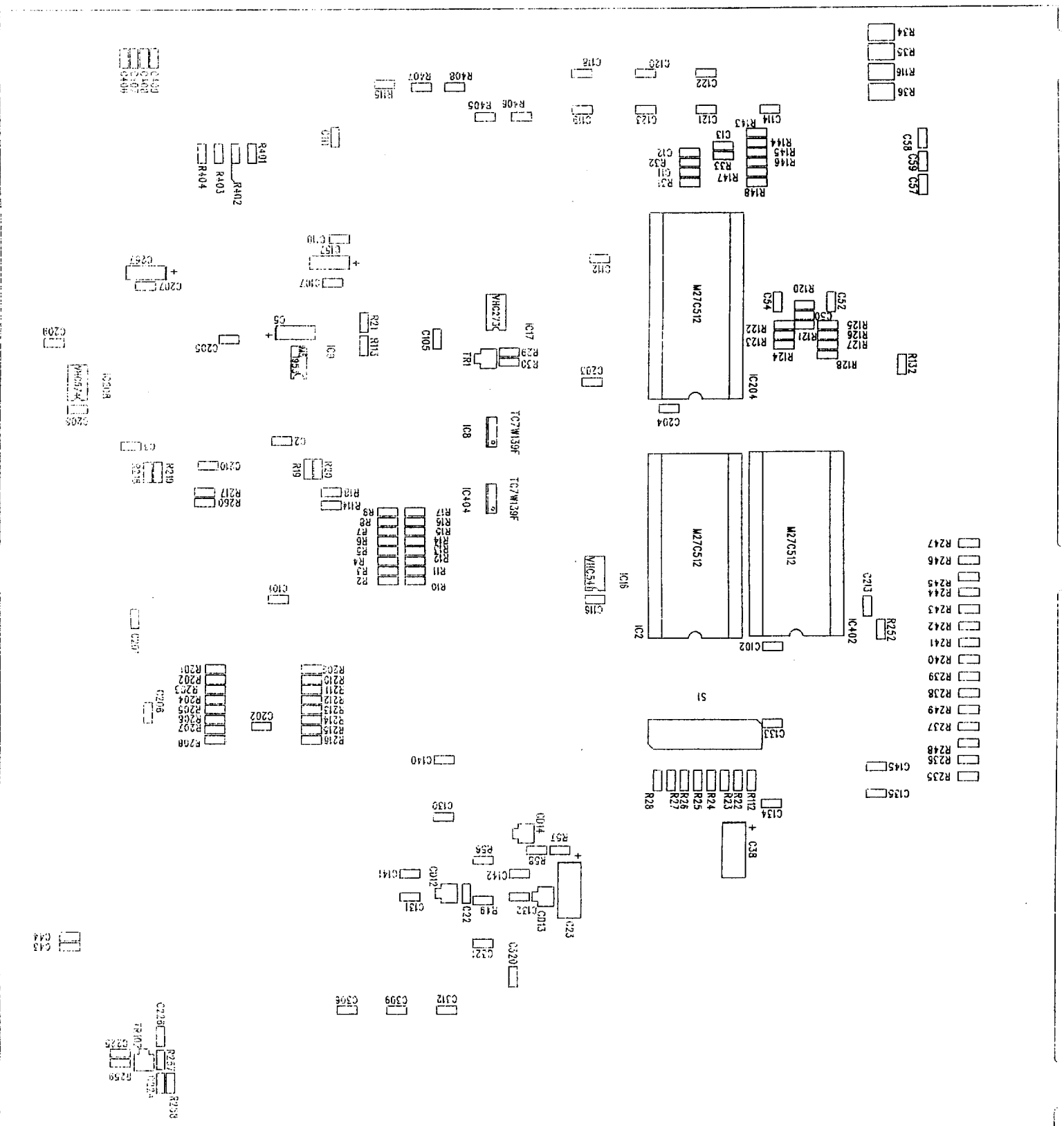




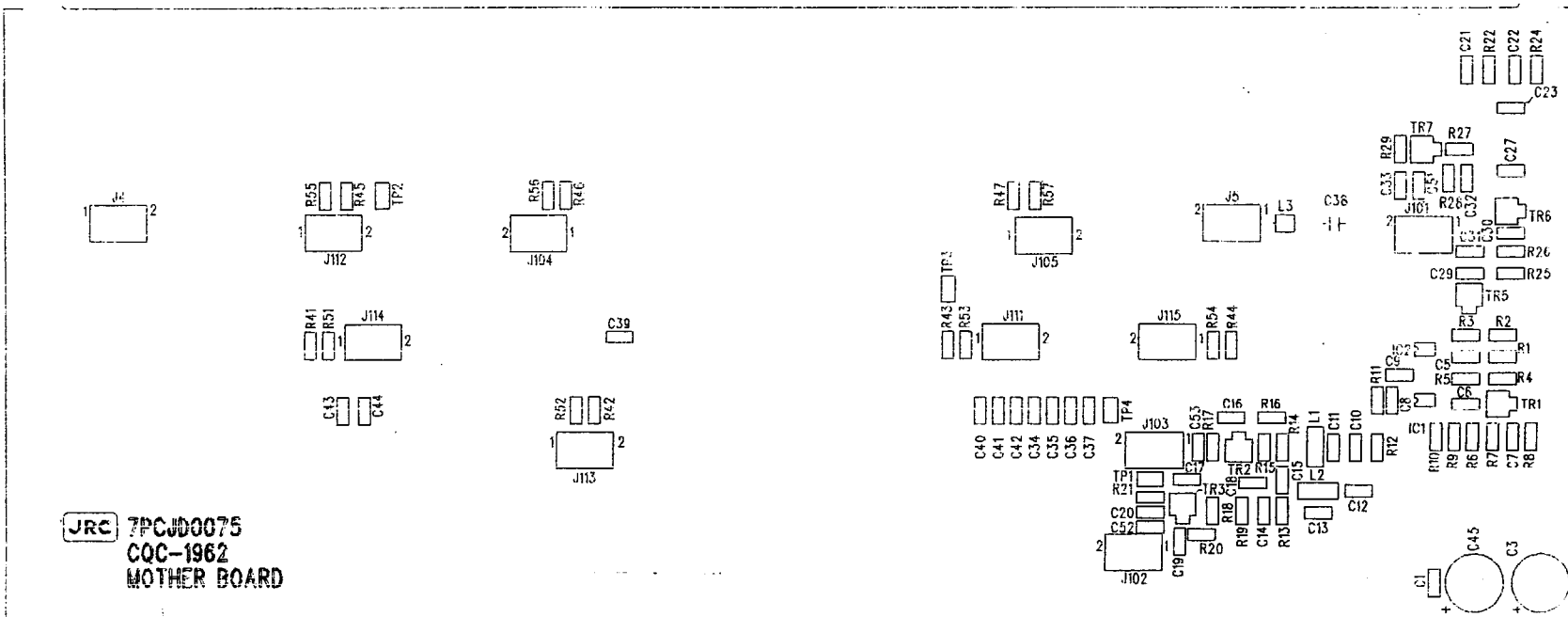


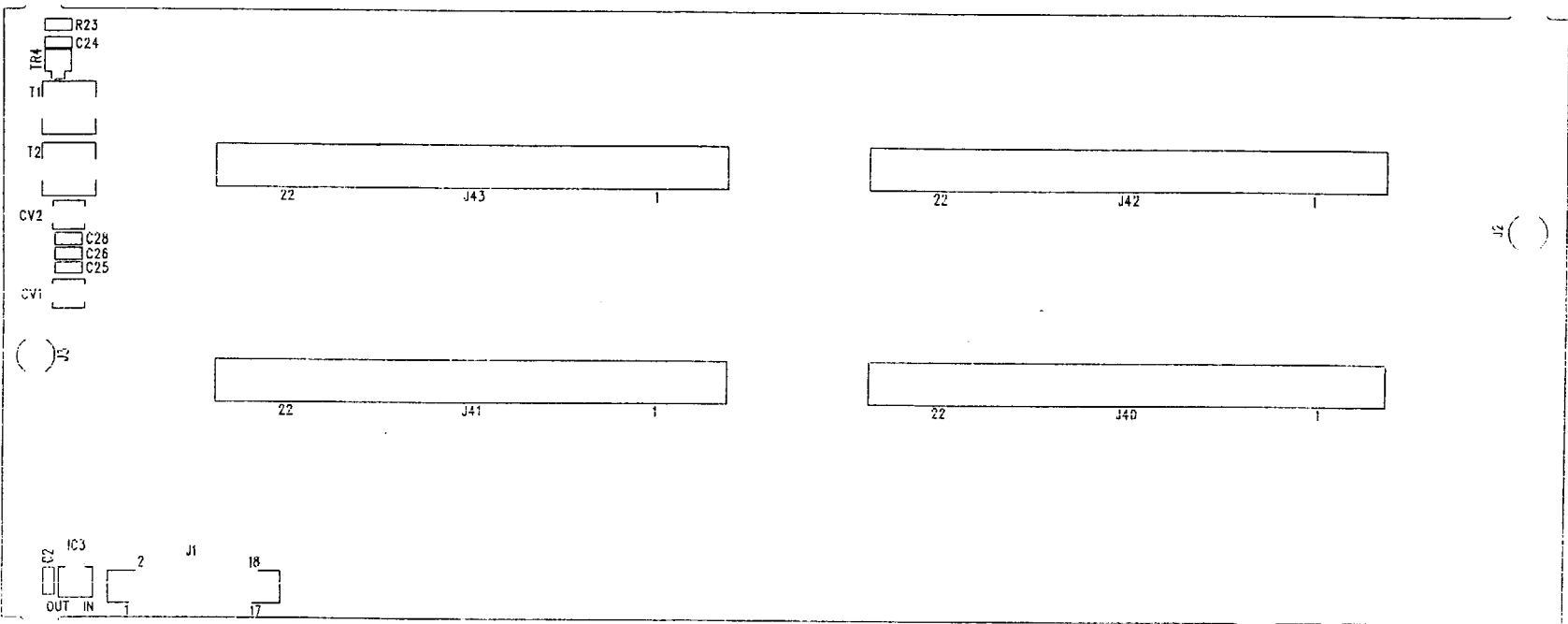
3.2.3 CAH-1960
PA UNIT



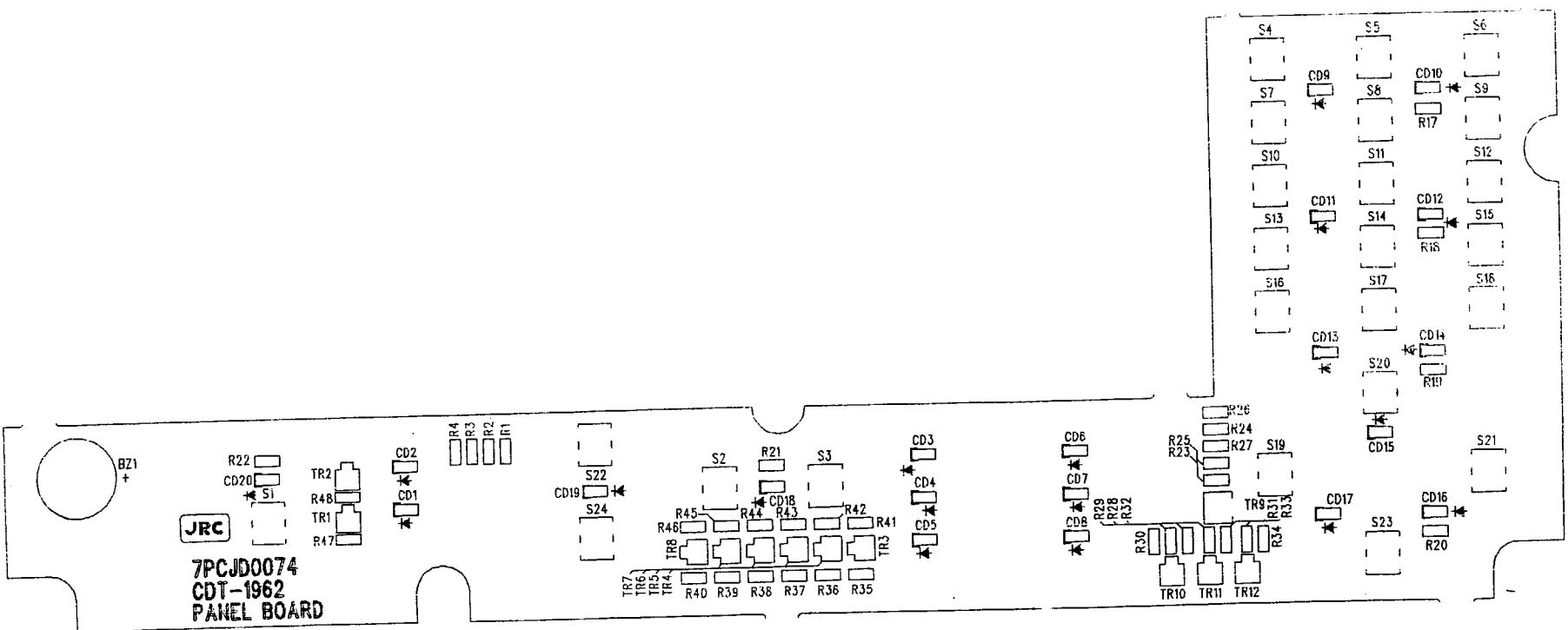


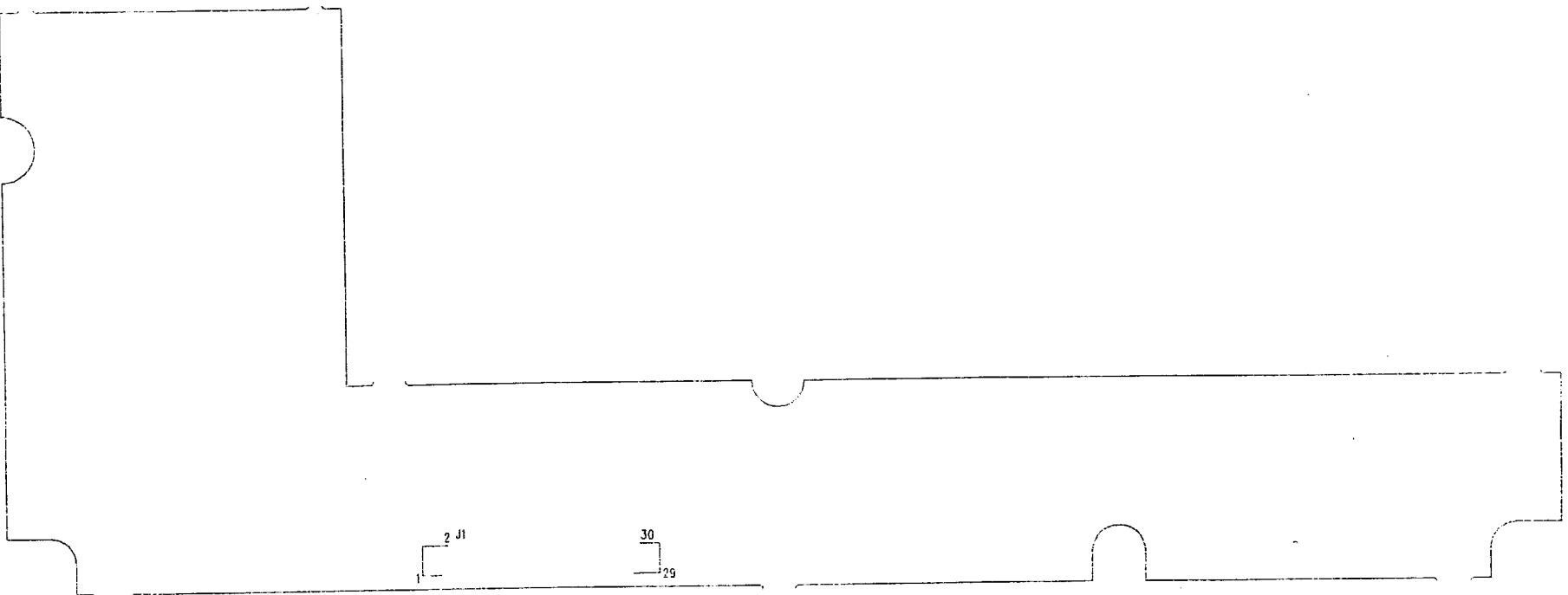
3.2.6 CQC-1962
MOTHER BOARD (1/2)



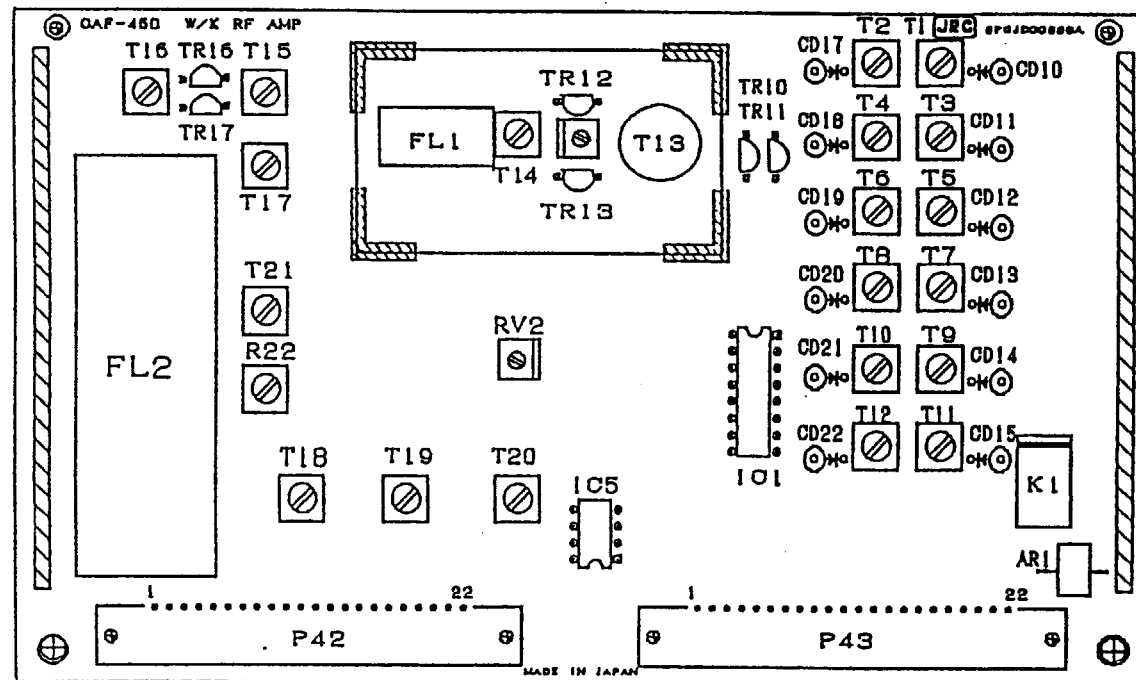


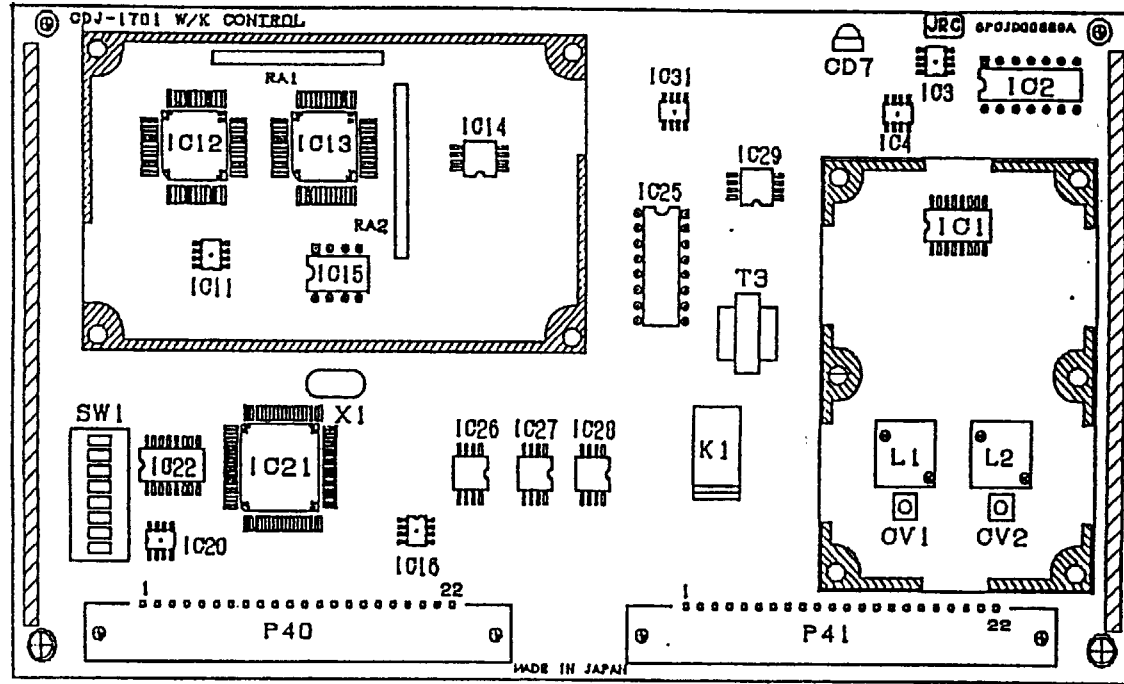
3.2.7 CDT-1962
PANEL BOARD (1/2)





3.2.8 CAF-450
W/K RF AMP





3.2.9 CDJ-1701
W/K CONTROL

JSB-196GM PARTS LIST

INDEX

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1.2	CMN-1960	TRX UNIT
1.3	CAH-1960	PA UNIT
1.4	JSB-196	CHASSIS

2. NFC-196 ANTENNA TUNER

2.1	CFG-196	MATCHING UNIT
-----	---------	---------------

3. NCT-196 DSC TERMINAL

3.1	CDJ-1999	CONTROL BOARD
3.2	CQC-1962	MOTHER BOARD
3.3	CDT-1962	PANEL BOARD
3.4	CAF-450	W/K RF AMP
3.5	CDJ-1701	W/K CONTROL
3.6	NCT-196	CHASSIS

