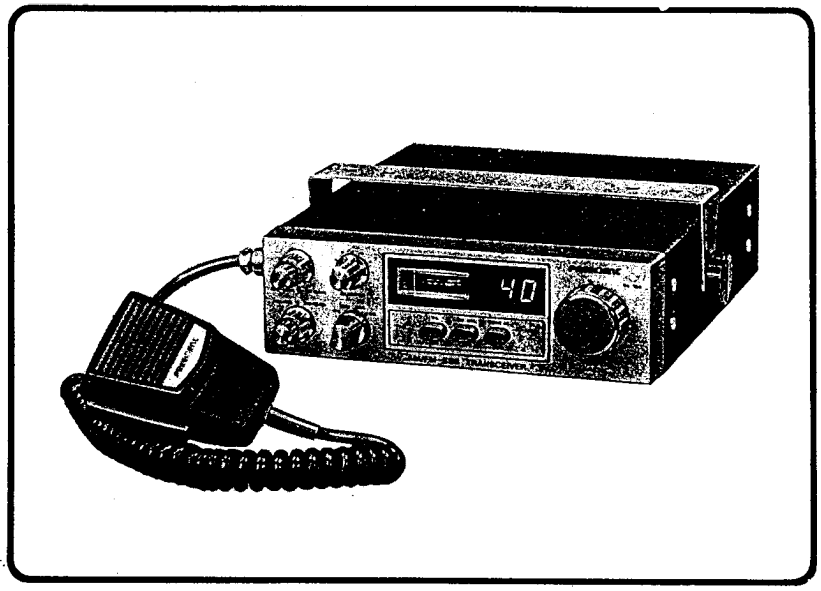
PRESIDENT™



JACK

SERVICE MANUAL

ALIGNMENT OF PLL & CARRIER OSCILLATOR PORTION

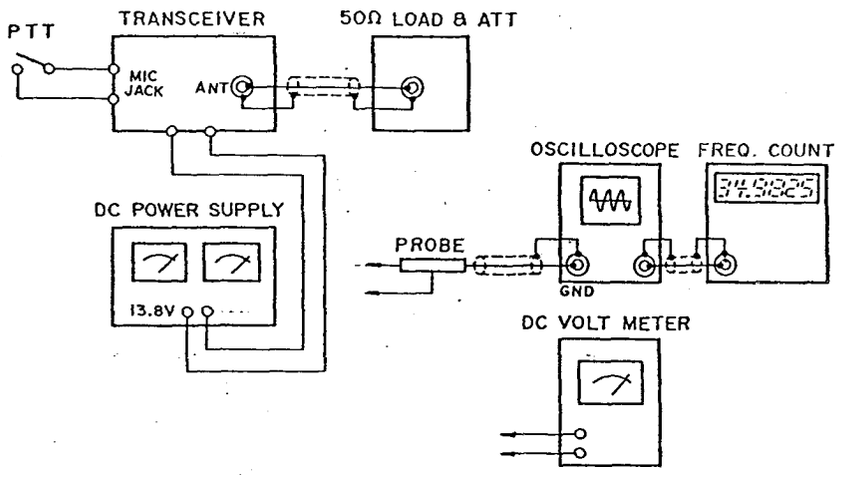
1. Test Equipment Required

a). RF VTVM
b). DC Power Supply (13.8V)
c). Frequency Counter (0 - 50MHz)
d). 50 ohm Load.