1.1 CDJ-1960 CONTROL UNIT

Capacitor

C1	C2012X7R1H103K-E-TP
C2	C2012X7R1H103K-E-TP
C3	C2012X7R1H103K-E-TP
C4	C2012X7R1H103K-E-TP
C5	C2012X7R1H103K-E-TP
C6	C2012X7R1H103K-E-TP
C7	C2012X7R1H103K-E-TP
C8	C2012X7R1H102K-E-TP
C9	C2012X7R1H102K-E-TP
C10	C2012X7R1H103K-E-TP
C11	C2012X7R1H103K-E-TP
C12	C2012X7R1H103K-E-TP
C13	C2012X7R1H103K-E-TP
C14	C2012X7R1H103K-E-TP
C15	C2012X7R1H103K-E-TP
C16	C2012X7R1H103K-E-TP
C17	C2012Y5V1E104Z-E-TP
C18	ECA1EM471
C19	C2012Y5V1E104Z-E-TP
C20	ECEV1CA471P
C21	C2012Y5V1E104Z-E-TP
C22	ECEV1CA471P
C23	C2012Y5V1E104Z-E-TP
C24	C2012X7R1H103K-E-TP
C25	C2012X7R1H103K-E-TP
C26	C2012X7R1H103K-E-TP
C27	C2012X7R1H103K-E-TP
C28	C2012X7R1H103K-E-TP
C29	C2012X7R1H103K-E-TP
C35	C2012X7R1H103K-E-TP
C36	C2012X7R1H103K-E-TP
C37	C2012X7R1H103K-E-TP
C41	C2012X7R1H103K-E-TP
C42	C2012X7R1H103K-E-TP
C43	C2012X7R1H103K-E-TP
C47	C2012X7R1H103K-E-TP
C48	C2012X7R1H102K-E-TP
C49	C2012X7R1H102K-E-TP
C50	C2012X7R1H103K-E-TP
C51	C2012X7R1H103K-E-TP
C52	C2012X7R1H102K-E-TP
C53	C2012X7R1H102K-E-TP
C54	C2012Y5V1C105Z-E-TP
C55	C2012Y5V1E104Z-E-TP
C56	C2012Y5V1C105Z-E-TP
C57	C2012Y5V1C105Z-E-TP
C58	C2012Y5V1C105Z-E-TP
C59	C2012X7R1H102K-E-TP
C60	C2012JF1H223Z-E-TP
C61	C2012X7R1H103K-E-TP
C62	C2012X7R1H102K-E-TP
C63	C2012X7R1H103K-E-TP
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C69	C2012X7R1H103K-E-TP
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C76	C2012X7R1H103K-E-TP
C77	C2012C0G1H220J-E-TP
C78	C2012C0G1H220J-E-TP
C79	C2012Y5V1C105Z-E-TP
C80	C2012Y5V1E104Z-E-TP
C81	C2012Y5V1E104Z-E-TP
C82	ECEV1CA100SR
C83	C2012JF1H223Z-E-TP
C84	ECEV1HA2R2SR
C85	C2012Y5V1H104ZT
C86	C2012Y5V1E104Z-E-TP
C87	C2012Y5V1E104Z-E-TP
C88	C2012Y5V1E104Z-E-TP
C89	C2012Y5V1E104Z-E-TP
C90	C2012X7R1H102K-E-TP
C91	C2012Y5V1E104Z-E-TP
C92	ECA1EM471
C93	ECEV1CA470SP
C94	ECEV1CA100SR
C95	ECEV1CA100SR
C96	ECEV1CA100SR
C97	ECST1AY225R
C98	C2012X7R1H103K-E-TP
C99	C2012Y5V1E104Z-E-TP
C100	ECEV1CA100SR
C101	C2012SL1H222J-E-TP
C102	C2012Y5V1E104Z-E-TP
C103	C2012X7R1H103K-E-TP
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C105	C2012Y5V1E104Z-E-TP
C106	ECEV1CA100SR
C107	ECEV1CA100SR
C108	C2012Y5V1E104Z-E-TP
C109	C2012Y5V1E104Z-E-TP
C110	C2012Y5V1E104Z-E-TP
C111	C2012Y5V1E104Z-E-TP
C112	C2012Y5V1E104Z-E-TP
C113	C2012Y5V1E104Z-E-TP
C114	C2012Y5V1E104Z-E-TP
C115	C2012Y5V1E104Z-E-TP
C116	C2012Y5V1E104Z-E-TP
C117	C2012X7R1H103K-E-TP
C118	C2012X7R1H103K-E-TP
C119	C2012X7R1H103K-E-TP
C120	C2012X7R1H103K-E-TP
C121	C2012X7R1H103K-E-TP
C122	C2012X7R1H103K-E-TP
C123	C2012Y5V1E104Z-E-TP
C124	C2012Y5V1E104Z-E-TP
C125	C2012X7R1H103K-E-TP

Diode

CD1	SML-210MT T86 GREEN
-----	---------------------

CD2	SML-210MT T86 GREEN
CD3	SML-210MT T86 GREEN
CD4	SML-210MT T86 GREEN
CD5	SML-210MT T86 GREEN
CD6	SML-210MT T86 GREEN
CD7	SML-210MT T86 GREEN
CD8	SML-210MT T86 GREEN
CD9	SML-210MT T86 GREEN
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CD15	SML-210MT T86 GREEN
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CD17	SML-210MT T86 GREEN
CD18	SML-210MT T86 GREEN
CD19	SML-210MT T86 GREEN
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CD21	SML-210MT T86 GREEN
CD22	SML-210MT T86 GREEN
CD23	SML-210MT T86 GREEN
CD24	SML-210MT T86 GREEN
CD25	1SS184-TE85L
CD26	1SS184-TE85L
CD27	1SS184-TE85L
CD28	1SS184-TE85L
CD29	1SS184-TE85L
CD30	1SS184-TE85L
CD31	1SS184-TE85L
CD32	1SS184-TE85L
CD33	RD5.6M-T1BB2
CD34	SFPM-64V
CD35	1SS184-TE85L
CD36	1SS184-TE85L
CD37	1SS184-TE85L
CD38	SML-210MT T86 GREEN
CD39	SML-210MT T86 GREEN
CD40	SML-210MT T86 GREEN
CD41	SML-210MT T86 GREEN

Integrated Circuits

IC1	HD6413007F20
IC2	MBM29F400BC-90PFTN
IC3	H-6DDJD00024
IC4	MSM6775TS-K
IC5	M51953BFP-600C
IC6	TK11818M-TL
IC7	MAX232EWE-TE2
IC8	TD62003AF(TP1)
IC9	TC4S81F-TE85L
IC10	TC74HC4050AFT-EL
IC11	TC74VHC04FT-EL
IC12	TC74HC4053AFT-EL
IC13	NJM2902V(TE1)
IC14	NJM2902V(TE1)
IC15	TC74HC4050AFT-EL
IC16	TC74HC4050AFT-EL
IC17	TC74HC4050AFT-EL
IC18	TC74HC4050AFT-EL

IC19	TC74HC4050AFT-EL
IC20	NJM2904V(TE1)
IC21	NJM2903V-TE1
IC22	M51953BFP-600C
IC23	TC4013BF(N)
IC24	NJM2902V(TE1)
IC25	NJM7809FA
IC26	NJM7805FA
IC27	AN77L09M-E1
Connector	
J1	00-6208-526-310-000
J2	00-6208-526-310-000
J3	00-6208-526-310-000
J4	B8B-PH-SM3-TB
J5	B2B-PH-SM3-TB
Inductor	
L1	LQN6C100M04
L2	LAL03KH102K
L3	NL252018T-101J
L4	NL252018T-101J
L5	NL252018T-101J
L6	NL252018T-101J
L7	NL252018T-101J
L8	NL252018T-101J
L9	NL252018T-101J
LCD	
LCD1	H-7WSJD0001A
PCB	
PC1	H-7PCJD0061A
Resister	
R1	ERJ6GEYJ102V
R2	ERJ6GEYJ102V
R3	ERJ6GEYJ102V
R4	ERJ6GEYJ102V
R5	ERJ6GEYJ102V
R6	ERJ6GEYJ102V
R7	ERJ6GEYJ102V
R8	ERJ6GEYJ102V
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R36	ERJ6GEYJ102V
R37	ERJ6GEYJ102V
R38	ERJ6GEYJ102V
R39	ERJ6GEYJ102V
R40	ERJ6GEYJ102V
R41	ERJ6GEYJ102V
R42	ERJ6GEYJ102V
R43	ERJ6GEYJ102V
R44	ERJ6GEYJ102V
R45	ERJ6GEYJ102V
R46	ERJ6GEYJ102V
R47	ERJ6GEYJ393V
R48	ERJ6GEYJ301V
R49	ERJ6GEYJ301V
R50	ERJ6GEYJ102V
R51	ERJ6GEYJ102V
R52	ERJ6GEYJ102V
R53	ERJ6GEYJ102V
R54	ERJ6GEYJ102V
R55	ERJ6GEYJ102V
R56	ERJ6GEYJ102V
R57	ERJ6GEYJ102V
R58	ERJ6GEYJ102V
R59	ERJ6GEYJ102V
R60	ERJ6GEYJ102V
R61	ERJ6GEYJ102V
R62	ERJ6GEYJ102V
R63	ERJ6GEYJ102V
R64	ERJ6GEYJ393V
R65	ERJ6GEYJ103V
R66	ERJ6GEYJ153V
R67	ERJ6GEYJ103V
R68	ERJ6GEYJ393V
R69	ERJ6GEYJ103V
R70	ERJ6GEYJ103V
R71	ERJ6GEYJ103V
R72	ERJ6GEYJ103V
R73	ERJ6GEYJ103V
R74	ERJ6GEYJ103V
R75	ERJ6GEYJ103V
R76	ERJ6GEYJ103V
R77	ERJ6GEYJ102V
R78	ERJ6GEYJ103V
R79	ERJ6GEYJ103V
R80	ERJ6GEYJ393V
R81	ERJ6GEYJ103V
R82	ERJ6GEYJ103V
R83-1	ERJ6GEYJ102V
R83-2	ERJ6GEYJ102V
R83-3	ERJ6GEYJ102V

R83-4	ERJ6GEYJ102V
R83-5	ERJ6GEYJ102V
R84-1	ERJ6GEYJ511V
R84-2	ERJ6GEYJ511V
R85	ERJ6GEYJ151V
R86	ERJ6GEYJ301V
R87	ERJ6GEYJ101V
R88	ERJ6GEYJ101V
R89	ERJ6GEYJ101V
R90	ERJ6GEYJ101V
R91	ERJ6GEYJ101V
R92	ERJ6GEYJ101V
R93	ERJ6GEYJ101V
R94	ERJ6GEYJ101V
R95	ERJ6GEYJ101V
R96	ERJ6GEYJ101V
R97	ERJ6GEYJ101V
R98	ERJ6GEYJ101V
R99	ERJ6GEYJ301V
R100	ERJ6GEYJ301V
R101	ERJ6GEYJ301V
R102	ERJ6GEYJ103V
R103	ERJ6GEYJ103V
R104	ERJ6GEYJ103V
R105	ERJ6GEYJ103V
R106	ERJ6GEYJ103V
R107	ERJ6GEYJ103V
R108	ERJ6GEYJ103V
R109	ERJ6GEYJ103V
R110	ERJ6GEYJ103V
R111	ERJ6GEYJ513V
R112	ERJ6GEYJ164V
R113	ERJ6GEYJ203V
R114	ERJ6GEYJ103V
R115	ERJ6GEYJ122V
R116	ERJ6GEYJ621V
R117	ERJ6GEYJ153V
R118	ERJ6GEYJ203V
R119	ERJ6GEYJ203V
R120	ERJ6GEYJ203V
R121	ERJ6GEYJ103V
R122	ERJ6GEYJ103V
R123	ERJ6GEYJ103V
R124	ERJ6GEYJ203V
R125	ERJ6GEYJ682V
R126	ERJ6GEYJ682V
R127	ERJ6GEYJ682V
R128	ERJ6GEYJ682V
R129	ERJ6GEYJ682V
R130	ERJ6GEYJ621V
R131	ERJ6GEYJ103V
R132	ERJ6GEYJ103V
R133	ERJ6GEYJ102V
R134	ERJ6GEYJ102V
R135	ERJ6GEYJ102V
R136	ERJ6GEYJ301V
R137	ERJ6GEYJ301V
R138	ERJ6GEYJ103V
R139	ERJ6GEYJ682V
R140	ERJ6GEYJ102V

R141	ERJ6GEYJ103V
R142	ERJ6GEYJ103V
R143	ERJ6GEYJ103V
R144	ERJ6GEYJ101V
R145	ERJ6GEYJ101V
R146	ERJ6GEYJ332V
RV1	RK09L1140-10KB
RV2	RK09L1140-10KB
RV3	RK09L1140-10KB

Switch

S1	JPM1110-0211
S2	JPM1110-0211
S3	JPM1110-0211
S4	JPM1110-0211
S5	JPM1110-0211
S6	JPM1110-0211
S7	JPM1110-0211
S8	JPM1110-0211
S9	JPM1110-0211
S10	JPM1110-0211
S11	JPM1110-0211
S12	JPM1110-0211
S13	JPM1110-0211
S14	JPM1110-0211
S15	JPM1110-0211
S16	JPM1110-0211
S17	JPM1110-0211
S18	JPM1110-0211
S19	JPM1110-0211
S20	JPM1110-0211
S21	JPM1110-0211
S22	SRRM1CS-S20-P
S23	JPM1110-0211

Transistor

TR1	2SD1005-BVH-T2
TR2	DTC114EKA-T146
TR3	DTC114EKA-T146
TR4	DTC114EKA-T146
TR5	2SC2712-YTE85L
TR6	2SC2712-YTE85L
TR7	2SC2859-YTE85L
TR8	DTC114EKA-T146

Crystal Oscillator

X1	AT-51 F=19.6608MHz
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1.2 CMN-1960 TRX UNIT

Capacitor

C1	C2012Y5V1E104Z-E-TP
C2	C2012Y5V1E104Z-E-TP
C3	C2012C0G1H680J-E-TP
C4	C2012C0G1H330J-E-TP
C5	C2012C0G1H121J-E-TP
C6	C2012C0G1H220J-E-TP
C7	C2012C0G1H680J-E-TP
C8	C2012X7R1H333K-E-TP
C9	C2012X7R1H103K-E-TP
C10	C2012Y5V1E104Z-E-TP
C11	C2012X7R1H333K-E-TP
C12	C2012X7R1H333K-E-TP
C13	C2012X7R1H333K-E-TP
C14	C2012Y5V1E104Z-E-TP
C15	C2012Y5V1E104Z-E-TP
C16	C2012JB1H102K-E-TP
C17	RPE131R102K50
C18	C2012JB1H102K-E-TP
C21	C2012Y5V1E104Z-E-TP
C22	C2012Y5V1E104Z-E-TP
C23	C2012Y5V1E104Z-E-TP
C25	C2012Y5V1E104Z-E-TP
C26	C2012Y5V1E104Z-E-TP
C27	C2012Y5V1E104Z-E-TP
C28	ECEA1CKK100
C29	C2012Y5V1E104Z-E-TP
C30	202L3502-106K4
C31	C2012C0G1H101J-E-TP
C32	C2012C0G1H181J-E-TP
C33	C2012C0G1H101J-E-TP
C40	C2012X7R1H333K-E-TP
C41	C2012X7R1H103K-E-TP
C42	C2012SL1H102J-E-TP
C43	C2012X7R1H103K-E-TP
C44	C2012Y5V1E104Z-E-TP
C45	C2012X7R1H103K-E-TP
C51	C2012X7R1H333K-E-TP
C52	C2012X7R1H103K-E-TP
C53	C2012X7R1H333K-E-TP
C54	ECEA1CKK100
C55	C2012X7R1H103K-E-TP
C56	C2012X7R1H103K-E-TP
C57	C2012X7R1H103K-E-TP
C58	C2012X7R1H103K-E-TP
C59	C2012X7R1H103K-E-TP
C61	C2012X7R1H333K-E-TP
C63	C2012C0G1H020C-E-TP
C65	C2012SL1H821J-E-TP
C66	C2012X7R1H333K-E-TP
C71	C2012X7R1H333K-E-TP
C73	C2012C0G1H030C-E-TP
C75	C2012SL1H152J-E-TP
C76	C2012X7R1H333K-E-TP
C81	C2012X7R1H333K-E-TP
C83	C2012C0G1H030C-E-TP
C85	C2012C0G1H050C-E-TP
C87	C2012SL1H272J-E-TP

C88	C2012X7R1H333K-E-TP
C91	C2012Y5V1E104Z-E-TP
C93	C2012C0G1H050C-E-TP
C95	C2012C0G1H070C-E-TP
C96	C2012SL1H272J-E-TP
C97	C2012Y5V1E104Z-E-TP
C101	C2012Y5V1E104Z-E-TP
C102	C2012JB1H103K-E-TP
C103	C2012X7R1H153K-E-TP
C104	C2012X7R1H682K-E-TP
C105	C2012X7R1H333K-E-TP
C106	C2012X7R1H682K-E-TP
C111	C2012SL1H272J-E-TP
C112	C2012C0G1H681J-E-TP
C113	C2012X7R1H332K-E-TP
C114	C2012SL1H222J-E-TP
C115	C2012JB1H182K-E-TP
C116	C2012Y5V1E104Z-E-TP
C121	C2012Y5V1E104Z-E-TP
C122	C2012X7R1H472K-E-TP
C123	C2012X7R1H472K-E-TP
C124	C2012X7R1H472K-E-TP
C125	C2012SL1H222J-E-TP
C126	C2012X7R1H472K-E-TP
C127	C2012SL1H152J-E-TP
C131	C2012Y5V1E104Z-E-TP
C132	C2012X7R1H332K-E-TP
C133	C2012SL1H102J-E-TP
C134	C2012SL1H152J-E-TP
C135	C2012X7R1H332K-E-TP
C136	C2012SL1H152J-E-TP
C137	C2012Y5V1E104Z-E-TP
C141	C2012Y5V1E104Z-E-TP
C142	C2012C0G1H680J-E-TP
C143	C2012C0G1H220J-E-TP
C144	C2012C0G1H121J-E-TP
C145	C2012C0G1H330J-E-TP
C146	C2012C0G1H680J-E-TP
C147	C2012X7R1H333K-E-TP
C148	C2012X7R1H333K-E-TP
C151	C2012Y5V1E104Z-E-TP
C152	C2012X7R1H333K-E-TP
C153	ECEA1EKS100
C154	C2012Y5V1E104Z-E-TP
C155	C2012Y5V1E104Z-E-TP
C156	C2012C0G1H100D-E-TP
C157	C2012C0G1H100D-E-TP
C158	C2012JB1H102K-E-TP
C159	C2012JB1H102K-E-TP
C161	C2012SL1H102J-E-TP
C162	C2012JB1H102K-E-TP
C163	C2012JB1H102K-E-TP
C164	C2012X7R1H333K-E-TP
C165	C2012SL1H102J-E-TP
C172	C2012X7R1H333K-E-TP
C173	C2012X7R1H333K-E-TP
C176	C2012SL1H102J-E-TP
C177	C2012SL1H102J-E-TP
C178	C2012X7R1H333K-E-TP
C179	C2012X7R1H333K-E-TP

C180	C2012X7R1H333K-E-TP
C181	C2012X7R1H333K-E-TP
C182	C2012X7R1H333K-E-TP
C183	C2012X7R1H333K-E-TP
C184	C2012X7R1H333K-E-TP
C185	C2012X7R1H333K-E-TP
C190	C2012X7R1H103K-E-TP
C191	C2012X7R1H333K-E-TP
C192	C2012X7R1H333K-E-TP
C193	202L3502-106K4
C194	C2012Y5V1E104Z-E-TP
C195	C2012Y5V1E104Z-E-TP
C200	C2012JB1H102K-E-TP
C201	C2012C0G1H270J-E-TP
C202	C2012C0G1H220J-E-TP
C203	C2012C0G1H270J-E-TP
C204	C2012JB1H102K-E-TP
C205	C2012JB1H102K-E-TP
C206	C2012JB1H102K-E-TP
C207	C2012JB1H102K-E-TP
C208	C2012JB1H102K-E-TP
C210	C2012JB1H102K-E-TP
C211	C2012JB1H102K-E-TP
C212	C2012C0G1H220J-E-TP
C213	C2012JB1H102K-E-TP
C214	C2012JB1H102K-E-TP
C222	C2012JB1H102K-E-TP
C223	C2012Y5V1E104Z-E-TP
C224	C2012C0G1H681J-E-TP
C225	C2012C0G1H681J-E-TP
C226	C2012Y5V1E104Z-E-TP
C227	C2012JB1H102K-E-TP
C228	C2012X7R1H103K-E-TP
C229	C2012JB1H102K-E-TP
C231	C2012JB1H102K-E-TP
C232	C2012Y5V1E104Z-E-TP
C233	C2012X7R1H333K-E-TP
C234	C2012C0G1H271-J-E-TP
C235	C2012C0G1H271-J-E-TP
C236	C2012X7R1H333K-E-TP
C237	C2012Y5V1E104Z-E-TP
C238	C2012JB1H102K-E-TP
C239	C2012JB1H102K-E-TP
C240	C2012Y5V1E104Z-E-TP
C241	C2012X7R1H333K-E-TP
C242	C2012Y5V1E104Z-E-TP
C243	C2012Y5V1E104Z-E-TP
C244	C2012Y5V1E104Z-E-TP
C245	C2012Y5V1E104Z-E-TP
C246	C2012Y5V1E104Z-E-TP
C247	ECEA1CKK100
C248	C2012X7R1H333K-E-TP
C249	ECEA1CKK100
C250	C2012Y5V1E104Z-E-TP
C251	C2012Y5V1E104Z-E-TP
C252	C2012X7R1H333K-E-TP
C260	ECEA1CKK100
C261	C2012SL1H122J-E-TP
C262	C2012C0G1H121J-E-TP
C263	C2012C0G1H681J-E-TP

C264	C2012Y5V1E104Z-E-TP
C265	ECEA1CKK100
C266	C2012Y5V1E104Z-E-TP
C267	ECEA1CKK100
C270	C2012X7R1H103K-E-TP
C271	C2012JB1H102K-E-TP
C272	C2012JB1H102K-E-TP
C273	C2012JB1H102K-E-TP
C274	C2012X7R1H333K-E-TP
C275	C2012Y5V1E104Z-E-TP
C276	C2012JB1H102K-E-TP
C277	C2012JB1H102K-E-TP
C278	C2012JB1H102K-E-TP
C279	C2012X7R1H333K-E-TP
C280	C2012JB1H102K-E-TP
C281	C2012JB1H102K-E-TP
C282	C2012JB1H102K-E-TP
C283	C2012JB1H102K-E-TP
C284	C2012JB1H102K-E-TP
C285	C2012JB1H102K-E-TP
C286	C2012JB1H102K-E-TP
C287	C2012X7R1H103K-E-TP
C288	C2012JB1H102K-E-TP
C290	EMK316BJ105KF-T
C291	EMK316BJ105KF-T
C292	C2012Y5V1E104Z-E-TP
C293	C2012Y5V1E104Z-E-TP
C294	C2012Y5V1E104Z-E-TP
C295	ECEA1CKK100
C296	C2012Y5V1E104Z-E-TP
C297	C2012X7R1H333K-E-TP
C298	C2012X7R1H333K-E-TP
C299	C2012X7R1H333K-E-TP
C300	ECEV1CS100SR
C301	C2012Y5V1E104Z-E-TP
C302	ECEV1CS100SR
C303	C2012Y5V1E104Z-E-TP
C304	C2012Y5V1E104Z-E-TP
C305	C2012Y5V1E104Z-E-TP
C306	C2012Y5V1E104Z-E-TP
C307	C2012Y5V1E104Z-E-TP
C308	ECEV1CS100SR
C309	C2012Y5V1E104Z-E-TP
C310	C2012Y5V1E104Z-E-TP
C311	ECEV1CS100SR
C312	C2012Y5V1E104Z-E-TP
C313	ECEV1CS100SR
C314	C2012Y5V1E104Z-E-TP
C315	ECEV1CS100SR
C316	ECEV0JA470SR
C317	C2012Y5V1E104Z-E-TP
C318	C2012Y5V1E104Z-E-TP
C319	ECEV1CS100SR
C320	C2012Y5V1E104Z-E-TP
C321	C2012Y5V1E104Z-E-TP
C322	C2012Y5V1E104Z-E-TP
C323	C2012Y5V1E104Z-E-TP
C324	C2012Y5V1E104Z-E-TP
C325	C2012Y5V1E104Z-E-TP
C326	C2012Y5V1E104Z-E-TP

C327	C2012Y5V1E104Z-E-TP
C328	C2012Y5V1E104Z-E-TP
C340	C2012Y5V1E104Z-E-TP
C341	ECEV1AA101SP
C342	C2012Y5V1E104Z-E-TP
C343	ECEA1AKS221 I
C344	C2012Y5V1E104Z-E-TP
C345	ECEA1AKS101
C346	C2012Y5V1E104Z-E-TP
C347	ECA1VM101
C348	C2012Y5V1E104Z-E-TP
C349	C2012Y5V1E104Z-E-TP
C350	C2012X7R1H103K-E-TP
C351	C2012X7R1H333K-E-TP
C352	C2012SL1H152J-E-TP
C353	C2012C0G1H820J-E-TP
C354	C2012SL1H222J-E-TP
C355	C2012C0G1H331J-E-TP
C356	C2012SL1H122-J-E-TP
C357	C2012Y5V1E104Z-E-TP
C358	C2012Y5V1E104Z-E-TP
C360	C2012X7R1H333K-E-TP
C361	C2012Y5V1E104Z-E-TP
C362	C2012Y5V1E104Z-E-TP
C363	C2012X7R1H103K-E-TP
C364	C2012JB1H102K-E-TP
C365	C2012JB1H102K-E-TP
C366	C2012JB1H102K-E-TP
C371	C2012X7R1H103K-E-TP
C372	C2012Y5V1E104Z-E-TP
C373	C2012Y5V1E104Z-E-TP
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C384	C2012SL1H122J-E-TP
C385	EMK316BJ105KF-T
C386	C2012X7R1H103K-E-TP
C387	C2012Y5V1E104Z-E-TP
C388	C2012Y5V1E104Z-E-TP
C389	ECEA1EKS100
C390	ECEA1CKK100
C391	C2012Y5V1E104Z-E-TP
C400	ECEA1CKK100
C401	C2012COG1H391J-E-TP
C402	C2012X7R1H472K-E-TP
C403	C2012Y5V1E104Z-E-TP
C404	ECEA1EKS100
C405	C2012Y5V1E104Z-E-TP
C406	ECEA1CKK100
C407	C2012Y5V1E104Z-E-TP
C408	ECEA1CKK100
C409	ECA1VM101
C410	ECEA1EKS100
C411	C2012Y5V1E104Z-E-TP
C412	ECEA1EKS220
C413	ECST1AY475R
C414	C2012Y5V1E104Z-E-TP
C415	C2012Y5V1E104Z-E-TP
C416	ECEA1CKK100

C417	C2012Y5V1E104Z-E-TP
C418	ECEA1CKK100
C419	ECST1CY105R
C420	C2012X7R1H103K-E-TP
C421	ECA1EM471
C422	C2012JB1H102K-E-TP
C423	ECEA1CKK100
C424	ECA1CM221
C425	ECA1CM221
C426	ECEA1VKS100
C427	C2012X7R1H103K-E-TP
C430	ECEA1CKK100
C431	ECEA1CKK100
C432	C2012SL1H222J-E-TP
C434	C2012SL1H222J-E-TP
C435	ECEA1CKK100
C436	C2012Y5V1E104Z-E-TP
C437	C2012Y5V1E104Z-E-TP
C438	ECEA1EKS100
C439	ECEA1CKK100
C440	ECEA1CKK100
C441	C2012SL1H102J-E-TP
C442	EMK316BJ105KF-T
C443	C2012SL1H102J-E-TP
C444	C2012X7R1H103K-E-TP
C445	C2012Y5V1E104Z-E-TP
C446	C2012Y5V1E104Z-E-TP
C447	ECEA1CKK100
C448	ECST1AY106R
C449	C2012Y5V1E104Z-E-TP
C450	C2012C0G1H681J-E-TP
C451	C2012Y5V1E104Z-E-TP
C452	ECA1VM101
C453	C2012Y5V1E104Z-E-TP
C454	C2012Y5V1E104Z-E-TP
C455	ECA1VM101
C456	C2012Y5V1E104Z-E-TP
C457	C2012Y5V1E104Z-E-TP
C458	ECEA1AKS101
C460	C2012X7R1H103K-E-TP
C462	C2012X7R1H103K-E-TP
C463	C2012X7R1H103K-E-TP
C464	C2012X7R1H103K-E-TP
C465	C2012X7R1H103K-E-TP
C466	C2012X7R1H333K-E-TP
C467	C2012X7R1H333K-E-TP
C468	C2012X7R1H103K-E-TP
C469	C2012X7R1H103K-E-TP
C470	C2012X7R1H103K-E-TP
C471	C2012JB1H102K-E-TP
C472	C2012JB1H102K-E-TP
C473	C2012X7R1H103K-E-TP
C474	C2012X7R1H103K-E-TP
C475	C2012JB1H102K-E-TP
C476	C2012JB1H102K-E-TP
C477	ECA1HM330
C478	C2012Y5V1E104Z-E-TP
C479	C2012Y5V1E104Z-E-TP
C480	ECA1VM471
C481	C2012X7R1H103K-E-TP

C482	C2012X7R1H103K-E-TP
C483	C2012X7R1H103K-E-TP
C484	C2012X7R1H103K-E-TP
C485	C2012X7R1H103K-E-TP
C486	C2012X7R1H103K-E-TP
C487	C2012X7R1H103K-E-TP
C488	C2012X7R1H103K-E-TP
C489	C2012X7R1H103K-E-TP
C490	C2012JB1H102K-E-TP
C491	C2012X7R1H103K-E-TP
C492	C2012X7R1H103K-E-TP
C493	C2012X7R1H103K-E-TP
C494	C2012X7R1H103K-E-TP
C495	C2012X7R1H103K-E-TP
C496	C2012X7R1H103K-E-TP
C497	C2012X7R1H103K-E-TP
C498	C2012X7R1H103K-E-TP
C499	C2012X7R1H333K-E-TP
C500	C2012C0G1H180J-E-TP
C501	C2012C0G1H100D-E-TP
C502	C2012JB1H102K-E-TP
C503	C2012JB1H102K-E-TP
C504	C2012JB1H102K-E-TP
C505	C2012X7R1H103K-E-TP
C506	ECA1VM470
C507	C2012C0G1H220 J-E-TP
C508	C2012C0G1H100D-E-TP
C509	C2012JB1H102K-E-TP
C510	C2012JB1H102K-E-TP
C511	C2012JB1H102K-E-TP
C512	C2012X7R1H103K-E-TP
C513	C2012X7R1H103K-E-TP
C514	C2012SL1H102J-E-TP
C515	C2012JB1H102K-E-TP
C516	C2012SL1H102J-E-TP
C517	C2012JB1H102K-E-TP
C518	C2012JB1H102K-E-TP
C519	C2012SL1H102J-E-TP
C520	C2012JB1H102K-E-TP
C521	C2012SL1H102J-E-TP
C522	C2012JB1H102K-E-TP
C523	C2012JB1H102K-E-TP
C524	C2012SL1H102J-E-TP
C525	C2012SL1H102J-E-TP
C526	C2012JB1H102K-E-TP
C527	C2012SL1H102J-E-TP
C528	C2012JB1H102K-E-TP
C529	C2012SL1H102J-E-TP
C530	C2012JB1H102K-E-TP
C531	C2012SL1H102J-E-TP
C532	202L3502-105KB
C533	C2012JB1H223K-E-TP
C534	C2012JB1H102K-E-TP
C535	C2012JB1H102K-E-TP
C536	C2012Y5V1E104Z-E-TP
C537	ECA1VM101
C538	ECA1VM101
C539	C2012Y5V1E104Z-E-TP
C550	ECEA1EKS100
C551	C2012Y5V1E104Z-E-TP

C552	C2012SL1H102J-E-TP
C553	C2012X7R1H103K-E-TP
C554	C2012Y5V1E104Z-E-TP
C555	ECA1VM101
C556	ECA1VM101
C557	C2012Y5V1E104Z-E-TP
C558	C2012Y5V1E104Z-E-TP
C559	C2012Y5V1E104Z-E-TP
C560	ECA1VM101
C561	ECEA1AKS101
C562	C2012Y5V1E104Z-E-TP
C573	C2012X7R1H103K-E-TP
C578	ECEA1AKS101
C579	C2012Y5V1E104Z-E-TP
C581	C2012X7R1H103K-E-TP
C582	ECEA1AKS101
C583	C2012Y5V1E104Z-E-TP
C584	ERJ-6GEY0R00V
C610	C2012X7R1H103K-E-TP
C611	ECEA1CKK100
C612	C2012SL1H102J-E-TP
C613	C2012JB1H102K-E-TP
C614	C2012SL1H102J-E-TP
C615	C2012JB1H102K-E-TP
C616	C2012SL1H102J-E-TP
C617	C2012SL1H102J-E-TP
C619	C2012SL1H102J-E-TP
C620	C2012JB1H102K-E-TP
C621	C2012SL1H102J-E-TP
C622	C2012C0G1H680J-E-TP
C623	C2012C0G1H120J-E-TP
C624	C2012C0G1H101J-E-TP
C625	C2012C0G1H330J-E-TP
C626	C2012C0G1H680J-E-TP
C627	C2012SL1H102J-E-TP
C628	C2012X7R1H103K-E-TP
C647	C2012Y5V1E104Z-E-TP
C650	C2012C0G1H150J-E-TP
C651	C2012JB1H102K-E-TP
C652	C2012C0G1H100D-E-TP
C653	C2012JB1H102K-E-TP
C654	C2012X7R1H103K-E-TP
C655	C2012JB1H102K-E-TP
C656	C2012X7R1H103K-E-TP
C657	C2012Y5V1E104Z-E-TP
C660	ECEA1HKS100
C661	C2012JB1H223K-E-TP
C662	ECEA1HKS100
C663	ECEA1VKS470
C664	C2012X7R1H103K-E-TP
C670	C2012C0G1H121J-E-TP
C671	C2012C0G1H121J-E-TP
C672	ECA1HM100
C673	C2012Y5V1E104Z-E-TP
C690	ECA1CM471
C700	C2012COG1H470J-E-TP
C701	C2012C0G1H220J-E-TP
C702	C2012COG1H010C-E-TP
C703	C2012C0G1H220J-E-TP
C704	C2012COG1H010C-E-TP

C705	C2012C0G1H220J-E-TP
C706	C2012SL1H102J-E-TP
C707	C2012JB1H102K-E-TP
C708	C2012C0G1H220J-E-TP
C709	C2012JB1H102K-E-TP
C721	C2012C0G1H820J-E-TP
C722	C2012C0G1H100D-E-TP
C723	C2012C0G1H151J-E-TP
C724	C2012C0G1H560J-E-TP
C725	C2012C0G1H121J-E-TP
C726	C2012C0G1H270J-E-TP
C727	C2012C0G1H680J-E-TP
C728	C2012SL1H222J-E-TP
C729	C2012COG1H391J-E-TP
C730	C2012SL1H102J-E-TP
C731	C2012C0G1H680J-E-TP
C740	ECEA1CKK100
C741	C2012SL1H102J-E-TP
C800	C2012X7R1H103K-E-TP
C801	C2012X7R1H103K-E-TP
C802	C2012X7R1H103K-E-TP
CV81	TZBX4R200BA110T00
CV82	TZBX4R200BA110T00
CV91	TZBX4R200BA110T00
CV92	TZBX4R200BA110T00
CV210	TZBX4R200BA110T00
CV500	TZBX4R200BA110T00
CV501	TZBX4R200BA110T00
CV650	TZBX4R200BA110T00

Diode

CD1	XB15A301
CD2	XB15A301
CD3	XB15A301
CD4	XB15A301
CD5	1SS184-TE85L
CD11	1SS311-TE85L
CD13	1SS311-TE85L
CD41	HSM-88AS-TL
CD42	1SS184-TE85L
CD51	1SS181-TE85L
CD52	1SS181-TE85L
CD53	1SS184-TE85L
CD54	1SS184-TE85L
CD60	1SS311-TE85L
CD61	1SV102
CD62	1SV102
CD63	1SV102
CD64	1SV102
CD65	1SS356-TW11
CD70	1SS311-TE85L
CD71	1SV102
CD72	1SV102
CD73	1SV102
CD74	1SV102
CD75	1SS356-TW11
CD80	1SS311-TE85L
CD81	1SV102
CD82	1SV102
CD83	1SV102

CD84	1SV102
CD85	1SS356-TW11
CD90	1SS311-TE85L
CD91	1SV102
CD92	1SV102
CD93	1SV102
CD94	1SV102
CD95	1SV102
CD96	1SV102
CD97	1SV102
CD98	1SV102
CD99	1SS356-TW11
CD100	1SS311-TE85L
CD111	1SS356-TW11
CD120	1SS311-TE85L
CD121	1SS356-TW11
CD130	1SS311-TE85L
CD131	1SS356-TW11
CD147	1SS356-TW11
CD148	1SS356-TW11
CD150	1SS356-TW11
CD170	1SS356-TW11
CD180	1SS184-TE85L
CD210	1SS356-TW11
CD211	1SS356-TW11
CD212	1SS226-TE85L
CD230	1SS356-TW11
CD231	1SS356-TW11
CD232	1SS356-TW11
CD233	1SS356-TW11
CD250	1SS184-TE85L
CD410	1SS184-TE85L
CD420	1SS184-TE85L
CD460	TLP521-4-GB
CD461	1SS184-TE85L
CD462	1SS184-TE85L
CD463	D1F60
CD469	D1F60
CD470	D1F60
CD471	D1F60
CD472	D1F60
CD490	1SS181-TE85L
CD500	1SV231 TPH4
CD501	1SV231 TPH4
CD502	1SV231 TPH4
CD503	1SV231 TPH4
CD504	1SS313-TE85L
CD550	SML-210MT T86 GREEN
CD650	1SV231 TPH4
CD651	1SV231 TPH4
CD652	1SS313-TE85L

Filter

FL200	MF70QB3S
FL230	CFK455I
FL500	GFEB4
FL700	GFEB4

Integrated Circuit

IC22	UPC1678GV-E1
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IC41	NJM2406F-TE1
IC51	HD74LS145FP
IC171	SA602AD-T
IC240	NJM1496M-T1
IC260	OP284FS
IC270	UPC2766GR-E1
IC290	NJM1496M-T1
IC300	AK5393VS
IC310	AK4321-VF
IC320	H-7DEJD0289
IC320Z1	IC160-0324-200
IC321	ADSP-21065LKS-240
IC340	UPC29M33T-E1
IC341	NJM7805FA
IC341Z1	TC30A(TO-220)
IC350	H-7DDJD0005
IC360	TC4 S 66F TE85L
IC361	TC74HC4050AF-EL
IC362	TC74AC14F-TP1
IC380	M5218AFP-600C
IC381	TC4W66F-TE12L
IC400	NJM2904V-TE1
IC410	M51132L
IC420	AN7199Z
IC420Z1	TC30A(TO-3PL)
IC430	NJM2904V-TE1
IC431	TC4W53F-TE12L
IC440	NJM2100M-T1
IC450	AN7709F
IC450Z1	TC30A(TO-220)
IC451	NJM78M05DL1A(TE1)
IC500	AN77L09M-E1
IC550	MB87086APF-G-BND-TF
IC551	AN77L09M-E1
IC552	NJM78M05DL1A(TE1)
IC570	AD9850BRS
IC611	TC74AC74AF-TP1
IC650	TC7S02F-TE85L
IC660	TK11818M-TL
IC670	TC4W66F-TE12L
IC800	TC4W53F-TE12L

Connector

J1	LGY6501-0101
J2	LGY6502-0101
J4	XM2C-0912-112
J11	TMP-J01X-A2
J12	TMP-J01X-A2
J16	TMP-J02X-A1
J16-1	H-7ZCJD0047A
J21	B6B-PH-K-S
J22	00-6208-526-310-000
J23	00-6208-526-310-000
J24	B2B-PH-K-S
J300	XR2C-1015
J310	XR2C-1615
P3	XM3B-0932-112
P300	XR2P-1041
P310	XR2P-1641
TB1	ML-800S1H-17P

TB301	PB-1-S
TB302	PB-1-S
TB303	PB-1-S
TB304	PB-1-S

Relay

K1	G6K-2P DC9V
K2	G6K-2P DC9V
K3	G6K-2P DC9V
K31	G6K-2P DC9V
K81	G6K-2P DC9V
K82	G6K-2P DC9V
K91	G6K-2P DC9V
K92	G6K-2P DC9V
K420	G6K-2P DC9V

Inductor

L1	LER015TR22K
L2	LER015TR22K
L8	LAL03VB471K
L11	LAL03VB471K
L12	LAL03VB471K
L13	LAL03VB471K
L25	LAL03VB101K
L26	LAL04SK101K
L27	LAL03VB101K
L31	LER015TR33K
L32	LER015TR33K
L41	LAL03VB101K
L51	LAL03VB101K
L101	LAL03VB471K
L102	LQH3N330K34
L103	LER015T220K
L111	LER015T4R7K
L112	LER015T2R7M
L113	LAL03VB471K
L121	LER015T220K
L122	LAL03VB471K
L123	LER015T2R2M
L124	LQH3N330K34
L125	LER015T100K
L126	LQH3N330K34
L127	LER015T100K
L128	LER015T220K
L131	LAL03VB471K
L132	LER015T150K
L133	LER015T6R8K
L137	LAL03VB471K
L141	LER015TR22K
L142	LER015TR22K
L147	LAL03VB471K
L148	LAL03VB471K
L151	LAL03VB471K
L152	LER015T4R7K
L161	LER015TR22K
L162	LER015TR22K
L171	LER015T100K
L172	LER015T100K
L176	LAL03VB101K
L184	LAL03VB101K

L185	LAL03VB471K
L191	LAL03VB471K
L192	LAL03VB471K
L200	LER015TR22K
L201	LER015TR22K
L202	LER015T100K
L203	LER015T100K
L204	LER015T100K
L210	LER015TR33K
L220	LAL03VB221K
L221	LER015TR22K
L222	LER015TR22K
L230	LHL06TB 472J
L231	LHL06TB 472J
L232	LAL03VB331K
L233	LAL03VB331K
L234	875FU-472M=P3
L235	875FU-472M=P3
L240	875FU-472M=P3
L250	LAL03KH102K
L251	LAL03KH102K
L252	LAL03KH102K
L340	LQN6C100M04
L341	LQN6C100M04
L342	LQN6C100M04
L343	LQN6C100M04
L350	LAP02KR101K
L351	LAP02KR101K
L440	LAL03VB471K
L451	LQN6C100M04
L452	LQN6C100M04
L478	LQN6C100M04
L500	E526GN-100492
L501	LAL03KH6R8K
L502	LAL03KH2R2M
L503	E526GN-100491
L504	LAL03KH6R8K
L505	LAL03KH2R2M
L506	LAL03VB101K
L550	LAL03VB101K
L551	LAL03VB101K
L570	LAL03VB101K
L571	LAL03VB101K
L610	LAL03VB101K
L611	LER015TR47K
L612	LER015TR47K
L650	E526GN-100491
L651	LAL03KH6R8K
L652	LAL03KH2R2M
L660	LAL03KH102K
L661	LAP02KR101K
L670	LAL03VB471K
L720	LER015T1R5M
L721	LER015T1R2M
L722	LER015T1R2M
L723	E526GN-100493

PCB

PB1	H-7PBJD0006
PC1	H-7PCJD0060A

PC2 H-7PCJD0076

Resister

R1	ERJ-12YJ223U
R2	ERJ-6GEYJ471V
R3	ERJ-6GEYJ510V
R8	ERJ-6GEYJ821V
R11-1	ERJ-6GEYJ102V
R11-2	ERJ-6GEYJ102V
R12	ERJ-6GEYJ470V
R13-1	ERJ-6GEYJ102V
R13-2	ERJ-6GEYJ102V
R21	ERJ-6GEYJ101V
R22	ERJ-6GEYJ221V
R23	ERJ-6GEYJ472V
R24	ERJ-6GEYJ332V
R25-1	ERJ-6GEYJ220V
R25-2	ERJ-6GEYJ220V
R26	ERJ-6GEYJ101V
R30	ERJ6GEY0R00V
R34-1	ERJ-6GEYJ101V
R34-2	ERJ-6GEYJ101V
R35	ERJ6GEY0R00V
R36	ERJ-6GEYJ824V
R37	ERJ-6GEYJ183V
R38	ERJ-6GEYJ331V
R41	ERJ-6GEYJ103V
R42	ERJ-6GEYJ331V
R43	ERJ-6GEYJ473V
R44	ERJ-6GEYJ473V
R45	ERJ-6GEYJ473V
R46	ERJ-6GEYJ473V
R47	ERJ-6GEYJ473V
R48	ERJ-6GEYJ473V
R49	ERJ-6GEYJ473V
R51	ERJ-6GEYJ682V
R52	ERJ-6GEYJ103V
R53	ERJ-6GEYJ682V
R54	ERJ-6GEYJ103V
R61	ERJ-6GEYJ470V
R62	ERJ-6GEYJ104V
R63	ERJ-6GEYJ104V
R64	ERJ-6GEYJ104V
R65	ERJ-6GEYJ470V
R71	ERJ-6GEYJ470V
R72	ERJ-6GEYJ104V
R73	ERJ-6GEYJ104V
R74	ERJ-6GEYJ104V
R75	ERJ-6GEYJ470V
R81	ERJ-6GEYJ470V
R82	ERJ-6GEYJ104V
R83	ERJ-6GEYJ104V
R84	ERJ-6GEYJ104V
R85	ERJ-6GEYJ470V
R91	ERJ-6GEYJ470V
R92	ERJ-6GEYJ104V
R93	ERJ-6GEYJ104V
R94	ERJ-6GEYJ104V
R95	ERJ-6GEYJ470V
R101	ERJ-6GEYJ470V