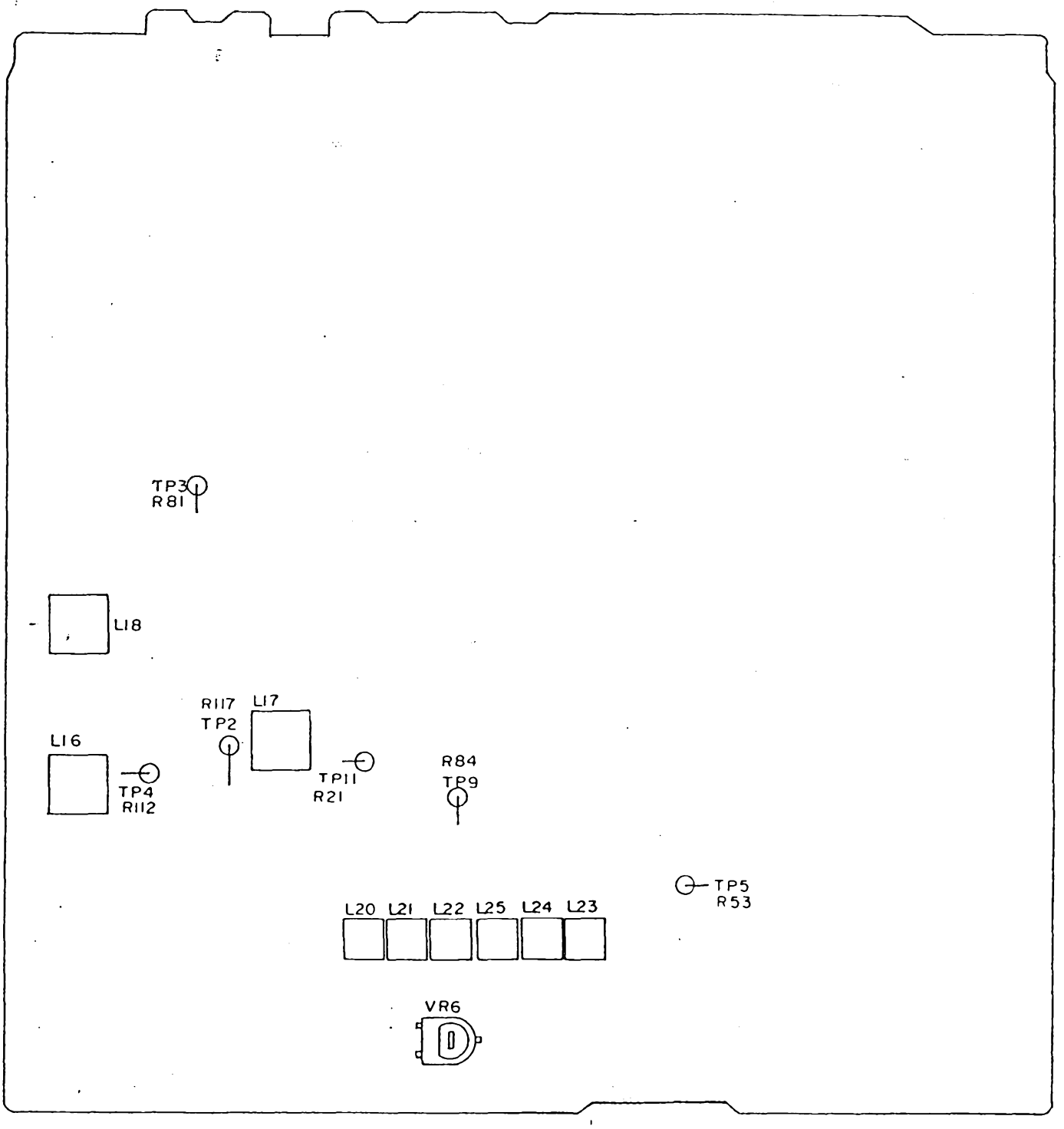
2. Alignment Procedure

STEP	PRESET TO	ADJUSTMENT	REMARKS
1	Channel: 40 Mode: AM, RX. Clari: Center Tone: Low PA/CB: CB	L16	Connect RF VTVM to TP4 (lead of R112). Adjust L16 for the maximum indication on oscilloscope.
2	Same as above EXEPT	L17	Connect DC Voltmeter to TP2 (lead of R117). Adjust L17 to obtain 5.5V reading and confirm beyound 2V in Low Band, channel 1.
3	Same as Step 1	L18	Connect RF VTVM to TP3 (lead of R81). Adjust L18 for the maximum reading.
4	Same as Step 1	L20	Connect Frequency counter to TP3 (lead of R81). Adjust L20 to obtain 16.7100MHz reading.
5	Mode: USB, RX.	L21	Adjust L21 to obtain 16.7125MHz reading.
6	Mode: LSB, RX.	L22	Adjust L22 to obtain 16.7075MHz reading.
7	Mode: LSB, TX.	VR6	Adjust VR6 to obtain 16.7075MHz reading.
8	Mode: LSB, RX.	L25	Connect Frequency counter to TP5 (lead of R53). Adjust L25 to obtain 10.6975MHz reading.
9	Mode: USB, RX.	L24	Adjust L24 to obtain 10.6925MHz reading.
10	Mode: AM, TX.	L23	Connect Frequency counter to TP9(lead of R84). Adjust L23 to obtain 10.6950MHz reading.

3. Test Equipment Connection



Alignment Test Point



ALIGNMENT OF TRANSMITTER PORTION

1. Test Equipment Required

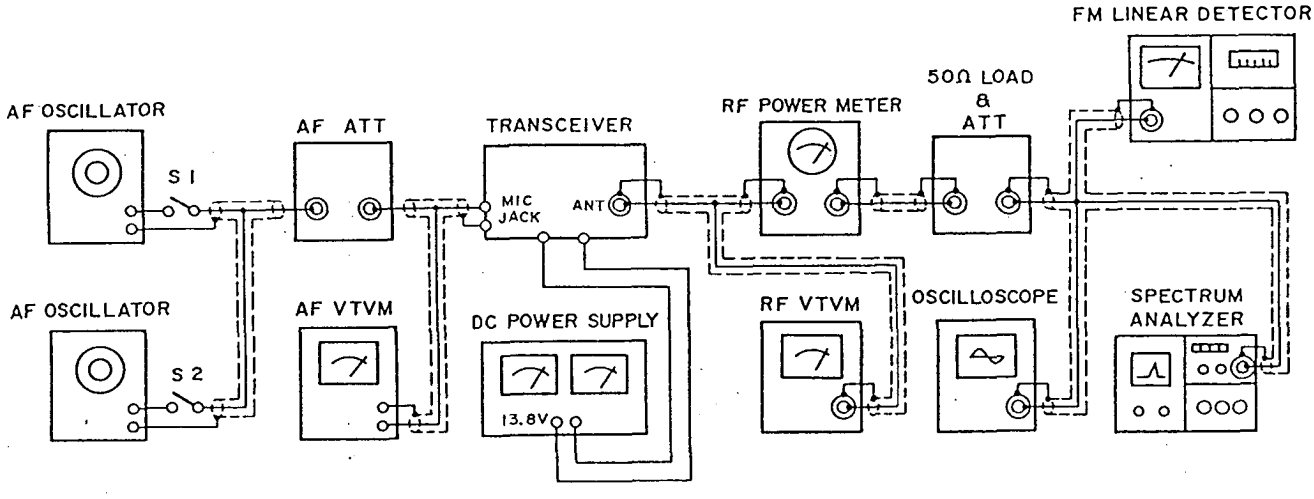
a). AF Signal Generator (1) for 500Hz and 1,000Hz
b). AF Signal Generator (2) for 2,400Hz
c). AF VTVM (150mV full scale)
d). RF VTVM (50V full scale)
e). RF Powermeter (10W Max. Thruline type)
f). 50 ohm Dummy Load
g). Oscilloscope
h). Harmonic Meter
i). DC Voltmeter
j). DC Ammeter (150mA full scale)

2. Alignment Procedure

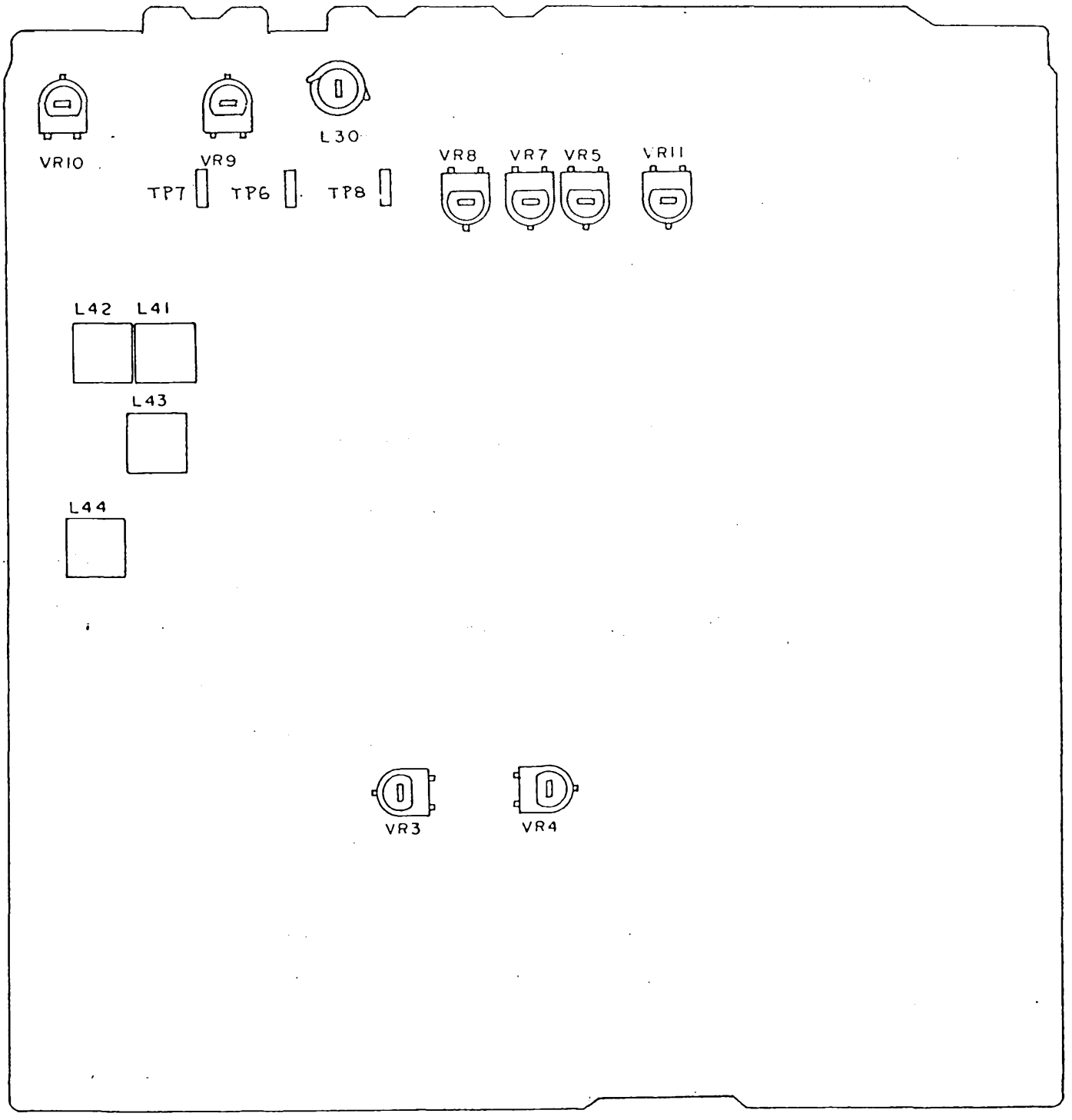
STEP	PRESET TO	ADJUSTMENT	REMARKS
1	Channel: 19 Mode: USB, TX. No Modulation	VR10	Connect DC Ammeter to TP8(+), TP7(-). Disconnect the PC-834AA. Adjust VR10 to obtain the current approx.8mA.
2	Same as Step 1	VR9	Connect DC Ammeter to TP8(+), TP6(-). Adjust VR9 to obtain the current approx. 100mA.
3	Channel: 19 Mode: USB, TX. AF SG: 30mV, Two Tone 500 and 2400Hz	L43 and L44	Disconnect the DC Ammeter. Connect PC-834. Connect Powermeter, RF VTVM & Oscilloscope. Set VR7 CW Max. Adjust the peak indication of coils to 19CH.
4	Same as above exept Channel: 19	L42	Turn the coar of L41 to be flat with upper side of the coil's cover. Adjust L42 for the maximum indication.
5	Same as above exept Channel: 19	L41	Adjust L41 for the maximum indication. While then, keep output voltage under 20V by adjusting SG.
6	Same as above Channel: 1 40	L41	Adjust L41 to obtain the minimum difference on the RF power meter between Channel 40 and Channel 1.
7	Channel: 19 Mode: AM, TX. 90% modulation	L30	Adjust L30 to obtain the maximum indication on the RF VTVM.
8	same as step 3	VR7	Adjust VR7 to obtain RF output of 24.5V on the RF VTVM.
9	Same as Step 1	VR4	Adjust VR4 to obtain the minimum carrier leakage.