R111	ERJ-6GEYJ470V
R121	ERJ-6GEYJ470V
R131	ERJ-6GEYJ470V
R137	ERJ-6GEYJ470V
R147	ERJ-6GEYJ470V
R148-1	ERJ-6GEYJ102V
R148-2	ERJ-6GEYJ102V
R151	ERJ-6GEYJ221V
R152	ERJ-6GEYJ470V
R154	ERJ-6GEYJ102V
R155	ERJ-6GEYJ102V
R156	ERJ-6GEYJ221V
R158	ERJ-6GEYJ470V
R159	ERJ-6GEYJ470V
R161	ERJ-6GEYJ101V
R162	ERJ-6GEYJ332V
R163	ERJ-6GEYJ682V
R164	ERJ-6GEYJ220V
R165	ERJ-6GEYJ101V
R166	ERJ-6GEYK4R7V
R167	ERJ-6GEYJ101V
R168	ERJ-6GEYJ101V
R169	ERJ-6GEYJ102V
R172-1	ERJ-6GEYJ152V
R172-2	ERJ-6GEYJ152V
R173	ERJ-6GEYJ470V
R176	ERJ-6GEY0R00V
R177	ERJ-6GEYJ471V
R178	ERJ-6GEYJ821V
R181	ERJ-6GEYJ332V
R182	ERJ-6GEYJ472V
R183	ERJ-6GEYJ471V
R184	ERJ-6GEYJ330V
R185-1	ERJ-6GEYJ102V
R185-2	ERJ-6GEYJ102V
R190	ERJ-6GEYJ103V
R191-1	ERJ-6GEYJ102V
R191-2	ERJ-6GEYJ102V
R192-1	ERJ-6GEYJ102V
R192-2	ERJ-6GEYJ102V
R200	ERJ-6GEYJ152V
R201	ERJ-6GEYJ152V
R202	ERJ-6GEYJ470V
R203	ERJ-6GEYJ470V
R210	ERJ-6GEYJ102V
R211	ERJ-6GEYJ330V
R212	ERJ-6GEYJ103V
R213	ERJ6GEY0R00V
R214	ERJ-6GEYJ100V
R215	ERJ-6GEYJ221V
R216	ERJ-6GEYJ331V
R217	ERJ-6GEYJ332V
R218	ERJ-6GEYJ101V
R220	ERJ-6GEYJ222V
R221	ERJ-6GEYJ222V
R223	ERJ-6GEYJ470V
R224	ERJ-6GEYJ101V
R225	ERJ-6GEYJ332V
R226	ERJ-6GEYJ682V
R227	ERJ-6GEYJ220V

R228	ERJ-6GEYJ101V
R229	ERJ-6GEYJ102V
R230	ERJ-6GEYJ101V
R231	ERJ-6GEYJ101V
R232	ERJ-6GEYJ102V
R233	ERJ-6GEYJ102V
R234	ERJ-6GEYJ102V
R240	ERJ-6GEYJ102V
R241	ERJ-6GEYJ333V
R242	ERJ-6GEYJ333V
R243	ERJ-6GEYJ681V
R244	ERJ-6GEYJ681V
R245	ERJ-6GEYJ681V
R246	ERJ-6GEYJ102V
R247	ERJ-6GEYJ821V
R248	ERJ-6GEYJ682V
R249	ERJ-6GEYJ220V
R250	ERJ-6GEYJ272V
R251	ERJ-6GEYJ102V
R252	ERJ-6GEYJ272V
R253	ERJ-6GEYJ151V
R254	ERJ-6GEYJ681V
R255	ERJ-6GEYJ101V
R256	ERJ-6GEYJ101V
R257	ERJ-6GEYJ102V
R258	ERJ-6GEYJ121V
R260	ERJ-6GEYJ682V
R261	ERJ-6GEYJ682V
R262	ERJ-6GEYJ183V
R263	ERJ-6GEYJ682V
R264	ERJ-6GEYJ682V
R265	ERJ-6GEYJ331V
R266	ERJ-6GEYJ331V
R267	ERJ-6GEYJ220V
R268	ERJ-6GEYJ512V
R269	ERJ-6GEYJ512V
R270	ERJ-6GEYJ101V
R271	ERJ-6GEYJ101V
R272	ERJ-6GEYJ101V
R273	ERJ-6GEYJ101V
R274	ERJ-6GEYJ510V
R275	ERJ-6GEYJ561V
R276	ERJ-6GEYJ181V
R277	ERJ-6GEYJ181V
R280	ERJ-6GEYJ510V
R281	ERJ-6GEYJ182V
R282	ERJ-6GEYJ472V
R283	ERJ-6GEYJ332V
R284	ERJ-6GEYJ471V
R285	ERJ-6GEYJ220V
R286	ERJ-6GEYJ330V
R290	ERJ-6GEYJ333V
R291	ERJ-6GEYJ333V
R292	ERJ-6GEYJ821V
R293	ERJ-6GEYJ332V
R294	ERJ-6GEYJ332V
R295	ERJ-6GEYJ821V
R296	ERJ-6GEYJ102V
R297	ERJ-6GEYJ682V
R298	ERJ-6GEYJ272V

R299	ERJ-6GEYJ102V
R300	ERJ-6GEYJ220V
R301	ERJ-6GEYJ272V
R302	ERJ-6GEYJ151V
R305	ERJ-6GEYJ121V
R306	ERJ-6GEYJ153V
R307	ERJ-6GEYJ682V
R308	ERJ-6GEYJ561V
R309	ERJ-6GEYJ561V
R320	ERJ-3GEYJ223V
R321	ERJ-3GEYJ223V
R322	ERJ-3GEYJ223V
R323	ERJ-3GEYJ223V
R324	ERJ-3GEYJ223V
R325	ERJ-3GEYJ223V
R326	ERJ-3GEYJ223V
R327	ERJ-3GEYJ223V
R328	ERJ-3GEYJ223V
R329	ERJ-3GEYJ223V
R330	ERJ-3GEYJ223V
R331	ERJ-3GEYJ223V
R332	ERJ-3GEYJ223V
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R334	ERJ-3GEYJ223V
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R336	ERJ-3GEYJ223V
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R340	ERJ-3GEYJ223V
R341	ERJ-3GEYJ223V
R342	ERJ6GEYJ472V
R343	ERJ-3GEYJ223V
R344	ERJ6GEYJ471V
R345	ERJ-3GEYJ223V
R346	ERJ-3GEYJ223V
R347	ERJ-3GEYJ223V
R348	ERJ-3GEYJ223V
R350	ERJ6GEYJ271V
R351	ERJ6GEYJ104V
R352	ERJ6GEYJ102V
R353	ERJ6GEYJ102V
R354	ERJ6GEYJ102V
R355	ERJ6GEYJ510V
R360	ERJ6GEYJ472V
R361	ERJ6GEYJ102V
R362	ERJ6GEYJ102V
R363	ERJ6GEYJ102V
R364	ERJ6GEYJ102V
R365	ERJ6GEYJ102V
R380	ERJ-6GEYJ153V
R381	ERJ-6GEYJ333V
R382	ERJ-6GEYJ103V
R383	ERJ-6GEYJ103V
R384	ERJ-6GEYJ103V
R385	ERJ-6GEYJ682V
R386	ERJ-6GEYJ682V
R387	ERJ-6GEYJ682V
R388	ERJ-6GEYJ103V
R389	ERJ-6GEYJ512V

R390	ERJ-6GEYJ512V
R391	ERJ-6GEYJ683V
R400	ERJ-6GEYJ103V
R401	ERJ-6GEYJ564V
R402	ERJ-6GEYJ623V
R403	ERJ-6GEYJ103V
R404	ERJ-6GEYJ103V
R405	ERJ-6GEYJ103V
R406	ERJ-6GEYJ103V
R407	ERJ-6GEYJ333V
R408	ERJ-6GEYJ151V
R410	ERJ-6GEYJ101V
R411	ERJ-6GEYJ223V
R414	ERJ-6GEYJ103V
R415	ERJ-6GEYJ103V
R420	ERJ-6GEYJ103V
R430	ERJ-6GEYJ621V
R431	ERJ-6GEYJ103V
R432	ERJ-6GEYJ103V
R433	ERJ-6GEYJ512V
R434	ERJ-6GEYJ512V
R435	ERJ-6GEYJ512V
R436	ERJ-6GEYJ512V
R437	ERJ-6GEYJ621V
R438	ERJ-6GEYJ103V
R439	ERJ-6GEYJ103V
R440	ERJ-6GEYJ103V
R441	ERJ-6GEYJ103V
R442	ERJ-6GEYJ103V
R444	ERJ-6GEYJ223V
R445	ERJ-6GEYJ822V
R446	ERJ-6GEYJ103V
R447	ERJ-6GEYJ103V
R448	ERJ-6GEYJ331V
R449	ERJ-6GEYJ331V
R450	ERJ-6GEYJ512V
R451	ERJ-6GEYJ512V
R455	ERJ-6GEYJ103V
R456	ERJ-6GEYJ152V
R457	ERJ-6GEYJ103V
R458	ERJ-6GEYJ152V
R460	ERG2SJ221
R461	ERJ-6GEYJ622V
R462	ERJ-6GEYJ102V
R463	ERJ-14YJ102U
R464	ERJ-14YJ102U
R465	ERJ-14YJ102U
R466	ERJ-6GEYK2R2V
R467	ERJ-6GEYK2R2V
R470	ERJ-6GEYJ103V
R490	ERJ-6GEYJ103V
R499	ERG1SJ180
R500	ERJ6GEYJ101V
R501	ERJ6GEYJ471V
R502	ERJ6GEY0R00V
R503	ERJ6GEYJ473V
R504	ERJ6GEYJ101V
R505	ERJ6GEYJ101V
R506	ERJ6GEYJ471V
R507	ERJ6GEY0R00V

R508	ERJ6GEYJ473V
R509	ERJ6GEYJ101V
R510	ERJ6GEYJ472V
R511	ERJ6GEYJ153V
R512	ERJ6GEYJ511V
R513	ERJ6GEYJ153V
R514	ERJ6GEYJ103V
R515	ERJ6GEYJ102V
R516	ERJ6GEYJ471V
R517	ERJ6GEYJ472V
R518	ERJ6GEYJ153V
R519	ERJ6GEYJ511V
R520	ERJ6GEYJ153V
R521	ERJ6GEYJ103V
R522	ERJ6GEYJ821V
R523	ERJ6GEYJ102V
R524	ERJ6GEYJ472V
R525	ERJ6GEYJ153V
R526	ERJ6GEYJ511V
R527	ERJ6GEYJ223V
R528	ERJ6GEYJ511V
R529	ERJ6GEYJ472V
R530	ERJ6GEYJ153V
R531	ERJ6GEYJ511V
R532	ERJ6GEY0R00V
R533	ERJ6GEYJ820V
R534	ERJ6GEYJ473V
R535	ERJ6GEYJ104V
R550	ERJ6GEYJ561V
R551	ERJ6GEYJ681V
R552	ERJ6GEYJ123V
R560	ERJ6GEYJ223V
R561	ERJ6GEYJ223V
R570	ERJ6GEYJ223V
R571	ERJ6GEYJ223V
R572	ERJ6GEYJ392V
R573	ERJ6GEYJ470V
R610	ERJ6GEYJ101V
R611	ERJ6GEYJ822V
R612	ERJ6GEYJ153V
R613	ERJ6GEYJ511V
R614	ERJ6GEYJ223V
R615	ERJ6GEYJ561V
R616	ERJ6GEYJ103V
R617	ERJ6GEYJ272V
R618	ERJ6GEYJ682V
R619	ERJ6GEYJ153V
R620	ERJ6GEYJ511V
R627	ERJ6GEYJ682V
R628	ERJ6GEYJ153V
R629	ERJ6GEYJ511V
R650	ERJ-6GEYJ471V
R651	ERJ-6GEYJ101V
R652	ERJ6GEY0R00V
R653	ERJ-6GEYJ473V
R654	ERJ-6GEYJ101V
R660	ERJ-6GEYJ102V
R661	ERJ6GEYJ472V
R662	ERJ-6GEYJ101V
R670	ERJ-6GEYJ103V

R671	ERJ-6GEYJ103V
R672	ERJ-6GEYJ103V
R673	ERJ-6GEYJ103V
R674	ERJ-6GEYJ512V
R675	ERJ-6GEYJ512V
R700	ERJ-6GEYJ101V
R701	ERJ6GEYJ223V
R702	ERJ-6GEYJ103V
R703	ERJ-6GEYJ470V
R704	ERJ-6GEYJ102V
R730	ERJ-6GEYJ470V
R731	ERJ-6GEYJ101V
R732	ERJ-6GEYJ101V
R733	ERJ-6GEYJ470V
R800	ERJ-6GEYJ103V
RV151	EVM-7JSX30B13
RV251	EVM-7JSX30B23
RV400	EVN-D8AA03B14
RV430	EVN-D8AA03B14

Trans

T31	844CM-1011=P3
T61	YBTKXNS-37879X
T62	YBTKXNS-37879X
T71	YBTKXNS-37880X
T72	YBTKXNS-37880X
T81	A119ANS-19450N
T82	A119ANS-19450N
T91	A119ANS-19449N
T92	A119ANS-19449N
T151	H-7LHJD0009
T152	292GNS-7679N
T210	H-6LHJD00456
T220	H-6LHJD00389
T350	844CM-1011=P3
T351	844CM-1011=P3
T400	H-7LRJD0005
T430	NT14-102
T550	844CM-1011=P3
T700	292GNS-7051N
T701	292GNS-7051N
T702	292GNS-7051N
T703	292GNS-7051N
TH800	157-103-55001TP

Test Point

TP6	PCN6-PEA
TP20	PCN6-PEA
TP21	PCN6-PEA
TP45	PCN6-PEA
TP50	PCN6-PEA

Transistor

TR21	2SC3357-T1
TR41	DTC114EKAT146
TR51	2SA1213Y-TE12L
TR52	DTC114EKAT146
TR53	2SC2712Y-TE85L
TR54	2SC2712Y-TE85L
TR151	2SK2171-5-TD

TR152	2SK2171-5-TD
TR153	2SK2171-5-TD
TR154	2SK2171-5-TD
TR161	2SC3357-T1
TR171	DTC114EKAT146
TR181	2SC2714Y-TE85L
TR210	3SK131-T1V12
TR220	2SK2171-5-TD
TR221	2SK2171-5-TD
TR222	2SC3357-T1
TR280	2SC2714Y-TE85L
TR300	2SC2714-YTE85L
TR350	2SC2714-YTE85L
TR351	DTC114EKA-T146
TR352	DTC114EKA-T146
TR360	DTA114EKA-T146
TR361	DTC114EKA-T146
TR455	2SA1213Y-TE12L
TR456	2SC2712Y-TE85L
TR457	2SA1213Y-TE12L
TR458	DTC114EKAT146
TR460	2SC2712Y-TE85L
TR461	2SC3631
TR500	2SK210-BLTE85L
TR501	2SK210-BLTE85L
TR502	2SC2714-YTE85L
TR503	2SC2714-YTE85L
TR504	2SC2714-YTE85L
TR505	2SC2714-YTE85L
TR506	2SC2714-YTE85L
TR507	2SC2714-YTE85L
TR508	2SC2714-YTE85L
TR509	DTC114EKA-T146
TR510	DTC114EKA-T146
TR550	DTC114EKA-T146
TR551	2SC2714-YTE85L
TR560	2SA1162Y-TE85L
TR610	2SC2714-YTE85L
TR611	2SC2714-YTE85L
TR612	2SC2714-YTE85L
TR613	2SC2714-YTE85L
TR616	2SC2714-YTE85L
TR650	2SK210-BLTE85L
TR651	DTC114EKAT146
TR660	2SC2714Y-TE85L
TR670	2SC2714Y-TE85L
TR671	2SC2714Y-TE85L
TR700	2SC2714Y-TE85L

Cable

W200	XK6W-2CC-200
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Crystal Oscillator

X610	H-7XNJD0002
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Lamp

Z1	NE-38
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1.3 CAH-1960 PA UNIT

Surge Absorber

AR1 DSA-301LA-05

Capacitor

C1	C2012Y5V1E104Z-E-TP
C2	C2012Y5V1E104Z-E-TP
C3	C2012Y5V1E104Z-E-TP
C4	C2012SL1H561J-E-TP
C5	C2012Y5V1E104Z-E-TP
C6	C2012Y5V1E104Z-E-TP
C7	C2012Y5V1E104Z-E-TP
C8	C2012Y5V1E104Z-E-TP
C9	ECA1VM221
C10	C2012SL1H681J-E-TP
C11	C2012SL1H561J-E-TP
C12	C2012C0G1H220J-E-TP
C13	C2012SL1H681J-E-TP
C14	ECA1VM221
C15	C3216JF1H104Z-E-TP
C16	TCCR60E2D474MT
C17	ECA1VM221
C18	C3216JF1H104Z-E-TP
C19	DM19C821J5
C20	C3216JF1H104Z-E-TP
C21	ECA1VM221
C22	C2012Y5V1E104Z-E-TP
C23-1	C3216CH1H471J-E-TP
C23-2	C3216CH1H471J-E-TP
C24	DM19C102J5
C27	TCCR60E2D474MT
C28	TCCR60E2D474MT
C29	C2012Y5V1E104Z-E-TP
C30-1	C3216CH1H471J-E-TP
C30-2	C3216CH1H471J-E-TP
C31	DM19C102J5
C34	TCCR60E2D474MT
C35	TCCR60E2D474MT
C50	DM19C821J5
C52	DD14-64CH221J500
C53	DD14-64CH221J500
C54	DM19C152J5
C55	DD14-64CH271J500
C56	DM19C821J5
C57	DM19C152J5
C58	DM19C681J5
C59	DM19C681J5
C60	DD07-63CH390J500
C61	DD10-63CH121J500
C62	DM19C561J5
C63	DD09-63CH680J500
C64	DD07-63CH470J500
C65	DM19C112J5
C66	DD14-64CH221J500
C67	DD14-64CH221J500
C68	DD10-63CH121J500
C69	DD09-63CH680J500
C70	DD11-63SL471J500
C71	DD14-64CH271J500

C72	DD11-63CH151J500
C73	DD10-63SL331J500
C75	DD10-63SL331J500
C76	DM19C241J5
C77	DD09-63CH680J500
C78	DD10-63SL331J500
C79	DD14-64CH221J500
C80	DD14-64CH271J500
C81	DD08-63CH560J500
C82	DM19C511J5
C83	DD14-64CH221J500
C84	DD11-63CH151J500
C85	DD07-63CH390J500
C86	DD10-63CH121J500
C87	DD10-63CH121J500
C90	DD07-63CH390J500
C91	DD11-63CH151J500
C92	DD10-63CH101J500
C93	DD12-63CH181J500
C94	DD09-63CH680J500
C95	DD09-63CH680J500
C96	DD09-63CH680J500
C97	DD05-63CH180J500
C98	DD11-63CH151J500
C100	DD12-63CH181J500
C102	DD09-63CH680J500
C103	DD10-63CH101J500
C104	DD09-63CH820J500
C105	DD10-63CH101J500
C106	DD09-63CH680J500
C107	DD09-63CH820J500
C108	DD05-63CH150J500
C109	DD06-63CH270J500
C110	DD10-63CH101J500
C111	DD09-63CH680J500
C112	DD09-63CH820J500
C114	DD07-63CH390J500
C115	DD11-63CH151J500
C116	DD09-63CH820J500
C117	DD10-63CH121J500
C118	DD05-63CH220J500
C119	DD08-63CH560J500
C120	DD08-63CH560J500
C121	DD07-63CH390J500
C122	DD09-63CH680J500
C123	DD05-63CH220J500
C124	DD06-63CH270J500
C126	DD05-63CH150J500
C127	DD05-63CH150J500
C129	DD07-63CH470J500
C130	DD07-63CH470J500
C131	DD07-63CH330J500
C132	DD07-63CH330J500
C133	DD07-63CH390J500
C134	DD08-63CH560J500
C135	DD08-63CH560J500
C136	DD06-63CH270J500
C137	DD06-63CH270J500
C138	DD06-63CH270J500
C139	DD05-63CH220J500

C140	DD05-63CH180J500
C150	DD05-63CH050C500
C151	DD05-63CH050C500
C152	C2012SL1H331J-E-TP
C153	C2012SL1H331J-E-TP
C154	C2012Y5V1E104Z-E-TP
C155	C2012Y5V1E104Z-E-TP
C200	C2012Y5V1E104Z-E-TP
C201	ECA1EM472
C202	C2012Y5V1E104Z-E-TP
C203	C2012Y5V1E104Z-E-TP
C204	C2012Y5V1E104Z-E-TP
C205	C2012Y5V1E104Z-E-TP
C206	C2012Y5V1E104Z-E-TP
C207	C2012Y5V1E104Z-E-TP
C208	C2012Y5V1E104Z-E-TP
C209	C2012Y5V1E104Z-E-TP
C210	C2012Y5V1E104Z-E-TP
C211	C2012Y5V1E104Z-E-TP
C212	C2012Y5V1E104Z-E-TP
C213	C2012Y5V1E104Z-E-TP
C214	ECA1CM471
C215	ECA1CM471
C216	C2012Y5V1E104Z-E-TP
C217	C2012Y5V1E104Z-E-TP
C218	C2012Y5V1E104Z-E-TP
C219	C2012Y5V1E104Z-E-TP
C220	C2012Y5V1E104Z-E-TP
C221	C2012Y5V1E104Z-E-TP
C222	C2012Y5V1E104Z-E-TP
C223	C2012Y5V1E104Z-E-TP
C224	C2012Y5V1E104Z-E-TP
C225	C2012Y5V1E104Z-E-TP
C226	C2012Y5V1E104Z-E-TP
C227	C2012Y5V1E104Z-E-TP
C228	C2012Y5V1E104Z-E-TP
C229	C2012Y5V1E104Z-E-TP
C230	C2012Y5V1E104Z-E-TP
C231	C2012Y5V1E104Z-E-TP
C232	C2012Y5V1E104Z-E-TP
C233	C2012X7R1H102K-E-TP
C234	C2012X7R1H102K-E-TP
C235	C2012Y5V1E104Z-E-TP
C236	C2012Y5V1E104Z-E-TP
C237	C2012Y5V1E104Z-E-TP
C238	C2012Y5V1E104Z-E-TP
C239	ECA1EM471
C240	C2012Y5V1E104Z-E-TP
C241	ECA1CM471
C242	C2012Y5V1E104Z-E-TP
C243	C2012Y5V1E104Z-E-TP
C244	ECA1CM471
C245	C2012Y5V1E104Z-E-TP
C246	C2012Y5V1E104Z-E-TP
C247	C2012Y5V1E104Z-E-TP
C248	C2012Y5V1E104Z-E-TP
C249	C2012Y5V1E104Z-E-TP
C250	C2012Y5V1E104Z-E-TP
C251	C2012Y5V1E104Z-E-TP
C252	C2012Y5V1E104Z-E-TP

C253	C2012Y5V1E104Z-E-TP
C254	C2012Y5V1E104Z-E-TP
C255	C2012Y5V1E104Z-E-TP
C256	C2012Y5V1E104Z-E-TP
C257	C2012Y5V1E104Z-E-TP
C258	C2012Y5V1E104Z-E-TP
C259	C2012Y5V1E104Z-E-TP
C260	C2012X7R1H102K-E-TP
C261	C2012X7R1H102K-E-TP
C262	C2012Y5V1E104Z-E-TP
C263	C2012Y5V1E104Z-E-TP
C264	C2012Y5V1E104Z-E-TP
C265	C2012X7R1H102K-E-TP
C266	C2012X7R1H102K-E-TP
C267	C2012Y5V1E104Z-E-TP
C268	C2012Y5V1E104Z-E-TP
C269	C2012Y5V1E104Z-E-TP
C270	ECA1CM471
C271	ECA1CM471
C272	ECST1CY475R
C274	ECST1CY475R
C275	C2012Y5V1E104Z-E-TP

Diode

CD1	1SS184-TE85L
CD2	1SS184-TE85L
CD10	33ZR-07D
CD11	1SS184-TE85L
CD12	1SS184-TE85L
CD13	1SS184-TE85L
CD14	1SS184-TE85L
CD15	1SS184-TE85L
CD16	1SS184-TE85L
CD18	1SS184-TE85L
CD19	HZ30BP
CD20	1SS352-TPH3
CD21	1SS352-TPH3
CD22	RK33
CD23	1SS184-TE85L
CD24	SFPM-64V
CD25	1SS184-TE85L

FUSE

F1	1040
F2	1040
FH1	FUC0458
FH2	FUC0458

Integrated Circuits

IC1	NJM2902V(TE1)
IC2	NJM2119M-TE1
IC3	TC4013BF(N)
IC4	TC7S02F-TE85L
IC5	NJM2902V(TE1)
IC6	NJM2904V(TE1)
IC7	NJM2904V(TE1)
IC8	TD62003AF(TP1)
IC9	TC74HC238AF-TP1
IC10	NJM7809FA
IC11	NJM7805FA

Connector

J1	TMP-J01X-V6
J2	TMP-J01X-V6
J3	TMP-J01X-V6
J4	LPR6521-0801
J5	TMP-J01X-V6
J6	5569-12A1
J7	5569-06A1
J8	00-6208-526-310-000
J9	B6B-PH-K-S

Relay

K1	FBR56ND12-Y
K2	G6E-134PL-US DC12V
K10	G6E-134PL-US DC12V
K11	G6E-134PL-US DC12V
K12	G6E-134PL-US DC12V
K13	G6E-134PL-US DC12V
K14	G6E-134PL-US DC12V
K15	G6E-134PL-US DC12V
K16	G6E-134PL-US DC12V
K17	G6E-134PL-US DC12V
K18	G6E-134PL-US DC12V
K19	G6E-134PL-US DC12V
K20	G6E-134PL-US DC12V
K21	G6E-134PL-US DC12V

Inductor

L1	SK-8MS-4Y
L10	H-7LFJDA011
L11	H-7LFJDA004
L12	H-7LFJDA010
L13	H-7LFJDA004
L14	H-7LFJDA002
L15	H-7LFJDA002
L16	H-7LFJDA009
L17	H-7LFJDA008
L18	H-7LFJDA008
L19	H-7LFJDB009
L20	H-7LFJDB007
L21	H-7LFJDB008
L22	H-7LFJDB006
L23	H-7LFJDB004
L24	H-7LFJDB005
L25	H-7LFJDB003
L26	H-7LFJDB001
L27	H-7LFJDB002
L30	LAP02KR101K
L31	LAP02KR101K
L50	SK-8MS-4Y
L51	SK-8MS-4Y
L52	SK-8MS-4Y
L53	LAP02KR101K
L54	LAP02KR101K
L55	LAP02KR101K
L56	LAP02KR101K

PCB

PC1	H-7PCJD0062B
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Photo Coupler

PHT1	TLP121GR-TPL
PHT2	TLP121GR-TPL
PHT3	TLP121GR-TPL

Resister

R1	ERJ6GEYJ331V
R2	ERJ6GEYJ150V
R3	ERJ6GEYJ331V
R4-1	ERJ6GEYJ911V
R4-2	ERJ6GEYJ911V
R4-3	ERJ6GEYJ911V
R5	ERJ6GEYJ620V
R6-1	ERJ6GEYJ101V
R6-2	ERJ6GEYJ101V
R7	ERJ6GEYJ150V
R8	ERG1SJ680
R9	ERJ6GEYJ100V
R10	ERJ6GEYJ101V
R11	ERJ6GEYJ470V
R12-1	ERJ6GEYJ391V
R12-2	ERJ6GEYJ391V
R12-3	ERJ6GEYJ391V
R13	ERJ6GEYJ271V
R14-1	ERJ-8GEYK3R3V
R14-2	ERJ-8GEYK3R3V
R14-3	ERJ-8GEYK3R3V
R15	ERJ6GEYJ151V
R16-1	ERJ6GEYJ270V
R16-2	ERJ6GEYJ270V
R16-3	ERJ6GEYJ270V
R17-1	ERJ6GEYJ301V
R17-2	ERJ6GEYJ301V
R18	ERJ-8GEYJ2R2V
R19	ERJ-8GEYJ2R2V
R20	ERJ-8GEYJ330V
R21	ERJ-8GEYJ330V
R22	ERJ14YJ3R3U
R23	ERJ14YJ3R3U
R24	ERG1SJ301
R25	ERG2SJ180
R26	ERG2SJ180
R27	ERG1SJ301
R28-1	ERG3SJ201
R28-2	ERG3SJ201
R29	ERG1SJ301
R30	ERG1SJ301
R31-1	ERX1SJ2R2
R31-2	ERX1SJ2R2
R32-1	ERX1SJ2R2
R32-2	ERX1SJ2R2
R33	ERG3SJ100
R34	ERG3SJ100
R35-1	ERX1SJ2R2
R35-2	ERX1SJ2R2
R36-1	ERX1SJ2R2
R36-2	ERX1SJ2R2
R37	ERG3SJ100
R38	ERG3SJ100

R39	RNP-50SC200ohmF
R50	ERG1SJ150
R51	ERG1SJ150
R52	ERJ6GEYJ103V
R53	ERJ6GEYJ103V
R100	TS6-0.004ohmJ
R101	RR1220P-101-B
R102	RR1220P-102-B
R103	RR1220P-101-B
R104	RR1220P-102-B
R105	ERJ6GEYJ103V
R106	ERJ6GEYJ202V
R107	RR1220P-472-B
R108	RR1220P-104-B
R109	RR1220P-472-B
R110	RR1220P-104-B
R111	ERJ6GEYJ102V
R112	ERJ6GEYJ562V
R113	ERJ6GEYJ103V
R114	ERJ6GEYJ103V
R115	ERJ6GEYJ301V
R116	ERJ6GEYJ102V
R117-1	ERJ6GEYJ122V
R117-2	ERJ6GEYJ122V
R117-3	ERJ6GEYJ122V
R117-4	ERJ6GEYJ122V
R119	ERJ6GEYJ103V
R120	ERJ6GEYJ103V
R121	ERJ6GEYJ103V
R122	ERJ6GEYJ301V
R123	ERJ6GEYJ301V
R124	ERJ6GEYJ301V
R126	ERJ6GEYJ103V
R127	ERJ6GEYJ103V
R128	ERJ6GEYJ103V
R129	ERJ6GEYJ102V
R130	ERJ6GEYJ202V
R131	ERJ6GEYJ104V
R132	ERJ6GEYJ104V
R135	ERJ6GEYJ102V
R136	ERJ6GEYJ202V
R140	ERJ6GEYJ102V
R141	ERJ6GEYJ102V
R142	ERJ6GEYJ102V
R144	ERJ6GEYJ102V
R145	ERJ6GEYJ102V
R146	ERJ6GEYJ102V
R147	ERJ6GEYJ102V
R148	ERJ6GEYJ102V
R149	ERJ6GEYJ102V
R150	ERJ6GEYJ301V
R151-1	ERJ6GEYJ302V
R151-2	ERJ6GEYJ302V
R151-3	ERJ6GEYJ302V
R152-1	ERJ6GEYJ302V
R152-2	ERJ6GEYJ302V
R152-3	ERJ6GEYJ302V
R153	ERJ6GEYJ302V
R154	ERJ6GEYJ103V
R155	ERJ6GEYJ621V

R156	ERJ6GEYJ104V
RV1	EVN-D8AA03B14
RV2	EVN-D8AA03B14
RV3	EVN-D8AA03B14

Posistor

TH1	PTH9M04BH471TS2F333
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Trans

T1	H-7LHJD0010
T2	H-7LHJD0011
T3	H-7LHJD0011
T4	H-7LHJD0012
T5	H-7LHJD0013A
T6	H-7LHJD0014
T7	H-7LHJD0015
T8	H-7LHJD0015
T9	H-7LHJD0016
T10	H-7LHJD0016
T11	H-7LHJD0017
T12	H-7LHJD0017
T13	H-7LHJD0018
T14	H-7LHJD0019A
T20	616CM1130=P3

Transistor

TR1	2SC2053-101
TR2	2SC2053-101
TR3	2SC1971
TR4	2SC2540
TR5	2SC2540
TR6	2SC2782
TR7	2SC2782
TR8	2SC2782
TR9	2SC2782
TR20	2SA1162-YTE85L
TR22	2SC2712-YTE85L
TR23	2SD1005-BVH-T2
TR24	2SD1005-BVH-T2
TR25	2SD1005-BVH-T2
TR26	DTC114EKA-T146
TR27	DTC114EKA-T146
TR28	2SB1204S-TL
TR29	2SC2712-YTE85L
TR30	2SC2859-YTE85L
TRS1	BFG-30 D-1
TRS2	H-7ZYJD0003

Cable

W1	H-7ZCJD0046
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1.4 JSB-196 CHASSIS

FAN		
	B1	H-7BZJD0001
Connector		
	J1	FM214-8SM
Speaker		
	SP1	F51G01-3
Cable		
	W1	H-7ZCJD0037B
	W2	H-7ZCJD0037B
	W3	H-7ZCJD0037B
	W4	H-7ZCJD0038B
	W5	H-7ZCJD0039
	W6	H-7ZCJD0040A
	W10	H-7ZCJD0041A
	W11	H-7ZCJD0042A
	W12	H-7ZCJD0048

2. ANTENNA TUNER NFC-196

2.1 CFG-196 MATCHING UNIT

FAN

B1 FBA06T12H

Capacitor

C1	C2012JF1E104Z-E-TP
C2	C2012JF1E104Z-E-TP
C3	SME25VB100M
C4	C2012JF1E104Z-E-TP
C5	C2012JF1E104Z-E-TP
C6	SME25VB100M
C7	SME25VB100M
C8	ECCD2H050CC5
C9	C2012C0G1H220J-E-TP
C10	C2012C0G1H220J-E-TP
C11	C2012C0G1H330J-E-TP
C12	C2012JB1H103K-E-TP
C13	C2012C0G1H050C-E-TP
C14	C2012C0G1H050C-E-TP
C15	C2012C0G1H101J-E-TP
C16	C2012C0G1H101J-E-TP
C17	SME25VB100M
C18	SME25VB100M
C19	SME25VB100M
C20	SME25VB100M
C21	C2012C0G1H220J-E-TP
C22	C2012C0G1H220J-E-TP
C23	C2012C0G1H181J-E-TP
C24	C2012C0G1H181J-E-TP
C25	ECCD2H030CC5
C26	ECCD2H030CC5
C27	C2012JB1H103K-E-TP
C28	C2012X7R1H102K-E-TP
C29	C2012X7R1H102K-E-TP
C30	C2012X7R1H102K-E-TP
C31	C2012X7R1H102K-E-TP
C32	C2012X7R1H102K-E-TP
C33	C2012X7R1H102K-E-TP
C34	C2012JF1E104Z-E-TP
C35	C2012JF1E104Z-E-TP
C36	C2012JF1E104Z-E-TP
C37	C2012JF1E104Z-E-TP
C38	C2012JF1E104Z-E-TP
C39	C2012JF1E104Z-E-TP
C40	C2012JF1E104Z-E-TP
C41	C2012JF1E104Z-E-TP
C42	C2012JF1E104Z-E-TP
C43	C2012JF1E104Z-E-TP
C44	C2012JF1E104Z-E-TP
C45	C2012JF1E104Z-E-TP
C46	C2012JF1E104Z-E-TP
C47	C2012JF1E104Z-E-TP
C48	C2012JF1E104Z-E-TP
C49	C2012JF1E104Z-E-TP
C50	C2012JF1E104Z-E-TP
C51	C2012JF1E104Z-E-TP
C52	C2012JF1E104Z-E-TP

C53	C2012JF1E104Z-E-TP
C54	C2012JF1E104Z-E-TP
C55	C2012JF1E104Z-E-TP
C56	C2012JF1E104Z-E-TP
C57	C2012JF1E104Z-E-TP
C58	C2012JF1E104Z-E-TP
C59	C2012JF1E104Z-E-TP
C60	C2012JF1E104Z-E-TP
C61	C2012JF1E104Z-E-TP
C62	C2012JF1E104Z-E-TP
C63	C2012JF1E104Z-E-TP
C64	C2012JB1H103K-E-TP
C65	C2012JB1H103K-E-TP
C66	C2012JB1H103K-E-TP
C68	C2012JB1H103K-E-TP
C69	C2012JB1H103K-E-TP
C70	C2012JB1H103K-E-TP
C71	C2012JB1H103K-E-TP
C72	C2012JB1H103K-E-TP
C73	C2012JB1H103K-E-TP
C74	C2012JB1H103K-E-TP
C75	C2012JB1H103K-E-TP
C77	C2012JB1H103K-E-TP
C78	C2012JB1H103K-E-TP
C79	C2012JB1H103K-E-TP
C80	C2012JB1H103K-E-TP
C81	C2012JB1H103K-E-TP
C82	C2012JB1H103K-E-TP
C83	C2012JB1H103K-E-TP
C84	C2012JB1H103K-E-TP
C85	C2012JB1H103K-E-TP
C86	C2012JB1H103K-E-TP
C87	C2012JB1H103K-E-TP
C88	C2012JB1H103K-E-TP
C89	C2012C0G1H181J-E-TP
C90	C2012JB1H103K-E-TP
C91	C2012JB1H103K-E-TP
C92	SME25VB100M
C93	SME25VB100M
C101	C2012JB1H103K-E-TP
C102	C2012JB1H103K-E-TP
C103	C2012JB1H103K-E-TP
C201	DE0505SL560J1K
C202	DE0505SL560J1K
C203	DE0605SL101J1K
C204	DE0605SL121J1K
C205	DE0605SL121J1K
C206	DE0605SL101J1K
C207	DE0605SL101J1K
C208	DE0605SL121J1K
C209	DE0905SL271J1K
C210	DE0705SL181J1K
C211	DE0705SL181J1K
C212	DE0905SL271J1K
C213	DE1105SL471J1K
C214	DE1005SL391J1K
C215	DE1005SL391J1K
C216	DE1105SL471J1K
C217	DM19C182J5
C218	DM19C182J5

C241	DE0910SL470J6K
C242	DE1010SL560J6K
C243	DE0907SL101J3K
C244	DE0907SL101J3K
C245	DE0907SL101J3K
C246	DE0907SL101J3K
C247	DE0907SL101J3K
C248	DE0907SL101J3K
C249	DE0907SL101J3K
C250	DE0907SL101J3K
C251	DE0907SL101J3K
C252	DE0907SL101J3K
C253	DE0907SL101J3K
C254	DE0907SL101J3K
C261	DE1210SL680J6K
C262	DE1210SL680J6K
C263	DE1210SL680J6K
C264	DE1210SL680J6K
C271	DE1210SL680J6K
C272	DE1410SL121J6K
C273	DE1410SL121J6K
C274	DE1410SL121J6K
C302	C2012JB1H103K-E-TP
C305	C2012JB1H103K-E-TP
C306	C2012JB1H103K-E-TP
C310	C2012JB1H103K-E-TP
C311	C2012JB1H103K-E-TP
C312	C2012JB1H103K-E-TP
C313	C2012JB1H103K-E-TP
C314	C2012JB1H103K-E-TP

Diode

CD1	U05C
CD2	1SS108
CD3	1SS108
CD4	1SS108
CD5	1SS108
CD6	1SS108
CD7	1SS181_TE85L
CD8	1SS181_TE85L

Integrated Circuits

IC1	UPD784031YGC-8BT
IC2	AT24C64N-10SI-2.7-TEL
IC3	M51953BL
IC4	NJM7805FA
IC5	TC74HC573AF(EL)
IC6	M27C256B-12F1
IC7	TD62083AP
IC8	TD62083AP
IC9	TD62083AP
IC10	NJM2904M-T1
IC11	NJM2904M-T1
IC12	NJM2901M-T2
IC13	TC74AC04F-TP1
IC14	TC74AC74F-TP1
ICS6	ICC05-028-360TP

Connector

J1	IL-S-4P-S2T2-EF
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J3	IL-S-4P-S2T2-EF
J4	IL-S-4P-S2T2-EF
J10	FFC-3AMEP1
J11	FFC-3AMEP1
P10	DIC-252
P11	DIC-252
TB1	MKDSN1.5/6-5.08
TB2	OT-009-M4
TB3	OT-009-M4
TB4	OT-009-M4
TB5	OT-009-M4
TB6	F4062C
TB7	F4062C
TB101	OT-009-M4

Relay

K1	G2R-1A-AP_DC12V
K2	G2R-1A-AP_DC12V
K3	G2R-1A-AP_DC12V
K4	G2R-1A-AP_DC12V
K5	G2R-1A-AP_DC12V
K6	G2R-1A-AP_DC12V
K11	G2R-1A-AP_DC12V
K12	G2R-1A-AP_DC12V
K13	G2R-1A-AP_DC12V
K14	G2R-1A-AP_DC12V
K15	G2R-1A-AP_DC12V
K16	G2R-1A-AP_DC12V
K17	G2R-1A-AP_DC12V
K18	G2R-1A-AP_DC12V
K19	G2R-1A-AP_DC12V
K20	G2R-1A-AP_DC12V
K21	G2R-1A-AP_DC12V
K31	G2R-1A-AP_DC12V
K32	G2R-1A-AP_DC12V
K33	G2R-1A-AP_DC12V
K34	G2R-1A-AP_DC12V
K35	G2R-1A-AP_DC12V
K36	G2R-1A-AP_DC12V
K41	G2R-1A-AP_DC12V
K42	G2R-1A-AP_DC12V
K43	G2R-1A-AP_DC12V

Inductor

L1	SK-8MS-4Y
L2	LAL04SK_101K
L3	LAP02KR101K
L4	LAP02KR101K
L5	LAP02KR101K
L6	LAP02KR101K
L7	LAN02KR331J
L8	LAP02KR101K
L100	H-7LDJD0001A
L101	H-7LDJD0002A
L102	H-7LDJD0003A
L103	H-7LDJD0004A
L104	H-7LDJD0005A
L105	H-7LDJD0006A
L106	H-7LDJD0007A
L107	H-7LDJD0008A

	L108	H-7LDJD0009A
	L109	H-7LDJD0010A
PCB		
	PC1	H-7PCJD0063A
Photo coupler		
	PHT1	TLP521-1-GB(GB_GR_BL)
	PHT2	TLP521-1-GB(GB_GR_BL)
	PHT3	TLP521-1-GB(GB_GR_BL)
Resister		
	R1	ERJ6GEYJ102V
	R2	ERJ6GEYJ162V
	R3	ERJ6GEYJ102V
	R4	ERJ6GEYJ102V
	R5	ERJ6GEYJ681V
	R6	ERJ6GEYJ102V
	R7	ERJ6GEYJ102V
	R8	ERJ6GEYJ102V
	R9	ERJ6GEYJ102V
	R10	ERJ6GEYJ102V
	R11	ERJ6GEYJ103V
	R12	ERJ6GEYJ103V
	R13	ERJ6GEYJ103V
	R14	ERJ6GEYJ103V
	R15	ERJ6GEYJ103V
	R16	ERJ6GEYJ103V
	R17	ERJ6GEYJ103V
	R18	ERJ6GEYJ103V
	R19	ERJ6GEYJ103V
	R20	ERJ6GEYJ331V
	R21	ERJ6GEYJ331V
	R22	ERJ6GEYJ331V
	R23	ERJ-8GEYJ222V
	R24	ERJ-8GEYJ222V
	R25	ERJ6GEYJ104V
	R26	ERJ6GEYJ104V
	R29	ERJ6GEYJ102V
	R30	ERJ6GEYJ102V
	R31	ERJ6GEYJ274V
	R32	ERJ6GEYJ274V
	R33	ERJ6GEYJ681V
	R34	ERJ6GEYJ272V
	R35	ERJ6GEYJ472V
	R36	ERJ6GEYJ681V
	R37	ERJ6GEYJ472V
	R38	ERJ6GEYJ472V
	R39	ERJ6GEYJ472V
	R40	ERJ6GEYJ102V
	R41	ERJ6GEYJ272V
	R42	ERJ6GEYJ472V
	R43	ERJ6GEYJ472V
	R44	ERJ6GEYJ472V
	R45	ERJ6GEYJ472V
	R46	ERJ6GEYJ472V
	R47	ERJ6GEYJ472V
	R48	ERJ6GEYJ472V
	R49	ERJ6GEYJ472V
	R50	ERJ6GEYJ104V