STEP	PRESET TO	ADJUSTMENT	REMARKS
10	Same as Step 1 except LSB	VR4	Same as above
11	Repeat Steps 9 and 10 to obtain approximately the same amount of minimum carrier leakege on USB and LSB modes.		
12	Channel: 19 Mode: AM, TX. No Modulation	VR11	Adjust VR11 to obtain RF carrier power of 5.0W on RF Power meter.
13	Same as above	VR8	Adjust VR8 to obtain an indication of marked position on built-in meter.
14	Same as above exept AF SG: 30mV 1KHz Mod.	VR5	Adjust VR5 to obtain 90% (negative) modulation.
15	Same as above except Mode: FM	VR3	Connect Deviation meter. AF SSG supplies 1KHz, 30mV. Adjust VR3 to obtain 4.5KHz Deviation on Deviation meter.

3. Test Equipment Connection



Alignment Test Point



ALIGNMENT OF RECEIVER PORTION

1. Test Equipment Required

a). RF SSG
b). DC Voltmeter
c). AF VTVM
d). Oscilloscope

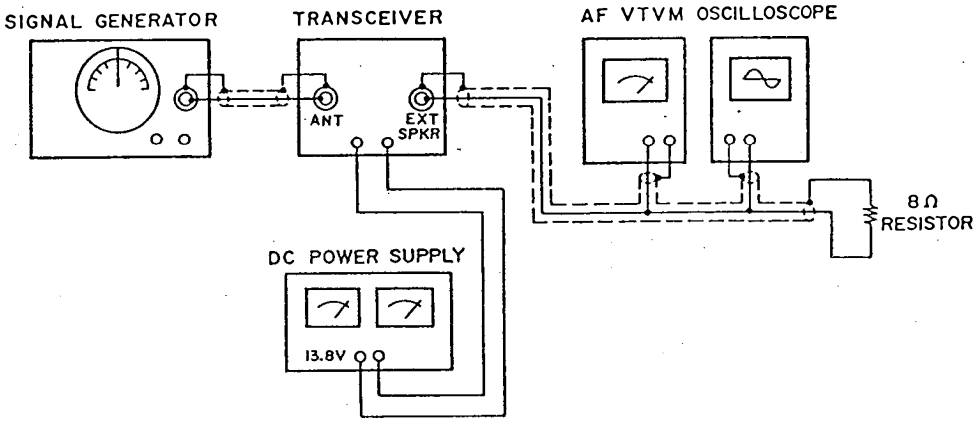
2. Alignment Procedure

Connect the AF VTVM and 8 ohm dummy load to EXT SP Jack during the alignment of receiver portion.