R51	ERJ6GEYJ104V
R52	ERJ6GEYJ472V
R53	ERJ6GEYJ472V
R54	ERJ1WYJ560U
R55	ERJ1WYJ560U
R56	ERJ1WYJ560U
R57	ERJ1WYJ560U
R58	ERJ1WYJ390U
R59	ERJ1WYJ390U
R66	ERG1SJ683
R74	ERJ6GEYJ100V
R75	ERJ6GEYJ100V
R76	ERJ6GEYJ100V
R77	ERJ6GEYJ100V
R78	ERJ6GEYJ100V
R79	ERJ6GEYJ100V
R80	ERJ6GEYJ100V
R81	ERJ6GEYJ100V
R82	ERJ6GEYJ100V
R83	ERJ6GEYJ100V
R84	ERJ6GEYJ100V
R85	ERJ6GEYJ100V
R86	ERJ6GEYJ100V
R87	ERJ6GEYJ100V
R88	ERJ6GEYJ100V
R89	ERJ6GEYJ100V
R90	ERJ6GEYJ100V
R91	ERJ6GEYJ100V
R92	ERJ6GEYJ100V
R93	ERJ6GEYJ100V
R94	ERJ6GEYJ100V
R95	ERJ6GEYJ100V
R96	ERJ6GEYJ100V
R97	ERJ6GEYJ100V
R98	ERJ6GEYJ100V
R99	ERJ6GEYJ100V
R100	ERJ6GEYJ100V
R101	ERJ6GEYJ100V
R102	ERG1SJ180
R103	ICP-F50

Thermistor	
RT	NTCCM16084BH103JCT

Surge Absorber	
SA1	DSA-301LA-05
SA2	DSA-452MA

Trans	
T1	H-7LHJD0019A
T101	SK-8MS-4Y

Transistor	
TR1	2SA1162-GR-TE85L
TR2	2SA1162-GR-TE85L
TR3	2SA1162-GR-TE85L
TR4	2SA1162-GR-TE85L
TR5	2SC2873Y-TE12L
TR6	2SA1162-GR-TE85L
TR7	2SA1162-GR-TE85L

Trans cable

TW1 AF05B100SA

TW101 J11B1236A

Crystal oscillator

X1 AT-51 F=19.6608MHz

3. DSC TERMINAL NCT-196

3.1 CDJ-1999 CONTROL BOARD

Attenuator

ATT1 AS2710U600 ㊦_1DB

Buzzer

BZ1 MEB-12C-5

Capacitor

C1 EECF5R5U105
C2 GRM39B104K16PT
C3 GRM39B104K16PT
C5 267M3502105MR
C6 267M3502105MR
C7 267M3502105MR
C8 267M3502105MR
C9 267M3502105MR
C10 267M3502105MR
C11 GRM39B103K50PT
C12 GRM39B103K50PT
C13 GRM39B103K50PT
C20 GRM39B103K50PT
C21 RPE123F105Z50
C22 GRM39CH101J50PT
C23 267M2502106MR
C24 267M3502105MR
C25 GRM39B104K16PT
C26 267M3502105MR
C27 GRM39B104K16PT
C28 267M3502105MR
C29 GRM39B104K16PT
C30 267M3502105MR
C31 GRM39B104K16PT
C32 267M3502105MR
C33 GRM39B104K16PT
C34 267M3502105MR
C35 GRM39B104K16PT
C36 GRM39B104K16PT
C37 267M2502474MR
C38 267M2502106MR
C39 GRM39B104K16PT
C40 267M2502474MR
C41 267M2502106MR
C42 GRM40B103K50PT
C43 GRM39B102K50PT
C44 GRM39B102K50PT
C45 GRM39B102K50PT
C46 GRM39B102K50PT
C47 GRM39B102K50PT
C48 GRM39B102K50PT
C49 GRM39B102K50PT
C50 GRM39B473K16PT
C51 267M3502105MR
C52 GRM39B104K16PT
C53 267M3502105MR
C54 GRM39B104K16PT
C55 GRM40R222K50-PT
C56 GRM40R222K50-PT

C57	GRM40R222K50-PT
C58	GRM40R222K50-PT
C59	ECJ2VF1E224Z
C101	GRM39B104K16PT
C102	GRM39B104K16PT
C104	267M3502105MR
C105	GRM39B104K16PT
C106	GRM39B104K16PT
C107	GRM39B104K16PT
C108	GRM39B104K16PT
C109	GRM39B104K16PT
C110	GRM39B104K16PT
C111	GRM39B104K16PT
C112	GRM39B104K16PT
C113	GRM39B104K16PT
C114	GRM39B104K16PT
C116	GRM39B104K16PT
C117	GRM39B104K16PT
C118	GRM39B104K16PT
C119	GRM39B104K16PT
C120	GRM39B104K16PT
C121	GRM39B104K16PT
C122	GRM39B104K16PT
C123	GRM39B104K16PT
C130	GRM39B104K16PT
C131	GRM39F104Z25PT
C132	GRM39F104Z25PT
C133	GRM39F104Z25PT
C134	GRM39F104Z25PT
C135	GRM39F104Z25PT
C136	GRM39F104Z25PT
C140	GRM39B104K16PT
C141	GRM39F104Z25PT
C142	GRM39F104Z25PT
C143	GRM39F104Z25PT
C144	GRM39F104Z25PT
C145	GRM39F104Z25PT
C146	GRM39F104Z25PT
C151	267M3502105MR
C152	267M3502105MR
C157	267M3502105MR
C162	267M3502105MR
C201	GRM39B104K16PT
C202	GRM39B104K16PT
C203	GRM39B104K16PT
C204	GRM39B104K16PT
C205	GRM39B104K16PT
C206	GRM39B104K16PT
C207	GRM39B104K16PT
C208	GRM39B104K16PT
C209	GRM39B104K16PT
C210	GRM39B104K16PT
C211	GRM39B104K16PT
C213	GRM39B104K16PT
C221	267M3502105MR
C222	267M3502105MR
C223	267M3502105MR
C224	GRM39B104K16PT
C225	GRM39B104K16PT
C226	GRM39F104Z25PT

C251	267M3502105MR
C254	267M3502105MR
C257	267M3502105MR
C301	ECA1EM471
C302	GRM39F104Z25PT
C303	ECA1EM101
C304	ECA1EM101
C305	267M2502474MR
C306	GRM39F104Z25PT
C307	ECA1EM101
C308	267M2502474MR
C309	GRM39F104Z25PT
C310	ECA1EM101
C311	267M2502474MR
C312	GRM39F104Z25PT
C313	ECA1EM101
C314	267M2502474MR
C315	GRM39F104Z25PT
C316	ECA1EM101
C317	267M2502474MR
C318	GRM39F104Z25PT
C319	ECA1EM101
C320	GRM39F104Z25PT
C321	GRM39F104Z25PT

Diode

CD1	1SS294_TE85L
CD2	1SS193-TE85L
CD3	XB15A402
CD4	XB15A402
CD5	XB15A402
CD6	XB15A402
CD7	XB15A402
CD8	XB15A402
CD9	02CZ5.1-Y-TE85L
CD10	02CZ5.1-Y-TE85L
CD11	1SS193-TE85L
CD12	1SS193-TE85L
CD13	1SS193-TE85L
CD14	1SS193-TE85L
CD15	MCD-5221L
CD16	1SS193-TE85L
CD17	1SS193-TE85L
CD18	1SS193-TE85L
CD19	1SS193-TE85L
CD20	02CZ5.1-Y-TE85L
CD21	02CZ5.1-Y-TE85L
CD22	02CZ5.1-Y-TE85L
CD23	SPB-G56S-VL
CD24	SPB-G56S-VL
CD201	1SS193-TE85L
CD202	1SS193-TE85L
CD203	1SS193-TE85L
CD204	1SS193-TE85L

Filter

FL1	DSS310-55D223S
FL2	DSS310-55D223S
FL3	DSS310-55D223S
FL4	DSS310-55D223S

FL5	EXCCET103U
FL6	EXCCET103U
FL13	EXCCET103U
FL14	EXCCET103U
FL15	EXCCET103U
FL16	DSS310-55D223S
FL17	DSS310-55D223S
FL201	EXCCET103U
FL202	EXCCET103U
FL203	EXCCET103U
FL204	EXCCET103U
FL205	EXCCET103U
FL206	EXCCET103U
FL207	EXCCET103U
FL208	EXCCET103U
FL209	EXCCET103U
FL210	EXCCET103U
FL211	EXCCET103U
FL212	EXCCET103U
FL213	EXCCET103U
FL214	EXCCET103U
FL215	EXCCET103U
FL301	DSS310-55D223S

Fuse

F1	7127-3014
FS1	FUC0458

Integrated Circuits

IC1	HD64180ZRFS8
IC2	M27C512-12F1
IC3	LH52256CN-85LL
IC4	HN58V66AFP-10
IC5	RTC-62423A
IC6	TC74VHC245FT-EL
IC7	H-7DDJD0003
IC8	TC7W139F-TE12L
IC9	M51953AFP-600D
IC10	Z84C4306FEC
IC11	Z84C3006FEC
IC12	MSM82C54-2GS-K-R1
IC13	TC74VHC541FT-EL
IC14	TC74VHC273FT(EL)
IC15	TD62004F-TP1
IC16	TC74VHC541FT-EL
IC17	TC74VHC273FT(EL)
IC18	TC74VHC4040FT(EL)
IC19	TC74VHC74FT-EL
IC20	TC74VHC74FT-EL
IC21	TC74VHC74FT-EL
IC22	TC74VHC00FT-EL
IC23	TC74VHC74FT-EL
IC24	SN75189ANS
IC26	LTC1060CS
IC27	LTC1060CS
IC28	LTC1060CS
IC29	LTC1060CS
IC30	TC4053BF_EL_N
IC31	NJM4558V(TE1)
IC32	NJM4558V(TE1)

IC33	NJM4558V(TE1)
IC34	NJM4558V(TE1)
IC35	NJM4558V(TE1)
IC36	NJM4558V(TE1)
IC37	MAX232EWE-TE2
IC201	HD64180ZRFS8
IC202	TC74VHC245FT-EL
IC203	LH52256CN-85LL
IC204	M27C512-12F1
IC205	TC4053BF_EL_N
IC206	MSM82C55A-2GS-2K
IC207	H-7DDJD0004
IC208	TC74VHC574FT-EL
IC209	TC4051BF_EL_N
IC210	TC7S04F-TE85L
IC211	M51953AFP-600D
IC212	NJM317F
IC213	Z84C2006FEC
IC301	NJM7805FA
IC302	NJM7805FA
IC303	NJM7809FA
IC304	TA79L05F-TE12L
IC305	NJM79M09DL1A-TE1
ICS2	IC26-2806-GS4
ICS204	IC26-2806-GS4

Connector

J1	5569-02A1
J2	XM2C-0912-112
J3	00-6208-518-310-000
J6	TMP-J01X-A2
J201	XM3B-2522-112
J202	00-6208-518-310-000
J203	00-6208-530-410-000
TB1	ML-800S1H-2P
TB2	ML-800S1H-7P
TB3	PB-1-S
TB4	PB-1-S

Inductor

L1	LAL03VB100K
L2	LAL04KB331K
L3	LAL04KB331K

PCB

PC1	H-7PCJD0073A
PD1	H-7PDJD0012A

Photo Coupler

PHT1	TLP121
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DC-DC Converter

PS1	ZUW251212
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Resister

R1	ERJ6GEYJ221V
R2	ERJ6GEYJ103V
R3	ERJ6GEYJ103V
R4	ERJ6GEYJ103V
R5	ERJ6GEYJ103V

R6	ERJ6GEYJ103V
R7	ERJ6GEYJ103V
R8	ERJ6GEYJ103V
R9	ERJ6GEYJ103V
R10	ERJ6GEYJ103V
R11	ERJ6GEYJ103V
R12	ERJ6GEYJ103V
R13	ERJ6GEYJ103V
R14	ERJ6GEYJ103V
R15	ERJ6GEYJ103V
R16	ERJ6GEYJ103V
R17	ERJ6GEYJ103V
R18	ERJ6GEYJ103V
R19	ERJ6GEYJ103V
R20	ERJ6GEYJ103V
R21	ERJ6GEYJ331V
R22	ERJ6GEYJ103V
R23	ERJ6GEYJ103V
R24	ERJ6GEYJ103V
R25	ERJ6GEYJ103V
R26	ERJ6GEYJ103V
R27	ERJ6GEYJ103V
R28	ERJ6GEYJ103V
R29	ERJ6GEYJ472V
R30	ERJ6GEYJ472V
R31	ERJ6GEYJ123V
R32	ERJ6GEYJ123V
R33	ERJ6GEYJ123V
R34	ERJ14YK1R0U
R35	ERJ14YK1R0U
R36	ERJ14YK1R0U
R37	ERJ6GEYJ681V
R38	ERJ6GEYJ681V
R39	ERJ6GEYJ512V
R40	ERJ6GEYJ621V
R41	ERJ6GEYJ102V
R42	ERJ6GEYJ103V
R43	ERJ6GEYJ332V
R44	ERJ6GEYJ102V
R45	ERJ6GEYJ564V
R46	ERJ6GEYJ203V
R47	ERJ6GEYJ153V
R48	ERJ6GEYJ203V
R49	ERJ6GEYJ103V
R50	ERJ6GEYJ753V
R51	ERJ6GEYJ512V
R52	ERJ6GEYJ203V
R53	ERJ6GEYJ203V
R54	ERJ6GEYJ622V
R55	ERJ6GEYJ100V
R56	ERJ6GEYJ203V
R57	ERJ6GEYJ134V
R58	ERJ6GEYJ470V
R59	ERJ6GEYJ621V
R60	ERJ6GEYJ622V
R61	ERJ6GEYJ164V
R62	ERJ6GEYJ513V
R63	ERJ6GEYJ124V
R64	ERJ6GEYJ912V
R65	ERJ6GEYJ334V

R66	ERJ6GEYJ823V
R67	ERJ6GEYJ274V
R68	ERJ6GEYJ203V
R69	ERJ6GEYJ224V
R70	ERJ6GEYJ333V
R71	ERJ6GEYJ224V
R72	ERJ6GEYJ622V
R73	ERJ6GEYJ394V
R74	ERJ6GEYJ823V
R75	ERJ6GEYJ474V
R76	ERJ6GEYJ153V
R77	ERJ6GEYJ184V
R78	ERJ6GEYJ303V
R79	ERJ6GEYJ224V
R80	ERJ6GEYJ682V
R81	ERJ6GEYJ474V
R82	ERJ6GEYJ823V
R83	ERJ6GEYJ474V
R84	ERJ6GEYJ183V
R85	ERJ6GEYJ474V
R86	ERJ6GEYJ103V
R87	ERJ6GEYJ511V
R88	ERJ6GEYJ103V
R89	ERJ6GEYJ103V
R90	ERJ6GEYJ511V
R91	ERJ6GEYJ103V
R92	ERJ6GEYJ474V
R93	ERJ6GEYJ103V
R94	ERJ6GEYJ511V
R95	ERJ6GEYJ103V
R96	ERJ6GEYJ103V
R97	ERJ6GEYJ511V
R98	ERJ6GEYJ103V
R99	ERJ6GEYJ682V
R100	ERJ6GEYJ104V
R101	ERJ6GEYJ474V
R102	ERJ6GEYJ104V
R103	ERJ6GEYJ474V
R104	ERJ6GEYJ822V
R105	ERJ6GEYJ433V
R106	ERJ6GEYJ562V
R107	ERJ6GEYJ113V
R108	ERJ6GEYJ183V
R109	ERJ6GEYJ102V
R110	ERJ6GEYJ512V
R111	ERJ6GEYJ273V
R112	ERJ6GEYJ103V
R113	ERJ6GEYJ103V
R114	ERJ6GEYJ103V
R115	ERJ6GEYJ103V
R116	ERJ14YK1R0U
R120	ERJ6GEYJ272V
R121	ERJ6GEYJ274V
R122	ERJ6GEYJ823V
R123	ERJ6GEYJ274V
R124	ERJ6GEYJ203V
R125	ERJ6GEYJ244V
R126	ERJ6GEYJ104V
R127	ERJ6GEYJ274V
R128	ERJ6GEYJ183V

R129	ERJ6GEYJ512V
R130	ERJ6GEYJ203V
R131	ERJ6GEYJ113V
R132	ERJ6GEYJ101V
R143	ERJ6GEYJ103V
R144	ERJ6GEYJ103V
R145	ERJ6GEYJ103V
R146	ERJ6GEYJ103V
R147	ERJ6GEYJ103V
R148	ERJ6GEYJ103V
R201	ERJ6GEYJ103V
R202	ERJ6GEYJ103V
R203	ERJ6GEYJ103V
R204	ERJ6GEYJ103V
R205	ERJ6GEYJ103V
R206	ERJ6GEYJ103V
R207	ERJ6GEYJ103V
R208	ERJ6GEYJ103V
R209	ERJ6GEYJ103V
R210	ERJ6GEYJ103V
R211	ERJ6GEYJ103V
R212	ERJ6GEYJ103V
R213	ERJ6GEYJ103V
R214	ERJ6GEYJ103V
R215	ERJ6GEYJ103V
R216	ERJ6GEYJ103V
R217	ERJ6GEYJ103V
R218	ERJ6GEYJ103V
R219	ERJ6GEYJ103V
R220	ERJ6GEYJ472V
R221	ERJ6GEYJ472V
R222	ERJ6GEYJ103V
R223	ERJ6GEYJ103V
R224	ERJ6GEYJ103V
R225	ERJ6GEYJ103V
R226	ERJ6GEYJ103V
R227	ERJ6GEYJ103V
R228	ERJ6GEYJ103V
R229	ERJ6GEYJ103V
R230	ERJ6GEYJ333V
R231	ERJ6GEYJ153V
R232	ERJ6GEYJ123V
R233	ERJ6GEYJ562V
R234	ERJ6GEYJ102V
R235	ERJ6GEYJ103V
R236	ERJ6GEYJ103V
R237	ERJ6GEYJ103V
R238	ERJ6GEYJ103V
R239	ERJ6GEYJ103V
R240	ERJ6GEYJ103V
R241	ERJ6GEYJ103V
R242	ERJ6GEYJ103V
R243	ERJ6GEYJ103V
R244	ERJ6GEYJ103V
R245	ERJ6GEYJ103V
R246	ERJ6GEYJ103V
R247	ERJ6GEYJ103V
R248	ERJ6GEYJ103V
R249	ERJ6GEYJ103V
R250	ERJ6GEYJ112V

R251	ERJ6GEYJ112V
R252	ERJ6GEYJ103V
R253	ERJ12YJ121U
R254	ERJ12YJ121U
R255	ERJ12YJ121U
R256	ERJ12YJ121U
R257	ERJ6GEYJ332V
R258	ERJ6GEYJ332V
R259	ERJ6GEYJ511V
R260	ERJ6GEYJ103V
R261	ERJ12YJ121U
R265	ERJ12YJ111U
R266	ERJ12YJ111U
R267	ERJ12YJ111U
R268	ERJ12YJ111U
R269	ERJ12YJ111U
R301	ERJ12YJ750U
R302	ERJ12YJ750U
R303	ERJ12YJ750U
R304	ERJ12YJ750U
R305	ERJ12YJ750U
R306	ERJ12YJ750U
R307	ERJ12YJ750U
R308	ERJ12YJ750U
R309	ERJ12YJ750U
R310	ERJ12YJ750U
RV1	GF06P-10K オーム

Switch

S1	SMS608
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Plug

ST1	FFC-3AMEP1
ST1-1	DIC-252

Trans

T1	H-6LRAF00013
T2	H-6LRAF00013

Test Point

TP1	RCT
TP2	RCT
TP3	RCT
TP4	RCT
TP5	RCT
TP6	RCT
TP7	RCT
TP8	RCT
TP9	RCT
TP10	RCT
TP11	RCT
TP12	RCT
TP13	RCT
TP14	RCT
TP15	RCT
TP16	RCT
TP17	RCT

Transistor

TR1	2SA1162-YTE85L
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TR102	2SC2714-YTE85L
TR201	2SA1162-YTE85L

Accessory

MP1	NC3X6BS
MP2	NC3X6BS
P1	PT2-S3.3
P2	PT2-S3.3
TRA1	BFG-20AD_D-1
TRA2	BFG-20AD_D-1
TRA3	BFG-20AD_D-1
TRA4	BFG-20AD_D-1

Crystal Filter

XU1	HG8002JA-PHAV-12.288MHZ
XU102	DTCXO-12A_20MHZ
XU201	SG8002JA-PHB-6.144MHZ

3.2 CQC-1962 MOTHER BOARD

Capacitor

C1	GRM39F104Z25PT
C2	GRM39F104Z25PT
C3	ECEA1CKS101
C5	GRM39R103K50PT
C6	GRM39R103K50PT
C7	GRM39R103K50PT
C8	GRM39F104Z25PT
C9	GRM39R103K50PT
C10	C1608C0G1H151J-E-TP
C11	C1608C0G1H100D-E-TP
C12	C1608C0G1H271J-E-TP
C13	C1608C0G1H270J-E-TP
C14	C1608C0G1H151J-E-TP
C15	GRM39R103K50PT
C16	GRM39R103K50PT
C18	GRM39R103K50PT
C19	GRM39R103K50PT
C21	GRM39SL102J50PT
C22	GRM39SL102J50PT
C23	C1608C0G1H470J-E-TP
C24	GRM39SL102J50PT
C25	C1608C0G1H200JT
C26	C1608C0G1H020C-E-TP
C27	C1608C0G1H470J-E-TP
C28	C1608C0G1H200JT
C29	GRM39SL102J50PT
C30	GRM39SL102J50PT
C31	GRM39SL102J50PT
C32	GRM39SL102J50PT
C34	GRM39B103K50PT
C35	GRM39B103K50PT
C36	GRM39B103K50PT
C37	GRM39B103K50PT
C38	RCC06SL560J-L46AU
C39	GRM39F104Z25PT
C40	GRM39B103K50PT
C41	GRM39B103K50PT
C42	GRM39B103K50PT
C43	GRM39B103K50PT
C44	GRM39B103K50PT
C45	ECEA1CKS101
C51	GRM39SL102J50PT
C52	GRM39R103K50PT
C53	GRM39R103K50PT
CV1	TZBX4R200BA110T00
CV2	TZBX4R200BA110T00

Integrated Circuits

IC1	TC7W04FU-TE12L
IC2	TC7W74FU-TE12L
IC3	TA78L05F-TE12L

Connector

J1	00-6208-518-310-000
J2	TMP-J01X-V6
J3	TMP-J01X-V6
J4	XK6A-0241

J5	XK6A-0241
J40	PCN6-22S-2.5DS
J41	PCN6-22S-2.5DS
J42	PCN6-22S-2.5DS
J43	PCN6-22S-2.5DS
J101	XK6A-0241
J102	XK6A-0241
J103	XK6A-0241
J111	XK6A-0241
J112	XK6A-0241
J113	XK6A-0241

Inductor

L1	LER015TR47K
L2	LER015TR33K
L3	LAL02VD1R0K

PCB

PB1	H-7PBJD0005A
PC1	H-7PCJD0075A

Resister

R1	ERJ6GEYJ100V
R2	ERJ6GEYJ151V
R3	ERJ6GEYJ100V
R4	ERJ6GEYJ752V
R5	ERJ6GEYJ472V
R6	ERJ6GEYJ102V
R7	ERJ6GEYJ220V
R8	ERJ6GEYJ471V
R9	ERJ6GEYJ103V
R10	ERJ6GEYJ123V
R11	ERJ6GEYJ391V
R12	ERJ6GEYJ101V
R13	ERJ6GEYJ101V
R14	ERJ6GEYJ103V
R15	ERJ6GEYJ103V
R16	ERJ6GEYJ101V
R17	ERJ6GEYJ471V
R18	ERJ6GEYJ103V
R19	ERJ6GEYJ103V
R20	ERJ6GEYJ101V
R21	ERJ6GEYJ471V
R22	ERJ6GEYJ224V
R23	ERJ6GEYJ102V
R24	ERJ6GEYJ102V
R25	ERJ6GEYJ472V
R26	ERJ6GEYJ472V
R27	ERJ6GEYJ683V
R28	ERJ6GEYJ683V
R29	ERJ6GEYJ561V
R41	ERJ6GEY0R00V
R44	ERJ6GEY0R00V
R46	ERJ6GEY0R00V
R47	ERJ6GEY0R00V
R51	ERJ6GEY0R00V
R52	ERJ6GEY0R00V
R53	ERJ6GEY0R00V
R54	ERJ6GEY0R00V
R55	ERJ6GEY0R00V

	R56	ERJ6GEY0R00V
	R57	ERJ6GEY0R00V
Trans		
	T1	H-6LHJD00297
	T2	H-6LHJD00297
Test Point		
	TP4	RCT
	TP5	RCT
	TP6	RCT
	TP7	RCT
	TR1	2SC2714-YTE85L
	TR2	2SC2714-YTE85L
	TR3	2SC2714-YTE85L
	TR4	2SC2714-YTE85L
	TR5	2SC2714-YTE85L
	TR6	2SC2714-YTE85L
	TR7	2SC2714-YTE85L
Cable		
	W1	XK6W-2EE1-150
	W2	XK6W-2EE1-080
	W3	XK6W-2EE1-150
	W4	XK6W-2EE1-080

3.3 CDT-1962 PANEL BOARD

Buzzer

BZ1	MEB-12C-5
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Diode

CD1	SML-210MT_T86_GREEN
CD2	SML-210VT_T86
CD3	SML-210MT_T86_GREEN
CD4	SML-210MT_T86_GREEN
CD5	SML-210MT_T86_GREEN
CD6	SML-210MT_T86_GREEN
CD7	SML-210MT_T86_GREEN
CD8	SML-210MT_T86_GREEN
CD9	SML-210MT_T86_GREEN
CD10	SML-210MT_T86_GREEN
CD11	SML-210MT_T86_GREEN
CD12	SML-210MT_T86_GREEN
CD13	SML-210MT_T86_GREEN
CD14	SML-210MT_T86_GREEN
CD15	SML-210MT_T86_GREEN
CD16	SML-210MT_T86_GREEN
CD17	SML-210MT_T86_GREEN
CD18	SML-210MT_T86_GREEN
CD19	SML-210MT_T86_GREEN
CD20	SML-210MT_T86_GREEN

Connector

J1	00-6208-530-410-000
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PCB

PB1	H-7PBJD0005A
PC1	H-7PCJD0074A

Resister

R1	ERJ6GEYJ202V
R2	ERJ6GEYJ202V
R3	ERJ6GEYJ202V
R4	ERJ6GEYJ202V
R17	ERJ6GEYJ101V
R18	ERJ6GEYJ101V
R19	ERJ6GEYJ101V
R20	ERJ6GEYJ101V
R21	ERJ6GEYJ101V
R22	ERJ6GEYJ101V
R23	ERJ6GEYJ112V
R24	ERJ6GEYJ112V
R25	ERJ6GEYJ112V
R26	ERJ6GEYJ112V
R27	ERJ6GEYJ112V
R28	ERJ6GEYJ911V
R29	ERJ6GEYJ911V
R30	ERJ6GEYJ911V
R31	ERJ6GEYJ301V
R32	ERJ6GEYJ301V
R33	ERJ6GEYJ751V
R34	ERJ6GEYJ751V
R35	ERJ6GEYJ203V
R36	ERJ6GEYJ203V
R37	ERJ6GEYJ203V

R38	ERJ6GEYJ203V
R39	ERJ6GEYJ203V
R40	ERJ6GEYJ203V
R41	ERJ6GEYJ182V
R42	ERJ6GEYJ182V
R43	ERJ6GEYJ182V
R44	ERJ6GEYJ182V
R45	ERJ6GEYJ182V
R46	ERJ6GEYJ182V
R47	ERJ6GEYJ203V
R48	ERJ6GEYJ203V

Switch

S1	JPM1110-0211
S2	JPM1110-0211
S3	JPM1110-0211
S4	JPM1110-0211
S5	JPM1110-0211
S6	JPM1110-0211
S7	JPM1110-0211
S8	JPM1110-0211
S9	JPM1110-0211
S10	JPM1110-0211
S11	JPM1110-0211
S12	JPM1110-0211
S13	JPM1110-0211
S14	JPM1110-0211
S15	JPM1110-0211
S16	JPM1110-0211
S17	JPM1110-0211
S18	JPM1110-0211
S19	JPM1110-0211
S20	JPM1110-0211
S21	JPM1110-0211
S22	JPM1110-0211
S23	JPM1110-0211
S24	JPM1110-0211

Transistor

TR1	2SC2859-YTE85L
TR2	2SC2859-YTE85L
TR3	2SC2859-YTE85L
TR4	2SC2859-YTE85L
TR5	2SC2859-YTE85L
TR6	2SC2859-YTE85L
TR7	2SC2859-YTE85L
TR8	2SC2859-YTE85L
TR9	2SD1005-BVH-T2
TR10	DTC114EKA-T146
TR11	DTC114EKA-T146
TR12	DTC114EKA-T146

3.4 CAF-450 W/K RF AMP

Surge Absorber

AR1 Y08U-90B

Capacitor

C1	C2012SL1H102J-E-TP
C2	C2012C0G1H271J-E-TP
C3	C2012C0G1H100D-E-TP
C4	C2012C0G1H391J-E-TP
C5	C2012C0G1H560J-E-TP
C6	C2012C0G1H331J-E-TP
C7	C2012JF1E104Z-E-TP
C8	C2012SL1H102J-E-TP
C9	C2012SL1H102J-E-TP
C10	C2012SL1H102J-E-TP
C11	C2012SL1H102J-E-TP
C12	ECA1HM100E
C13	C2012JF1E104Z-E-TP
C14	C2012C0G1H680J-E-TP
C15	C2012C0G1H070D-E-TP
C16	C2012C0G1H680J-E-TP
C17	C2012JF1E104Z-E-TP
C18	C2012JF1E104Z-E-TP
C19	C2012X7R1H103K-E-TP
C20	C2012C0G1H680J-E-TP
C21	C2012C0G1H070D-E-TP
C22	C2012C0G1H680J-E-TP
C23	C2012X7R1H103K-E-TP
C24	C2012X7R1H103K-E-TP
C25	C2012C0G1H470J-E-TP
C26	C2012C0G1H070D-E-TP
C27	C2012C0G1H470J-E-TP
C28	C2012X7R1H103K-E-TP
C29	C2012X7R1H103K-E-TP
C30	C2012C0G1H390J-E-TP
C31	C2012C0G1H040C-E-TP
C32	C2012C0G1H390J-E-TP
C33	C2012X7R1H103K-E-TP
C34	C2012X7R1H103K-E-TP
C35	C2012C0G1H270J-E-TP
C36	C2012C0G1H040C-E-TP
C37	C2012C0G1H270J-E-TP
C38	C2012X7R1H103K-E-TP
C39	C2012X7R1H103K-E-TP
C40	C2012C0G1H220J-E-TP
C41	C2012C0G1H040C-E-TP
C42	C2012C0G1H220J-E-TP
C43	C2012X7R1H103K-E-TP
C44	C2012JF1E104Z-E-TP
C45	C2012JF1E104Z-E-TP
C46	C2012SL1H222J-E-TP
C47	C2012X7R1H103K-E-TP
C48	C2012SL1H152J-E-TP
C49	C2012X7R1H332K-E-TP
C50	C2012X7R1H332K-E-TP
C51	C2012JF1E104Z-E-TP
C52	C2012JF1E104Z-E-TP
C53	C2012JF1E104Z-E-TP
C54	C2012C0G1H390J-E-TP

C55	C2012C0G1H271J-E-TP
C60	C2012JF1E104Z-E-TP
C61	ECA1HM100E
C62	C2012JF1E104Z-E-TP
C63	C2012JF1E104Z-E-TP
C64	C2012C0G1H560J-E-TP
C65	C2012C0G1H560J-E-TP
C66	C2012SL1H102J-E-TP
C67	C2012JF1E104Z-E-TP
C68	C2012SL1H102J-E-TP
C69	C2012SL1H102J-E-TP
C71	C2012SL1H102J-E-TP
C74	C2012SL1H102J-E-TP
C75	C2012SL1H102J-E-TP
C76	C2012SL1H102J-E-TP
C77	C2012SL1H102J-E-TP
C78	C2012SL1H102J-E-TP
C79	C2012C0G1H680J-E-TP
C80	C2012SL1H102J-E-TP
C81	C2012SL1H102J-E-TP
C82	C2012SL1H102J-E-TP
C83	C2012SL1H102J-E-TP
C84	C2012JF1E104Z-E-TP
C85	C2012SL1H471J-E-TP
C86	C2012SL1H471J-E-TP
C87	C2012C0G1H680J-E-TP
C88	C2012C0G1H680J-E-TP
C89	C2012JF1E104Z-E-TP
C90	ECA1HM100E
C91	C2012C0G1H680J-E-TP
C92	C2012SL1H102J-E-TP
C93	C2012SL1H102J-E-TP
C94	C2012SL1H102J-E-TP
C95	C2012SL1H102J-E-TP
C100	C2012JF1E104Z-E-TP
C101	C2012X7R1H103K-E-TP
C102	ECA1HM100E
C103	C2012JF1E104Z-E-TP
C104	C2012JF1E104Z-E-TP
C105	C2012X7R1H103K-E-TP
C106	C2012JF1E104Z-E-TP
C107	C2012JF1E104Z-E-TP
C108	C2012X7R1H103K-E-TP
C109	C2012JF1E104Z-E-TP
C110	C2012C0G1H221J-E-TP
C111	C2012C0G1H221J-E-TP
C112	C2012JF1E104Z-E-TP
C113	C2012JF1E104Z-E-TP
C114	C2012JF1E104Z-E-TP
C115	C2012JF1E104Z-E-TP
C116	C2012JF1E104Z-E-TP
C117	ECA1HM330E
C118	C2012SL1H222J-E-TP
C119	C2012JF1E104Z-E-TP
C120	ECA1HM100E
C125	C2012X7R1H103K-E-TP
C126	C2012X7R1H103K-E-TP
C127	ECA1HM100E
C128	C2012X7R1H103K-E-TP
C129	C2012JF1E104Z-E-TP

C130	C2012JF1E104Z-E-TP
C131	ECA1HM100E
C132	C2012JF1E104Z-E-TP
C133	C2012JF1E104Z-E-TP
C134	ECA1HM100E
C135	C2012JF1E104Z-E-TP
C136	C2012JF1E104Z-E-TP
C137	ECA1HM100E
C145	C2012X7R1H103K-E-TP
C146	C2012JF1E104Z-E-TP
C147	C2012JF1E104Z-E-TP
C148	C2012JF1E104Z-E-TP
C149	C2012C0G1H221J-E-TP
C150	C2012X7R1H103K-E-TP
C151	TESVA1V224M1-8R
C152	C2012X7R1H103K-E-TP
C153	C2012JF1E104Z-E-TP
C154	C2012C0G1H100D-E-TP
C155	C2012JF1E104Z-E-TP
C156	C2012JF1E104Z-E-TP
C157	TESVA1V334M1-8R
C158	C2012SL1H102J-E-TP
C160	C2012SL1H102J-E-TP
C161	C2012SL1H102J-E-TP
C162	C2012SL1H102J-E-TP
C163	C2012C0G1H680J-E-TP
C164	C2012C0G1H680J-E-TP
C165	C2012C0G1H020C-E-TP
CV1	TZBX4R200BA110T00

Diode

CD1	XB15A402
CD2	XB15A402
CD3	XB15A402
CD4	XB15A402
CD5	XB15A402
CD6	XB15A402
CD10	MA185
CD11	MA185
CD12	MA185
CD13	MA185
CD14	MA185
CD15	MA185
CD16	MA185
CD17	MA185
CD18	MA185
CD19	MA185
CD20	MA185
CD21	MA185
CD22	MA185
CD23	MA185
CD24	1SS181_TE85L
CD25	V07J
CD26	1SS181_TE85L
CD27	1SS181_TE85L
CD32	1SS226_TE85L
CD33	1SS226_TE85L
CD34	1SS226_TE85L
CD35	1SS226_TE85L
CD37	1SS184-TE85L

	CD38	1SS184-TE85L
Filter		
	FL1	H-6XMJD00179A
	FL2	H-6XMJD00142
Integrated Circuits		
	IC1	HD74LS145P
	IC2	TA78L05F-TE12L
	IC3	TA78L08F-TE12L
	IC4	TA78L08F-TE12L
	IC5	SN16913P
	IC6	M5223AFP-600C
	IC7	TC4S66F_TE85L
Connector		
	J1	TMP-J01X-V6
	J2	A4B-2PA-2DSA
	P2	A3-SP
	P42	EC1C-22P-2.5DSA
	P43	EC1C-22P-2.5DSA
Relay		
	K1	ATQ203
Inductor		
	L1	LER015TR33K
	L2	LER015TR27K
	L3	LAL03VB471K
	L4	LAL03VB471K
	L5	LER015T4R7K
	L6	LER015T6R8K
	L7	LAL03VB471K
	L8	LAL03VB471K
	L9	LER015TR27K
	L15	LAL03VB471K
	L16	LER015T4R7K
	L17	LER015TR47K
	L19	LER015TR68K
	L20	LAL03VB331K
	L25	LAL03VB221K
	L26	LHL06NB472J
	L30	LER015T100K
PCB		
	PC1	H-6PCJD00888A
Photo Coupler		
	PHT1	TLP121GB-TPL
Resister		
	R1	ERD_S1VJ103T
	R2	ERJ6GEYJ101V
	R3	ERJ6GEYJ101V
	R4	ERJ6GEYJ473V
	R5	ERJ6GEYJ101V
	R6	ERJ6GEYJ101V
	R7	ERJ6GEYJ473V
	R8	ERJ6GEYJ101V
	R9	ERJ6GEYJ101V

R10	ERJ6GEYJ473V
R11	ERJ6GEYJ101V
R12	ERJ6GEYJ101V
R13	ERJ6GEYJ473V
R14	ERJ6GEYJ101V
R15	ERJ6GEYJ101V
R16	ERJ6GEYJ473V
R17	ERJ6GEYJ101V
R18	ERJ6GEYJ101V
R19	ERJ6GEYJ473V
R20	ERJ6GEYJ221V
R21	ERJ6GEYJ221V
R22	ERJ6GEYJ101V
R23	ERJ6GEYJ101V
R24	ERJ6GEYJ221V
R25	ERJ6GEYJ221V
R26	ERJ6GEYJ473V
R27	ERJ6GEYJ101V
R35	ERJ6GEYJ121V
R36	ERJ6GEYJ101V
R37	ERJ6GEYJ102V
R38	ERJ6GEYJ102V
R39	ERJ6GEYJ101V
R40	ERJ6GEYJ101V
R41	ERJ6GEYJ101V
R42	ERJ6GEYJ150V
R43	ERJ6GEYJ332V
R44	ERJ6GEYJ101V
R45	ERJ6GEYJ682V
R46	ERJ6GEYJ470V
R47	ERJ6GEYJ102V
R48	ERJ6GEYJ100V
R49	ERJ6GEYJ103V
R50	ERJ6GEYJ331V
R51	ERJ6GEYJ100V
R52	ERJ6GEYJ221V
R53	ERJ6GEYJ331V
R54	ERJ6GEYJ332V
R55	ERJ6GEYJ101V
R56	ERJ6GEYJ222V
R57	ERJ6GEYJ222V
R58	ERJ6GEYJ101V
R59	ERJ6GEYJ101V
R60	ERJ6GEYJ821V
R61	ERJ6GEYJ122V
R62	ERJ6GEYJ470V
R63	ERJ6GEYJ471V
R65	ERJ6GEYJ101V
R66	ERJ6GEYJ123V
R67	ERJ6GEYJ472V
R68	ERJ6GEYJ100V
R69	ERJ6GEYJ100V
R70	ERJ6GEYJ333V
R75	ERJ6GEYJ101V
R76	ERJ6GEYJ103V
R77	ERJ6GEYJ101V
R78	ERJ6GEYJ330V
R79	ERJ6GEYJ473V
R80	ERJ6GEYJ101V
R81	ERJ6GEYJ101V

R82	ERJ6GEYJ101V
R83	ERJ6GEYJ101V
R84	157-101-53028-TP
R85	ERJ6GEYJ820V
R86	ERJ6GEYJ332V
R87	ERJ6GEYJ683V
R88	ERJ6GEYJ101V
R89	ERJ6GEYJ101V
R90	ERJ6GEYJ102V
R91	ERJ6GEYJ222V
R92	ERJ6GEYJ472V
R93	ERJ6GEYJ681V
R94	ERJ6GEYJ683V
R95	ERJ6GEYJ101V
R96	ERJ6GEYJ221V
R100	ERJ6GEYJ223V
R101	ERJ6GEYJ223V
R102	ERJ6GEYJ103V
R103	ERJ6GEYJ103V
R104	ERJ6GEYJ103V
R105	ERJ6GEYJ103V
R110	ERJ6GEYJ473V
R111	ERJ6GEYJ472V
R112	ERJ6GEYJ103V
R113	ERJ6GEYJ221V
R114	ERJ6GEYJ102V
R115	ERJ6GEYJ103V
R116	ERJ6GEYJ333V
R117	ERJ6GEYJ102V
R118	ERJ6GEYJ105V
R119	ERJ6GEYJ103V
R120	ERJ6GEYJ473V
R121	ERJ6GEYJ472V
R122	ERJ6GEYJ103V
R123	ERJ6GEYJ682V
R124	ERJ6GEYJ105V
R125	ERJ6GEYJ273V
R126	ERJ6GEYJ104V
R127	ERJ6GEYJ471V
R128	ERJ6GEYJ103V
R130	ERJ6GEYJ224V
R131	ERJ6GEYJ102V
R132	ERJ6GEYJ102V
RV1	GF06P-2Kohm
RV2	GF06P-2Kohm

Trans

T1	H-6LHJD00588
T2	H-6LHJD00588
T3	H-6LHJD00589
T4	H-6LHJD00589
T5	H-6LHJD00589
T6	H-6LHJD00589
T7	H-6LHJD00590
T8	H-6LHJD00590
T9	H-6LHJD00591
T10	H-6LHJD00591
T11	H-6LHJD00591
T12	H-6LHJD00591
T13	H-6LHJD00410

T14	H-6LHJD00440
T15	H-6LHJD00347
T16	H-6LHJD00303
T17	H-6LHJD00297
T18	S-061-006
T19	S-061-006
T20	S-061-006
T21	H-6LHJD00297
T22	H-6LHJD00297

Test Point

TP1	PCN6-PEA
TP2	PCN6-PEA
TP3	PCN6-PEA
TP4	PCN6-PEA
TP5	PCN6-PEA
TP6	PCN6-PEA
TP7	PCN6-PEA
TP8	PCN6-PEA
TP9	PCN6-PEA

Transistor

TR1	2SC2712-YTE85L
TR2	2SC2712-YTE85L
TR10	2SK937Y5
TR11	2SK937Y5
TR12	2SK937Y5
TR13	2SK937Y5
TR14	2SC3357-T1
TR15	3SK131-T1V12
TR16	2SK937Y5
TR17	2SK937Y5
TR18	2SC2712-YTE85L
TR19	2SC2712-YTE85L
TR20	3SK131-T1V12
TR21	3SK131-T1V12
TR22	3SK131-T1V12
TR23	2SC2712-YTE85L
TR24	2SC2712-YTE85L
TR25	2SC2712-YTE85L
TR26	2SC2712-YTE85L
TR27	2SA1344-TB
TR28	2SC2712-YTE85L

3.5 CDJ-1701 W/K CONTROL

Capacitor

C1	C2012C0G1H150J-E-TP
C3	C2012SL1H102J-E-TP
C4	C2012SL1H102J-E-TP
C5	C2012SL1H102J-E-TP
C6	C2012C0G1H470J-E-TP
C7	C2012SL1H102J-E-TP
C8	C2012SL1H102J-E-TP
C9	C2012C0G1H150J-E-TP
C10	C2012C0G1H180J-E-TP
C11	C2012SL1H102J-E-TP
C12	C2012SL1H102J-E-TP
C13	C2012SL1H102J-E-TP
C14	C2012SL1H102J-E-TP
C15	C2012SL1H102J-E-TP
C16	C2012SL1H102J-E-TP
C17	C2012SL1H102J-E-TP
C18	C2012SL1H102J-E-TP
C19	C2012SL1H102J-E-TP
C21	C2012SL1H102J-E-TP
C22	C2012JF1E104Z-E-TP
C23	C2012SL1H102J-E-TP
C24	ECA1VM221E
C25	C2012JF1E104Z-E-TP
C26	C2012C0G1H101J-E-TP
C27	C2012C0G1H101J-E-TP
C28	C2012JF1E104Z-E-TP
C29	C2012SL1H102J-E-TP
C30	C2012SL1H102J-E-TP
C31	TESVA1C105M1-8R
C32	202L1602106KB
C33	C2012JF1E104Z-E-TP
C34	ECA1HM100E
C35	C2012JF1E104Z-E-TP
C36	ECA1HM100E
C37	C2012JF1E104Z-E-TP
C38	ECA1HM100E
C39	C2012JF1E104Z-E-TP
C40	C2012JF1E104Z-E-TP
C41	ECA1HM100E
C42	C2012JF1E104Z-E-TP
C43	TESVA1C105M1-8R
C44	ECA1VM221E
C45	C2012JF1E104Z-E-TP
C46	ECA1EM101E
C50	C2012JF1E104Z-E-TP
C51	C2012X7R1H682K-E-TP
C52	C2012C0G1H391J-E-TP
C53	C2012X7R1H682K-E-TP
C54	C2012JF1E104Z-E-TP
C55	C2012JF1E104Z-E-TP
C56	C2012JF1E104Z-E-TP
C57	ECA1EM101E
C58	C2012JF1E104Z-E-TP
C59	C2012X7R1H333K-E-TP
C60	C2012JF1E104Z-E-TP
C61	ECA1EM101E
C62	C2012JF1E104Z-E-TP