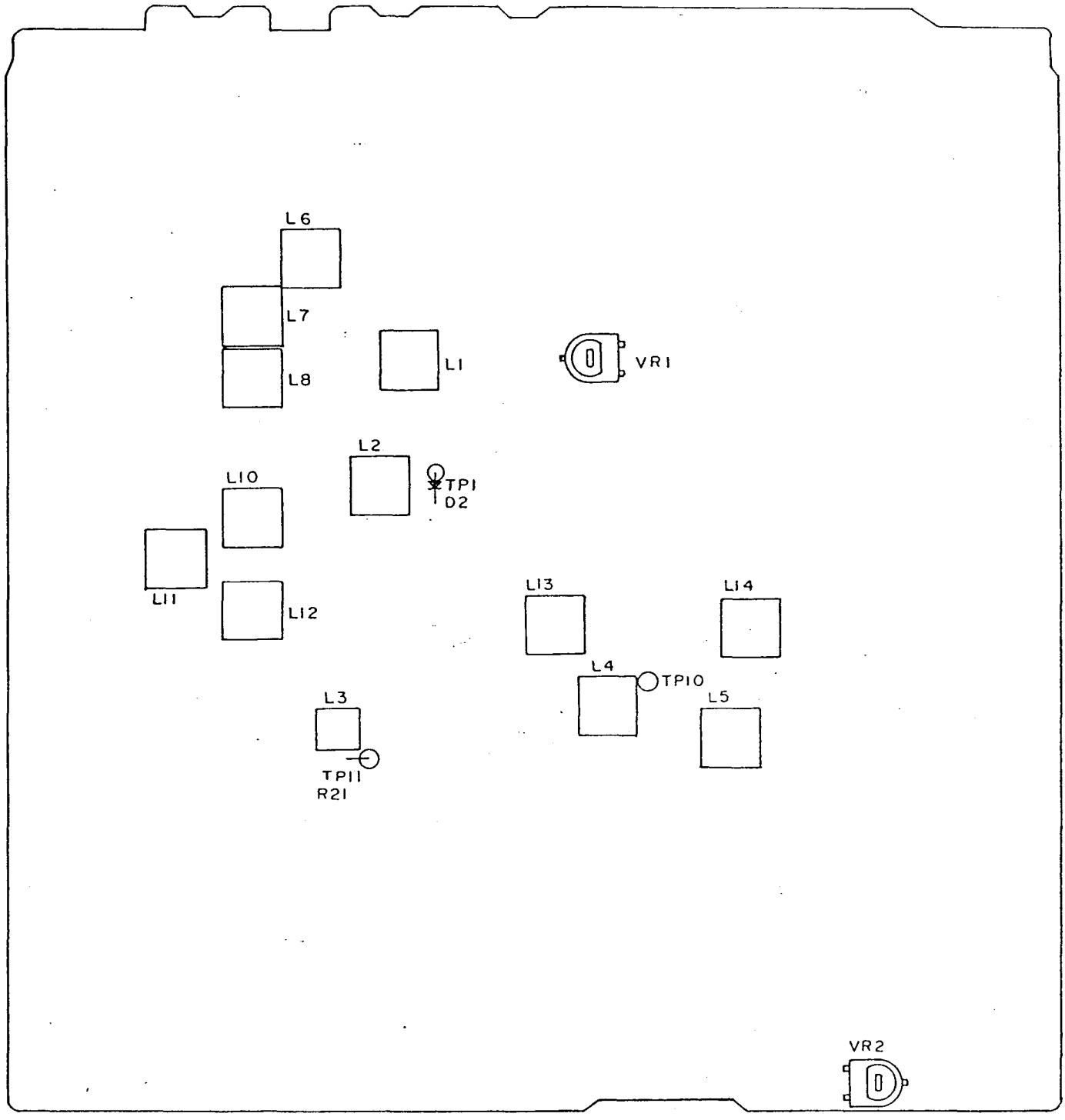
STEP	PRESET TO	ADJUSTMENT	REMARKS
1	Channel: 19 NB/ANL: OFF SQL: OFF RF GAIN: Max AF VOL: Max MODE: AM CB/PA: CB		Set RF SG to 27.185MHz with 30%, 1kHz modulation.
2	Same as above	L7	Turn the core of L7 to CW. maximum at the bottom.
3	Same as above	L6, 8, 10, 11 12, 13, 14.	Adjust coils to obtain the maximum AF output power. While then, keep output under 500mW by adjusting RF SG.
4	Same as above	L7	Adjust L7 to obtain the maximum AF output power.
5	Channel: 18 Mode: AM AB/ANL: ON Band: mid.	L1 and L2	Connect oscilloscope to TP1. Set RF SSG to 18ch with no modulation. (SG ATT.:20dB) Adjust L1 and L2 to obtain the maximum DC voltage.
6	Channel: 19 Mode: AM SQL: MAX	VR2	Set SSG 19ch, 1KHz, 30% Mod. Adjust VR2 to turn off the squelch circuit when SSG output comes up to 1000uV.
7	Same as above	VR1	Set the SSG to 100uV output with no-modulation. Adjust VR1 to obtain "S-9" on transceiver's meter.

STEP	PRESET TO	ADJUSTMENT	REMARKS
8	CH: 19 Mode: FM	L3 and L4	Set the SSG to 5uV, NO Modulation. Connect Oscilloscope to TP10(lead of R279). Adjust Coils to obtain the maximum indication on Oscilloscope.
9	Same as above	L5	Set the SSG to FM 1KHz, 1.5KHz Deviation 1mV. Adjust L5 to obtain the maximum indication on Oscilloscope.

3. Test Equipment Connection



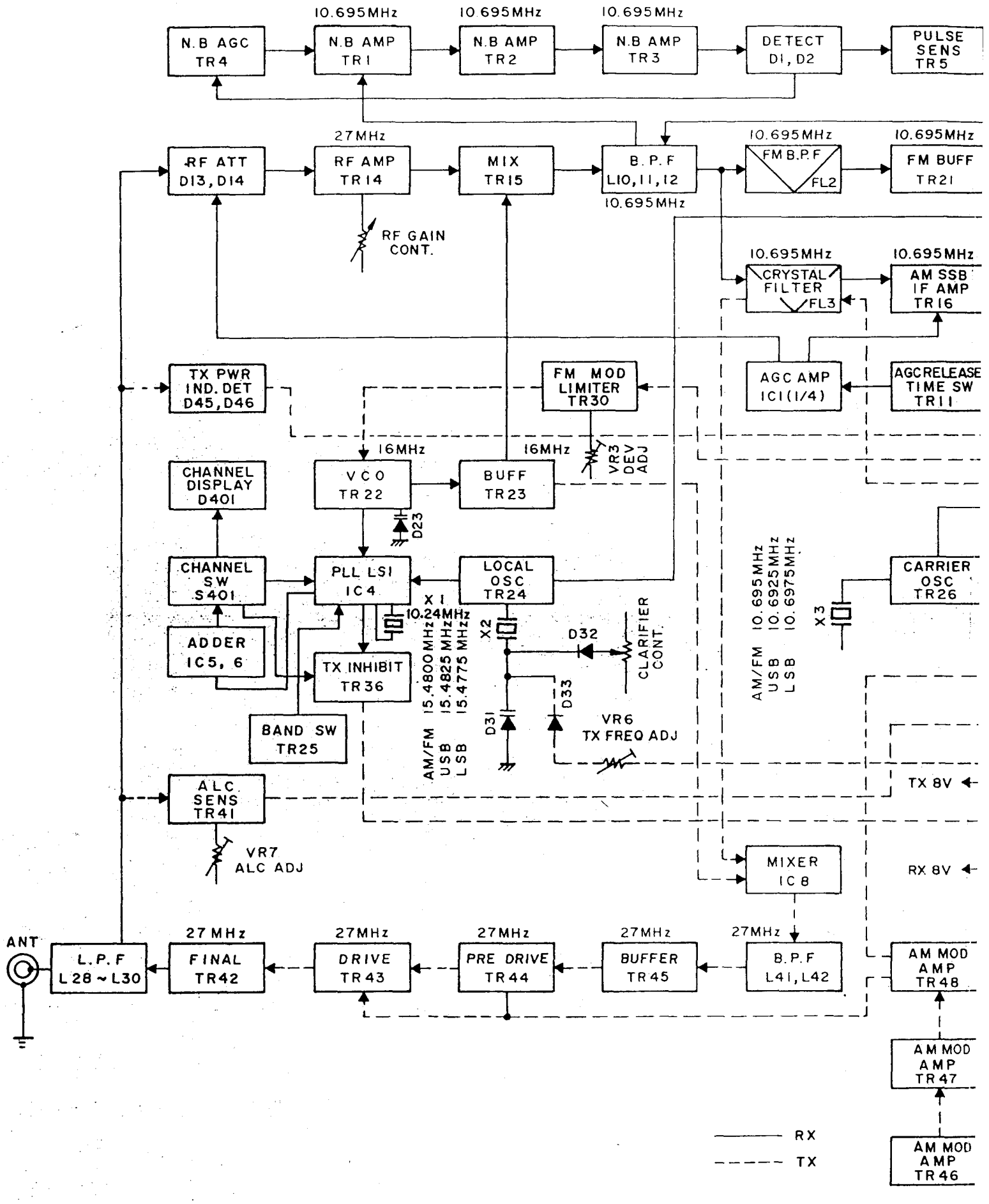
Alignment Test Point

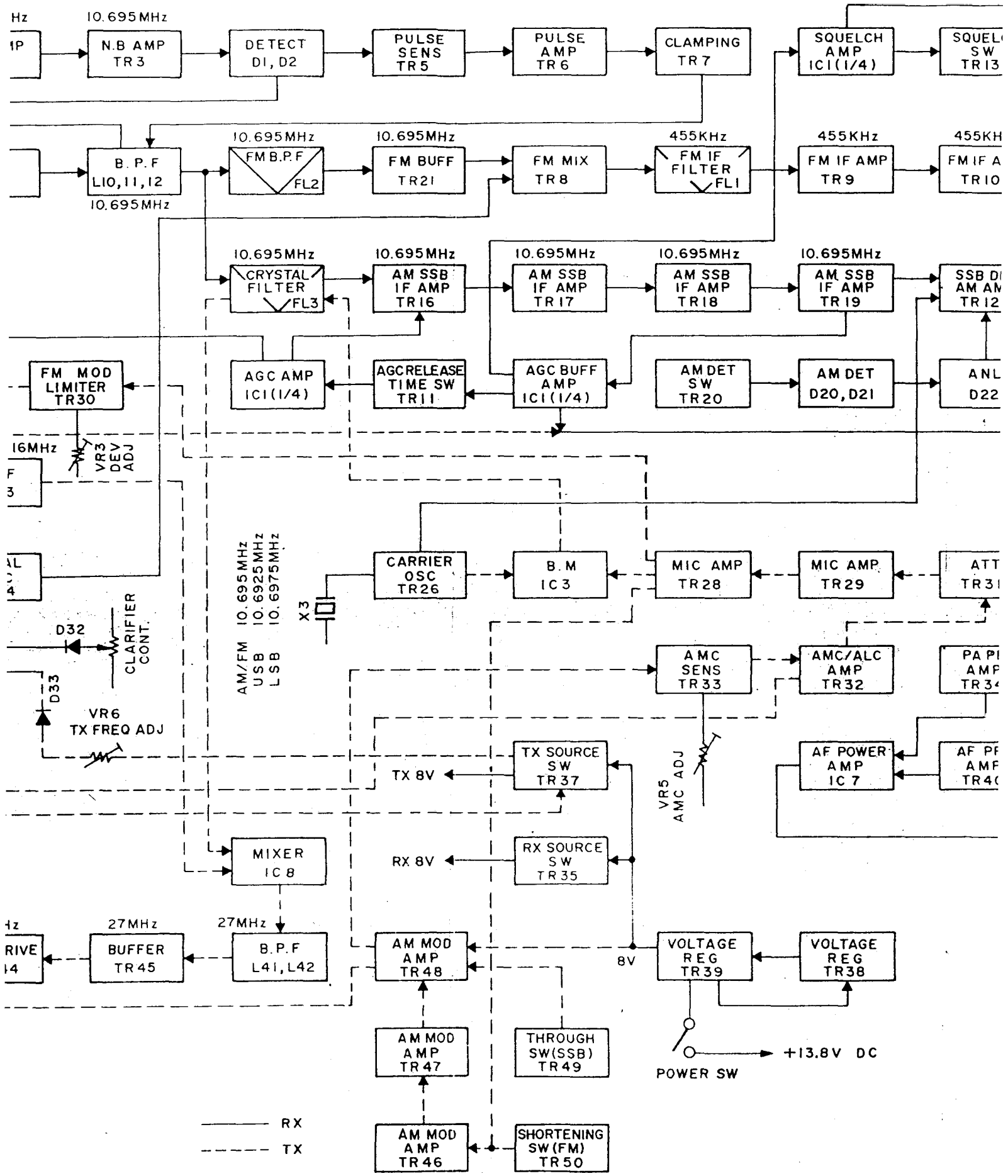


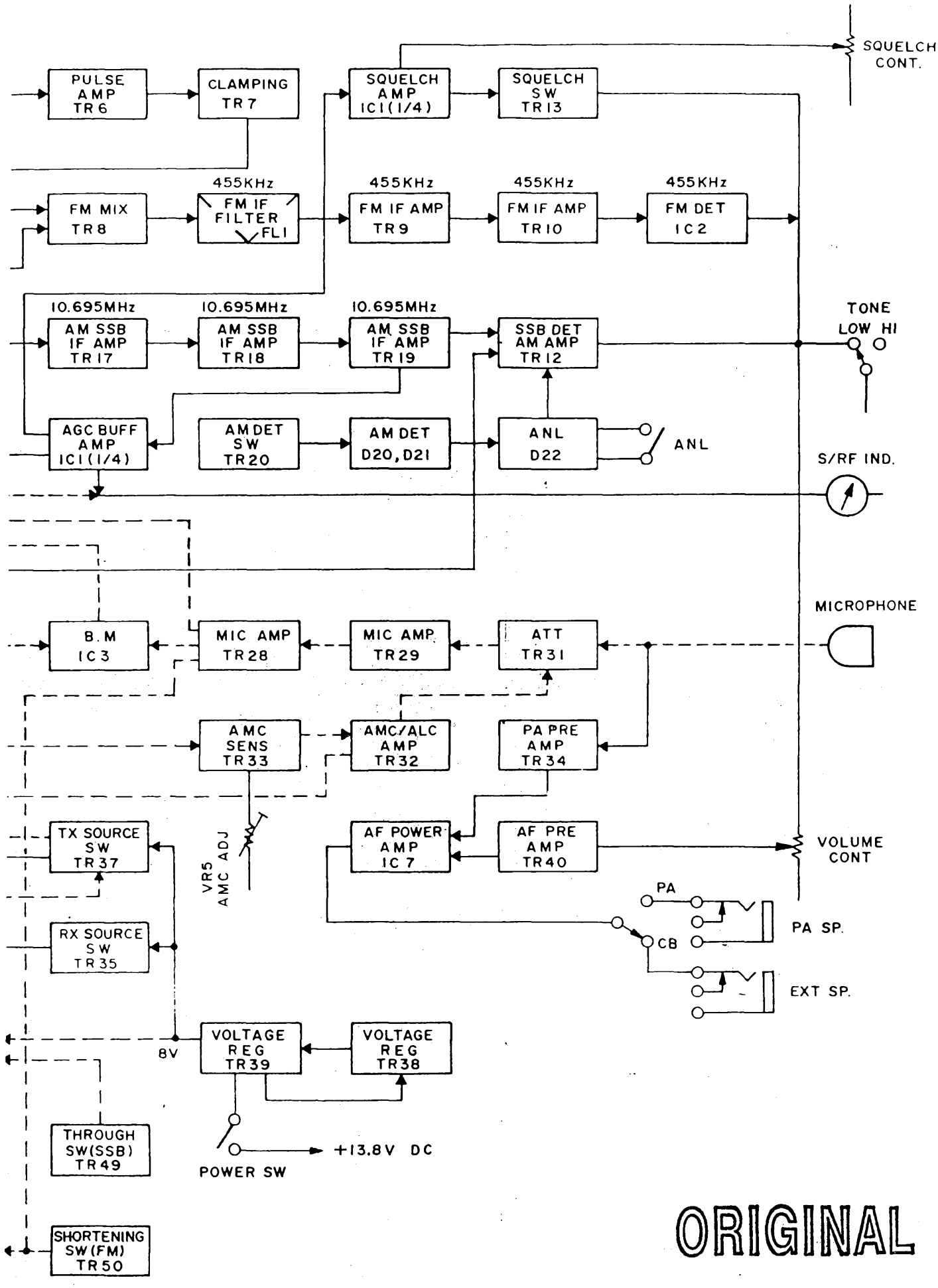
FREQUENCIES OF LOCAL OSCILLATORS AND IF STAGE IN RECEIVING STATE

Channel No.	Reception Frequencies (MHz)	Divide Ratio (N)	Local Oscillator Frequencies (MHz) AM/FM mode	USB mode	LSB mode
1	26.965	79	16.270	16.2725	16.2675
2	.975	80	16.280	16.2825	16.2775
3	.985	81	16.290	16.2925	16.2875
4	27.005	83	16.310	16.3125	16.3075
5	.015	84	16.320	16.3225	16.3175
6	.025	85	16.330	16.3325	16.3275
7	.035	86	16.340	16.3425	16.3375
8	.055	88	16.360	16.3625	16.3575
9	.065	89	16.370	16.3725	16.3675
10	.075	90	16.380	16.3825	16.3775
11	.085	91	16.390	16.3925	16.3875
12	.105	93	16.410	16.4125	16.4075
13	.115	94	16.420	16.4225	16.4175
14	.125	95	16.430	16.4325	16.4275
15	.135	96	16.440	16.4425	16.4375
16	.155	98	16.460	16.4625	16.4575
17	.165	99	16.470	16.4725	16.4675
18	.175	100	16.480	16.4825	16.4775
19	.185	101	16.490	16.4925	16.4875
20	.205	103	16.510	16.5125	16.5075
21	.215	104	16.520	16.5225	16.5175
22	.225	105	16.530	16.5325	16.5275
23	.255	108	16.560	16.5625	16.5575
24	.235	106	16.540	16.5425	16.5375
25	.245	107	16.550	16.5525	16.5475
26	.265	109	16.570	16.5725	16.5675
27	.275	110	16.580	16.5825	16.5775
28	.285	111	16.590	16.5925	16.5875
29	.295	112	16.600	16.6025	16.5975
30	.305	113	16.610	16.6125	16.6075
31	.315	114	16.620	16.6225	16.6175
32	.325	115	16.630	16.6325	16.6275
33	.335	116	16.640	16.6425	16.6375
34	.345	117	16.650	16.6525	16.6475
35	.355	118	16.660	16.6625	16.6575
36	.365	119	16.670	16.6725	16.6675
37	.375	120	16.680	16.6825	16.6775
38	.385	121	16.690	16.6925	16.6875
39	.395	122	16.700	16.7025	16.6975
40	.405	123	16.710	16.7125	16.7075