C63	ECA1EM101E
C64	C2012C0G1H101J-E-TP
C65	C2012C0G1H470J-E-TP
C66	ECA1HM100E
C67	C2012JF1E104Z-E-TP
C68	ECA1HM100E
C69	C2012JF1E104Z-E-TP
C70	ECA1HM100E
C71	C2012JF1E104Z-E-TP
C72	C2012JF1E104Z-E-TP
C73	ECA1HM100E
C74	C2012JF1E104Z-E-TP
C75	C2012JF1E104Z-E-TP
C76	C2012JF1E104Z-E-TP
C80	C2012C0G1H470J-E-TP
C81	C2012C0G1H470J-E-TP
C82	TESVA1C105M1-8R
C83	C2012JF1E104Z-E-TP
C84	C2012SL1H102J-E-TP
C85	ECA1HM100E
C86	C2012JF1E104Z-E-TP
C87	C2012SL1H102J-E-TP
C95	C2012X7R1H103K-E-TP
C96	C2012X7R1H103K-E-TP
C97	C2012X7R1H103K-E-TP
C98	ECA1HM100E
C99	C2012JF1E104Z-E-TP
C104	TESVA1E474M1-8R
C105	TESVA1E474M1-8R
C106	202L1602106KB
C107	202L1602106KB
C108	C2012X7R1H223K-E-TP
C109	C2012X7R1H223K-E-TP
C110	ECA1HM100E
C111	C2012JF1E104Z-E-TP
C112	C2012JF1E104Z-E-TP
C113	C2012JF1E104Z-E-TP
C114	C2012JF1E104Z-E-TP
C117	C2012C0G1H471J-E-TP
C118	C2012X7R1H103K-E-TP
C119	C2012JF1E104Z-E-TP
C120	C2012JF1E104Z-E-TP
C121	C2012JF1E104Z-E-TP
C122	C2012JF1E104Z-E-TP
C126	ECA1HM100E
C127	C2012JF1E104Z-E-TP
C128	C2012JF1E104Z-E-TP
C129	ECA1HM100E
C130	C2012JF1E104Z-E-TP
C131	C2012JF1E104Z-E-TP
C132	ECA1HM100E
C140	ECA1HM100E
C141	C2012JF1E104Z-E-TP
C142	C2012JF1E104Z-E-TP
C143	C2012JF1E104Z-E-TP
C144	C2012JF1E104Z-E-TP
C145	ECA1HM100E
C170	C2012JF1E104Z-E-TP
C171	267M3502 105ML
C172	C2012JF1E104Z-E-TP

C200	C2012SL1H102J-E-TP
C201	C2012SL1H102J-E-TP
C202	C2012JF1E104Z-E-TP
C203	C2012JF1E104Z-E-TP
C204	C2012SL1H102J-E-TP
C205	C2012JF1E104Z-E-TP
C206	C2012JF1E104Z-E-TP
C207	C2012JF1E104Z-E-TP
C208	C2012X7R1H103K-E-TP
C209	C2012C0G1H271J-E-TP
C210	C2012C0G1H240J-E-TP
C211	C2012C0G1H511_J-E-TP
C212	C2012C0G1H620J-E-TP
C213	C2012C0G1H271J-E-TP
C214	ECA1HM100E
C215	C2012JF1E104Z-E-TP
C216	ECA1HM100E
C217	C2012JF1E104Z-E-TP
C218	C2012JF1E104Z-E-TP
C219	C2012X7R1H103K-E-TP
C220	C2012JB1H102K-E-TP
C221	C2012JB1H102K-E-TP
C222	C2012JF1E104Z-E-TP
C223	C2012JB1H102K-E-TP
CV1	TZBX4R200BA110T00
CV2	TZBX4R200BA110T00
CV3	TZBX4R200BA110T00

Diode

CD1	MA366-TX
CD2	MA366-TX
CD3	MA366-TX
CD4	MA366-TX
CD5	HSM2694-TR
CD7	MPR4371F
CD10	1SS226_TE85L
CD15	1SS226_TE85L
CD16	MPR4371F
CD17	RD5.1M-T1B
CD18	MPR4371F
CD19	1SS226_TE85L
CD20	1SS226_TE85L
CD21	1SS226_TE85L
CD22	1SS226_TE85L

Integrated Circuits

IC1	MB87086APF-G-BND-TF
IC2	MC4044P
IC3	TC7W00F-TE12L
IC4	TC4W66FTE12L
IC5	TA78L08F-TE12L
IC6	TA78L05F-TE12L
IC7	TA7805S
IC7-1	TC-30A_TO-220
IC8	TA78L08F-TE12L
IC9	TA78L05F-TE12L
IC10	TA78L05F-TE12L
IC11	TC7W00F-TE12L
IC12	MB671490PF-G-BND
IC13	MB671490PF-G-BND

	IC14	NJM3404AM-T1
	IC15	LT1016CN8
	IC16	TC7WU04F-TE12L
	IC20	AK93C45AF-E1
	IC21	HD6473308RF-10
	IC21-1	IC198-080-2100
	IC23	M51953BFP-600C
	IC25	LTC1064CSW
	IC26	M5218AFP-600C
	IC27	M5218AFP-600C
	IC28	M5218AFP-600C
	IC29	M5218AFP-600C
	IC31	TC4W53F_TE12L
	IC32	TC7WU04F-TE12L
	IC40	TA78L08F-TE12L
	IC41	TA78L05F-TE12L
	IC50	SA602AD-T
	IC51	TA78L08F-TE12L
	IC52	UPC1688G-T1
	IC55	TC4W66FTE12L
	IC56	TC4W66FTE12L
Relay	K1	ATQ203
Inductor	L1	E526HN-100308
	L2	LAL03KH4R7K
	L3	LAL03KH4R7K
	L4	E526HN-100306
	L5	LAL03KH4R7K
	L6	LAL03KH4R7K
	L7	LAL04SK_101K
	L8	LAL04SK_101K
	L9	LAL04SK_101K
	L10	LAL03VB120K
	L11	LAL03VB100K
	L12	LAL03VB101K
	L13	LAL03VB101K
	L20	LER015T1R0M
	L21	LER015T1R0M
Connector	P40	EC1C-22P-2.5DSA
	P41	EC1C-22P-2.5DSA
	P170	XR2P-1641
PCB	PC1	H-6PCJD00889A
	PC2	H-7PCJD0057
	PD2	H-7PDJD0010
Photo Coupler	PHT1	TLP121GB-TPL
	PHT2	TLP121GB-TPL
Resister	R1	ERJ6GEYJ151V
	R2	ERJ6GEYJ473V
	R3	ERJ6GEYJ101V

R4	ERJ6GEYJ152V
R5	ERJ6GEYJ101V
R6	ERJ6GEYJ101V
R7	ERJ6GEYJ471V
R8	ERJ6GEYJ473V
R9	ERJ6GEYJ101V
R10	ERJ6GEYJ101V
R11	ERJ6GEYJ101V
R12	ERJ6GEYJ473V
R13	ERJ6GEYJ223V
R14	ERJ6GEYJ101V
R15	ERJ6GEYJ122V
R16	ERJ6GEYJ223V
R17	ERJ6GEYJ303V
R18	ERJ6GEYJ222V
R19	ERJ6GEYJ223V
R20	ERJ6GEYJ101V
R21	ERJ6GEYJ223V
R22	ERJ6GEYJ222V
R23	ERJ6GEYJ223V
R24	ERJ6GEYJ103V
R25	ERJ6GEYJ103V
R26	ERJ6GEYJ102V
R27	ERJ6GEYJ102V
R28	ERJ6GEYJ102V
R29	ERJ6GEYJ101V
R30	ERJ6GEYJ102V
R31	ERJ6GEYJ102V
R32	ERJ-6GEYJ8R2V
R33	ERJ6GEYJ103V
R34	ERJ6GEYJ223V
R35	ERJ6GEYJ105V
R36	ERJ6GEYJ152V
R40	ERJ6GEYJ151V
R41	ERJ6GEYJ470V
R42	ERJ6GEYJ470V
R43	ERJ6GEYJ223V
R44	ERJ6GEYJ102V
R45	ERJ6GEYJ102V
R46	ERJ6GEYJ122V
R47	ERJ6GEYJ203V
R48	ERJ6GEYJ272V
R49	ERJ6GEYJ103V
R50	ERJ6GEYJ123V
R51	ERJ6GEYJ101V
R52	ERJ6GEYJ183V
R53	ERJ6GEYJ153V
R60	ERJ6GEYJ123V
R61	ERJ6GEYJ473V
R62	ERJ6GEYJ473V
R63	ERJ6GEYJ223V
R64	ERJ6GEYJ223V
R65	ERJ6GEYJ223V
R66	ERJ6GEYJ223V
R67	ERJ6GEYJ223V
R68	ERJ6GEYJ223V
R69	ERJ6GEYJ123V
R70	ERJ6GEYJ472V
R80	ERJ6GEYJ100V
R82	ERJ6GEYJ100V

R83	ERJ6GEYJ752V
R84	ERJ6GEYJ472V
R85	ERJ6GEYJ102V
R86	ERJ6GEYJ103V
R87	ERJ6GEYJ220V
R88	ERJ6GEYJ471V
R89	ERJ6GEYJ123V
R90	ERJ6GEYJ101V
R92	ERJ6GEYJ103V
R105	ERJ6GEYJ102V
R117	ERJ6GEYJ471V
R118	ERJ6GEYJ331V
R119	ERJ6GEYJ681V
R120	ERJ6GEYJ331V
R121	ERJ6GEYJ472V
R122	ERJ6GEYJ471V
R125	ERJ6GEYJ474V
R126	ERJ6GEYJ474V
R127	ERJ6GEYJ105V
R128	ERJ6GEYJ103V
R129	ERJ6GEYJ105V
R130	ERJ6GEYJ103V
R131	ERJ6GEYJ103V
R133	ERJ6GEYJ473V
R136	ERJ6GEYJ103V
R137	ERJ6GEYJ103V
R138	ERJ6GEYJ103V
R139	ERJ6GEYJ103V
R140	ERJ6GEYJ104V
R142	ERJ6GEYJ105V
R143	ERJ6GEYJ104V
R144	ERJ6GEYJ332V
R145	ERJ6GEYJ274V
R146	ERJ6GEYJ331V
R150	ERJ6GEYJ474V
R151	ERJ6GEYJ103V
R152	ERJ6GEYJ101V
R153	ERJ6GEYJ104V
R154	ERJ6GEYJ103V
R155	ERJ6GEYJ101V
R156	ERJ6GEYJ104V
R157	ERJ6GEYJ474V
R158	ERJ6GEYJ103V
R159	ERJ6GEYJ101V
R160	ERJ6GEYJ104V
R161	ERJ6GEYJ103V
R162	ERJ6GEYJ101V
R163	ERJ6GEYJ104V
R164	ERJ6GEYJ683V
R171	ERJ6ENF1203V
R172	ERJ6ENF1002V
R173	ERJ-6ENF8202V
R174-1	ERJ6ENF1202V
R174-2	ERJ6ENF5101V
R175	ERJ6ENF3902V
R176	ERJ6ENF1002V
R177	ERJ-6ENF6802V
R178-1	ERJ-6ENF2702V
R178-2	ERJ-6ENF2702V
R179	ERJ-6ENF1103V

R180-1	ERJ-6ENF5601V
R180-2	ERJ-6ENF5601V
R181	ERJ-8ENF6202V
R182	ERJ6ENF1002V
R183	ERJ6ENF3902V
R184	ERJ6ENF1002V
R185	ERJ-8ENF5602V
R186	ERJ8ENF1102V
R200	ERJ6GEYJ821V
R201	ERJ6GEYJ472V
R202	ERJ6GEYJ101V
R203	ERJ6GEYJ223V
R204	ERJ6GEYJ102V
R205	ERJ6GEYJ270V
R206	ERJ6GEYJ221V
R300	ERJ6GEYJ473V
R301	ERJ6GEYJ473V
R302	ERJ6GEYJ473V
R303	ERJ6GEYJ103V
R304	ERJ6GEYJ103V
RA1	20B-12Z-ME5
RA2	20B-12Z-ME5
RV2	GF06X-10Kohm
RV10	GF06P-1Kohm
RV11	GF06P-1Kohm
RV12	GF06P-1Kohm

Switch

SW1	B-8A-T
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Trans

T3	H-6LRAF00013
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Test Point

TP1	PCN6-PEA
TP2	PCN6-PEA
TP3	PCN6-PEA
TP4	PCN6-PEA
TP5	PCN6-PEA
TP6	PCN6-PEA
TP8	PCN6-PEA
TP9	PCN6-PEA
TP10	PCN6-PEA
TP11	PCN6-PEA
TP12	PCN6-PEA
TP13	PCN6-PEA

Transistor

TR1	2SK210-BLTE85L
TR2	2SK210-BLTE85L
TR3	2SC2714-YTE85L
TR4	2SC2714-YTE85L
TR5	2SC2714-YTE85L
TR6	2SC3398-TB
TR7	2SC3398-TB
TR8	2SC2712-YTE85L
TR9	2SC2714-YTE85L
TR10	2SC2714-YTE85L
TR11	2SC2714-YTE85L
TR12	2SA1162-YTE85L

TR13	2SC2714-YTE85L
TR14	2SC2714-YTE85L
TR16	2SC3398-TB
TR17	2SC3398-TB
TR18	2SC3398-TB
TR19	2SC3398-TB
TR20	2SC3398-TB
TR21	2SC3398-TB
TR22	2SC2712-YTE85L
TR25	2SC2714-YTE85L
TR26	2SC2714-YTE85L
TR27	RN1402-TE85L
TR28	2SC2714-YTE85L

Cable

W1	DFS020
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Crystal Oscillator

X1	LN-X-0008_F=4.9152MHZ
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Collar

Z1	MTT006277C
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3.6 NCT-196 CHASIS

Connector

J1	00-6208-100-118-001
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LCD

LCD1	H-7WSJD0002
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Switch

S1	DS-850S-F2-10_BLK
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Cable

W1	H-7ZCJD0058
W2	H-6JDKD00115A
W3	H-7ZCJD0060
W4	H-7ZCJD0060
W5	H-7ZCJD0061

2. TUNE UP PROCEDURE

2.1 JSB-196GM MF/HF RADIOTELEPHONE

2.1.1 GENERAL

This section provides you with servicing instructions for proper preventive maintenance and servicing. The JSB-196GM is designed to provide trouble free operation and adherence to recommended installation and preventive maintenance measures will help to assure this.

2.1.2 PERIODIC MAINTENANCE

The following procedures are recommended for performance at monthly intervals to minimize the possibility of equipment failure and to assure optimum performance.

1. Inspect the antenna system. Pay particular attention to the cleanliness of the antenna insulator(s), condition of electrical connections, coax transmission line and connections, antenna and lead-in, and ground strap and connections.
2. Check the condition of the 13.6 Vdc power source. Make sure that all connections are clean, that the conductors have sufficient current capacity, and that the battery has sufficient capacity and high specific gravity.
3. Fuse ferrules are subject to corrosion which increases circuit resistance. Fuse should be removed from their holders, inspected, and cleaned of any free of corrosion, batteries should be in proper condition and clean, power cabling insulation should be in proper condition to prevent short circuits or corrosion of the conductors.
4. Plastic surfaces should be cleaned with lens tissue or soft nonabrasive cloth. Care should be exercised with any plastic surface to prevent scratching. Mild soap and water may be used in stubborn cases. DO NOT USE SOLVENTS.

2.1.2.1 Test Equipment

The test equipment listed below is used for the test setup shown in Figure 2-1.

- | | |
|-----------------------|---|
| 1. DC Power Supply | 13.6Vdc, 40A Continuous Duty, Minimum. |
| 2. RF Power Meter | Bird Model 43, 50 ohms, 250W, 2-30MHz, or equivalent. |
| 3. Audio Oscillator | HP 4204A or equivalent. |
| 4. Coaxial Dummy Load | 50 ohms, 150W minimum. |

2.1.2.2 Test Equipment Interconnection

Figure 4-1 is a block diagram indicating hookup of test equipment for tune-up and troubleshooting procedures as outlined in the following pages.

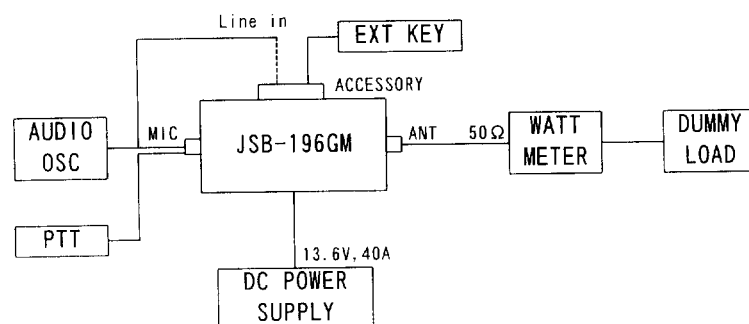


Figure 2-1 Test Equipment Interconnection

2.1.3 JSB-196GM TUNE UP PROCEDURE

The JSB-196GM is a wide band transceiver and will not require tune up procedures after the initial installation, unless major repairs, requiring major component changes, have been performed. Upon initial installation or in the event of such changes, perform the following procedures:

2.1.3.1 Transmitter Adjustment

Table 2-1 Transmitter Adjustment

No.	Item	Unit name	Test circuit	Adjusting procedures	Ratings
1.	POWER MENU operation	_____	Fig. 2-1	1. Initial settings: Audio oscillator: off 2. Adjustment: <u>Automatic power adjustment</u> 1) Clear the TX power data by MENU 17,PWR 2) Once turn off power, press both [POWER] and [MENU]. 3) Select "ADJ" by JOG dial. 4) Select "150" by JOG dial and then start Automatic power adjustment sequence.	
2.	MIC LEVEL MENU operation	_____	Fig. 2-1	1. Initial settings: TX frequency: 8294.0kHz Mode: USB Power: High Audio frequency: 1500 Hz Audio level : -55dBm 2. Adjustment: Adjust the transmit output by MENU 32.	30-70W
3.	LINE IN LEVEL RV430	TRX UNIT CMN-1960	Fig. 2-1	1. Initial settings: TX frequency: 8294.0kHz Mode: F1B Power: High Audio frequency: 1700 Hz Audio level : -15dBm 2. Adjustment: Adjust the transmit output by RV430.	30-70W
4.	PA BIAS RV1 and RV2	PA UNIT CAH-1960	Fig. 2-1	1. Initial settings: TX frequency: 8294.0kHz Mode: USB Power: Low Audio oscillator: off 2. Adjustment: 1) Rotate RV1 and RV2. 2) Turn on EXT KEY to transmit. 3) Measure the source current I_x . 4) Adjust the source current by RV1. 5) Adjust the source current by RV2.	$I = I_x + 300\text{mA}$ $I = I_x + (700-730\text{mA})$

Note: MENU 16-32 is User Definitions(Level 2 MENU).
 Once turn off the power, both press [POWER] and [MENU].

2.1.3.2 Receiver Adjustment

Figure 2-2 is a block diagram indicating hookup of test equipment for receiver test and adjustment.

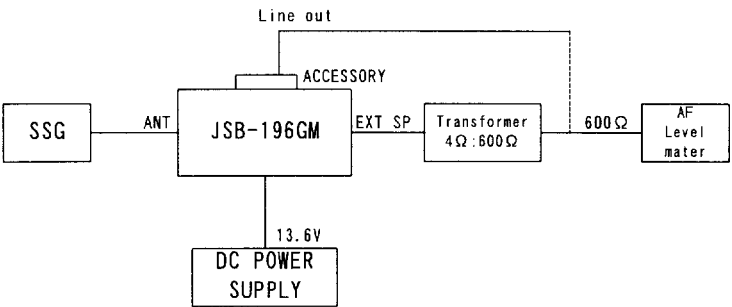


Figure 2-2 Receiver Test Circuit

Table 2-2 Receiver Adjustment

No.	Item	Unit name	Test circuit	Adjusting procedures	Ratings
1.	LINE OUT RV400	TRX UNIT CMN-1960	Fig. 2-2	1. Initial settings: RX frequency: 2400.0kHz Mode: USB SSG frequency:2401.5kHz SSG level: 30dBu e.m.f. 2. Adjustment: Adjust the line output level by RV400.	0dBm

2.2 NCT-196 DSC TERMINAL

2.2.1 SETTING OF THE SHORT PLUG, DIP SWITCHE AND ATTENUATOR

The settings of the short plugs and DIP switches are completed before shipping, therefore re-setting is not necessary except in the case of user options.

■ Short plug settings

Plug	Function	Default	After installation
ST1	Line input level A: 0dBm B: -10dBm	A	A

■ DIP switch settings

Switch No.	Function	Default	After installation
S1-1	Controlled by OFF:DSC/NBDP ON:DSC	ON	ON
S1-2	EEPROM initialization OFF:initialize ON:Not initialize	ON	ON
S1-3	EEPROM writing OFF:Disable ON:Enable	ON	OFF
S1-4	Transmission of factory test signal OFF:Possible ON:Not possible	ON	ON
S1-5	Signal transmit timing OFF:factory mode ON:normal	ON	ON
S1-6	High voltage control Normaly ON	ON	ON
S1-7	Reservation Normaly ON	ON	ON
S1-8	Reservation Normary ON	ON	ON

■ Line output level adjustment

Before shipping, the line output terminal is adjusted so that the output level is 0dBm with the attenuator setting to 10dB. The attenuator adjusts the output level in 1dB step intervals.