1st IF Frequency is 10.695 MHz on all of 40 channels.


10.695MHz
N.B AGC TR4
N.B AMP TR1
N.B AMP TR2
N.B AMP TR3
DETECT D1, D2
PULSE SENS TR5
27MHz
RF ATT D13, D14
RF AMP TR14
MIX TR15
B.P.F L10, 11, 12
FM B.P.F FL2
FM BUFF TR21
RF GAIN CONT.
CRYSTAL FILTER FL3
AM SSB IF AMP TR16
TX PWR IND. DET D45, D46
FM MOD LIMITER TR30
AGC AMP IC1(1/4)
AGC RELEASE TIME SW TR11
16MHz
VR3 DEV ADJ
CHANNEL DISPLAY D401
VCO TR22
BUFF TR23
D23
CHANNEL SW S401
PLL LSI IC4
LOCAL OSC TR24
CARRIER OSC TR26
X1
10.24MHz
X2
X3
AM/FM 10.695MHz
USB 10.6925MHz
LSB 10.6975MHz
ADDER IC5, 6
TX INHIBIT TR36
D32
CLARIFIER CONT.
AM/FM 15.4800MHz
USB 15.4825MHz
LSB 15.4775MHz
D31
D33
VR6 TX FREQ ADJ
BAND SW TR25
TX 8V
ALC SENS TR41
VR7 ALC ADJ
MIXER IC8
RX 8V
ANT
L.P.F L28~L30
FINAL TR42
DRIVE TR43
PRE DRIVE TR44
BUFFER TR45
B.P.F L41, L42
AM MOD AMP TR48
AM MOD AMP TR47
AM MOD AMP TR46
RX
TX


10.695MHz
N.B AMP TR3
DETECT D1, D2
PULSE SENS TR5
PULSE AMP TR6
CLAMPING TR7
SQUELCH AMP IC1(1/4)
B. P. F L10, 11, 12
10.695MHz
FM B.P.F FL2
10.695MHz
FM BUFF TR21
FM MIX TR8
455KHz
FM IF FILTER FL1
455KHz
FM IF AMP TR9
CRYSTAL FILTER FL3
AM SSB IF AMP TR16
AM SSB IF AMP TR17
AM SSB IF AMP TR18
AM SSB IF AMP TR19
FM MOD LIMITER TR30
AGC AMP IC1(1/4)
AGC RELEASE TIME SW TR11
AGC BUFF AMP IC1(1/4)
AM DET SW TR20
AM DET D20, D21
VR3 DEV ADJ
CARRIER OSC TR26
B. M IC3
MIC AMP TR28
MIC AMP TR29
X3
AM/FM 10.695MHz USB 10.6925MHz LSB 10.6975MHz
D32
CLARIFIER CONT.
D33
VR6 TX FREQ ADJ
AMC SENS TR33
AMC/ALC AMP TR32
TX SOURCE SW TR37
TX 8V
VR5 AMC ADJ
AF POWER AMP IC7
MIXER IC8
RX 8V
RX SOURCE SW TR35
27MHz
27MHz
BUFFER TR45
B.P.F L41, L42
AM MOD AMP TR48
8V
VOLTAGE REG TR39
VOLTAGE REG TR38
AM MOD AMP TR47
THROUGH SW(SSB) TR49
+13.8V DC
POWER SW
AM MOD AMP TR46
SHORTENING SW(FM) TR50
RX
TX



ORIGINAL

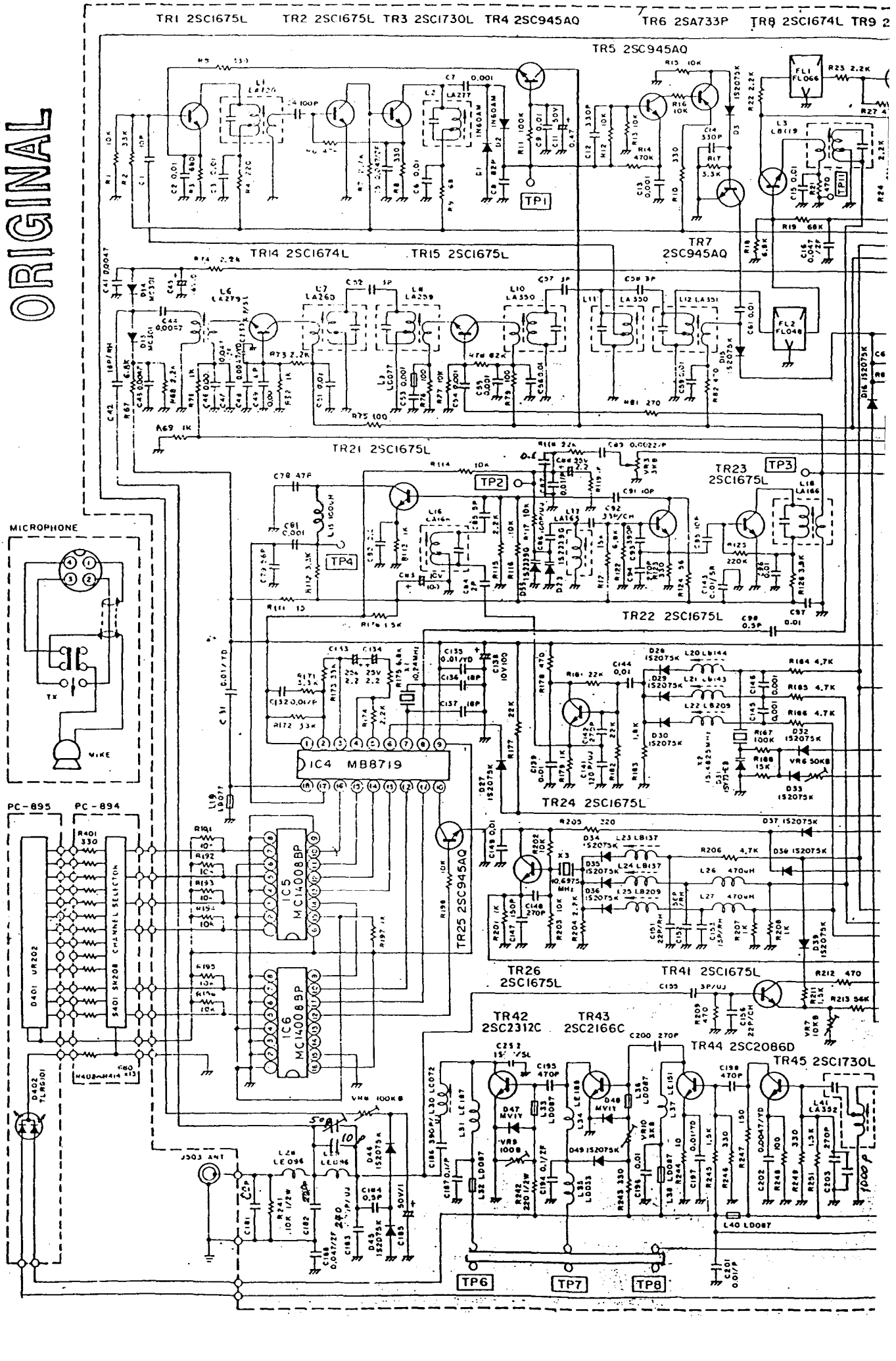
BLOCK DIAGRAM

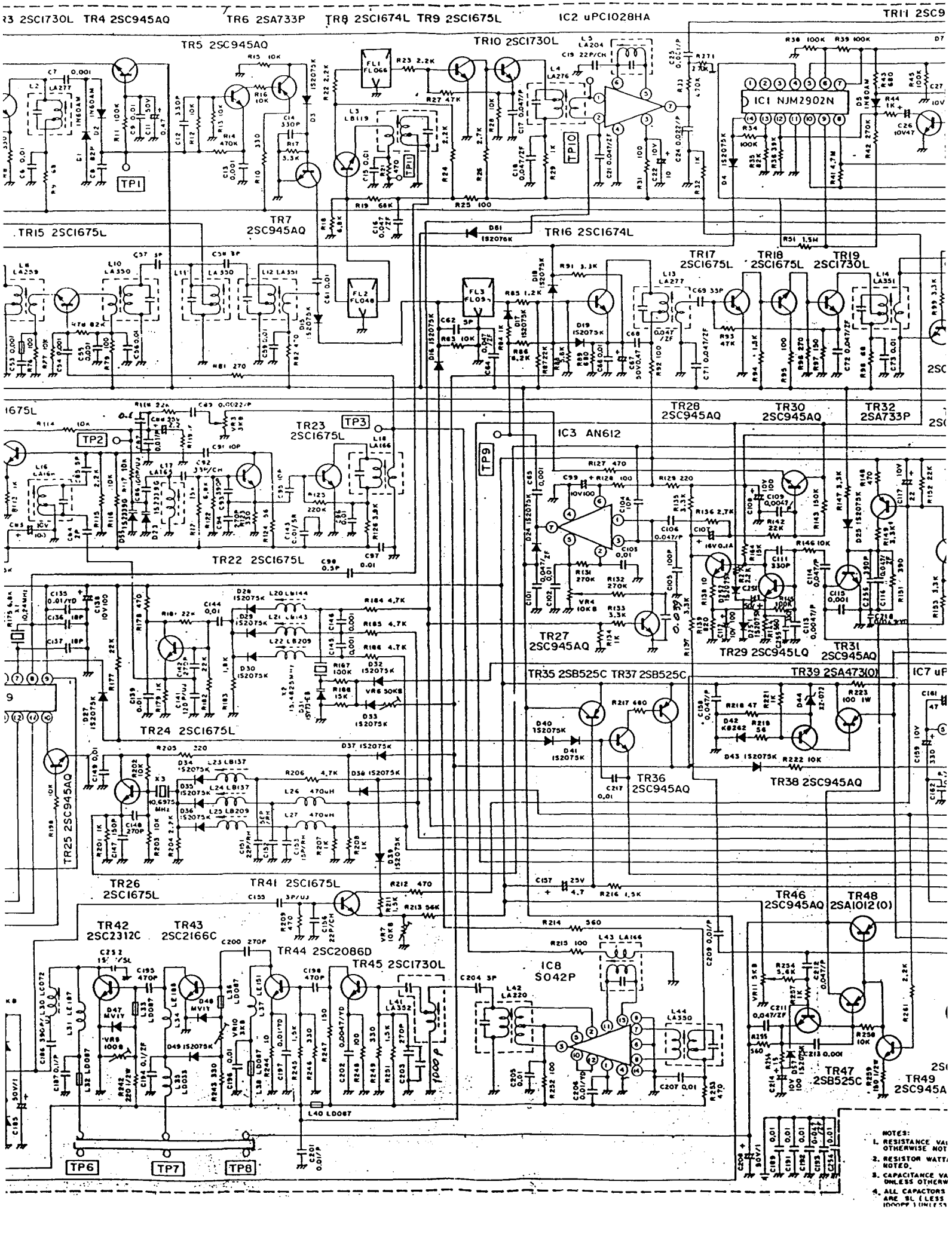
MODEL : JACK

UT-539D

PRESIDENT

ORIGINAL

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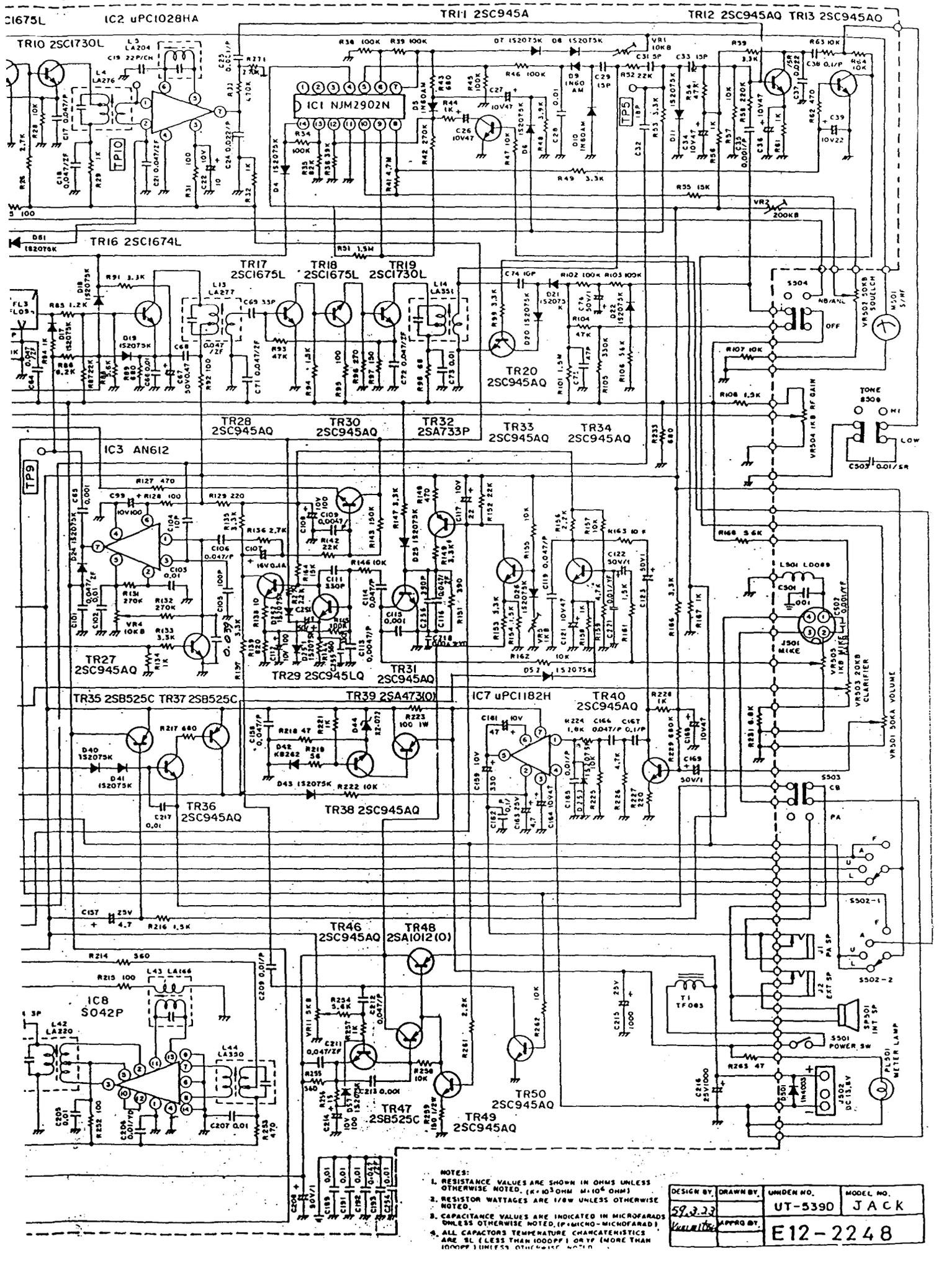
TR6 2SA733P TR8 2SC1674L TR9 2SC1675L
IC2 uPC1028HA
TR11 2SC9
TR5 2SC945AQ
TR10 2SC1730L
IC1 NJM2902N
TR7 2SC945AQ
TR15 2SC1675L
TR16 2SC1674L
TR17 2SC1675L
TR18 2SC1675L
TR19 2SC1730L
TR23 2SC1675L
IC3 AN612
TR28 2SC945AQ
TR30 2SC945AQ
TR32 2SA733P
TR22 2SC1675L
TR27 2SC945AQ
TR29 2SC945LQ
TR31 2SC945AQ
TR24 2SC1675L
TR35 2SB525C
TR37 2SB525C
TR39 2SA473(O)
IC7 uP
TR25 2SC945AQ
TR36 2SC945AQ
TR38 2SC945AQ
TR26 2SC1675L
TR41 2SC1675L
TR42 2SC2312C
TR43 2SC2166C
TR44 2SC2086D
TR45 2SC1730L
IC8 S042P
TR46 2SC945AQ
TR48 2SA1012(O)
TR47 2SB525C
TR49 2SC945A
TP1
TP2
TP3
TP6
TP7
TP8
TP9
TP10
NOTES:
1. RESISTANCE VA
OTHERWISE NOT
2. RESISTOR WATTA
NOTED.
3. CAPACITANCE VA
UNLESS OTHERW
4. ALL CAPACITORS
ARE SI (LESS

JACK



NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=10^3 OHM M=10^6 OHM)
2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICROFARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICROFARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE SL (LESS THAN 1000PF) OR YP (MORE THAN 1000PF) UNLESS OTHERWISE NOTED.

DESIGN BY.	DRAWN BY.	UNIDEN NO.	MODEL NO.
89.3.23		UT-5390	JACK
	APPRO BY.	E12-2248	

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ELECTRONICS EUROPE
S.A. CAPITAL 20.000.000 F.F. - SIREN SETE 315 230 490

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Télex : 490534F - Fax : 67.48.48.49

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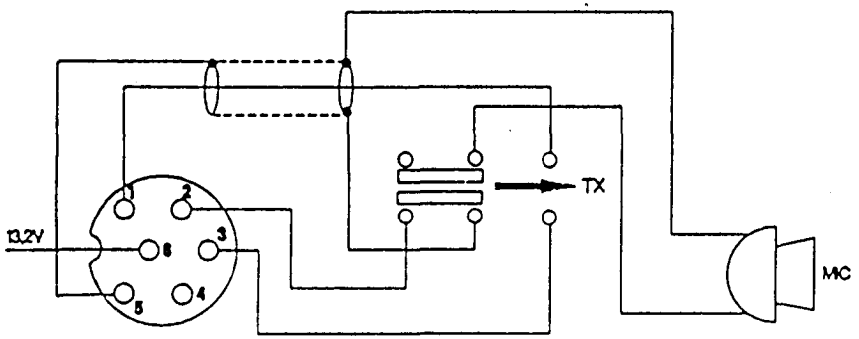
50/56, Rue du Pré des Aulnes - Parc d'activités des Arpents
77340 PONTAULT- COMBAULT
Tél : (1) 60.29.28.27 - Fax : (1) 60.28.44.00

BRANCHEMENT PRISE MICRO 6 BROCHES NC 518

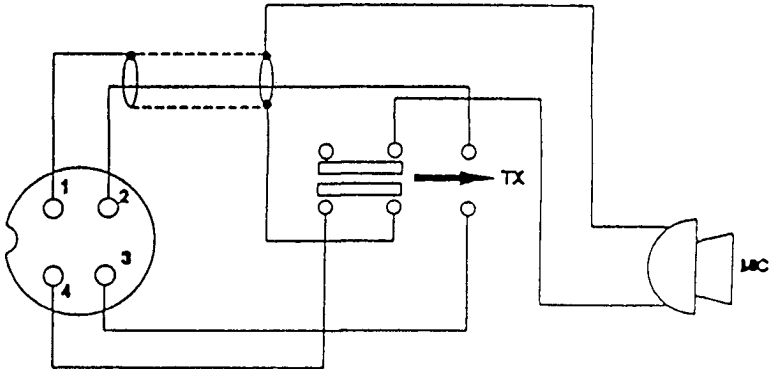
N° BROCHES	DESIGNATION CABLES
1	Modulation
2	RX
3	TX
4	Non connectée
5	Masse
6	Alimentation

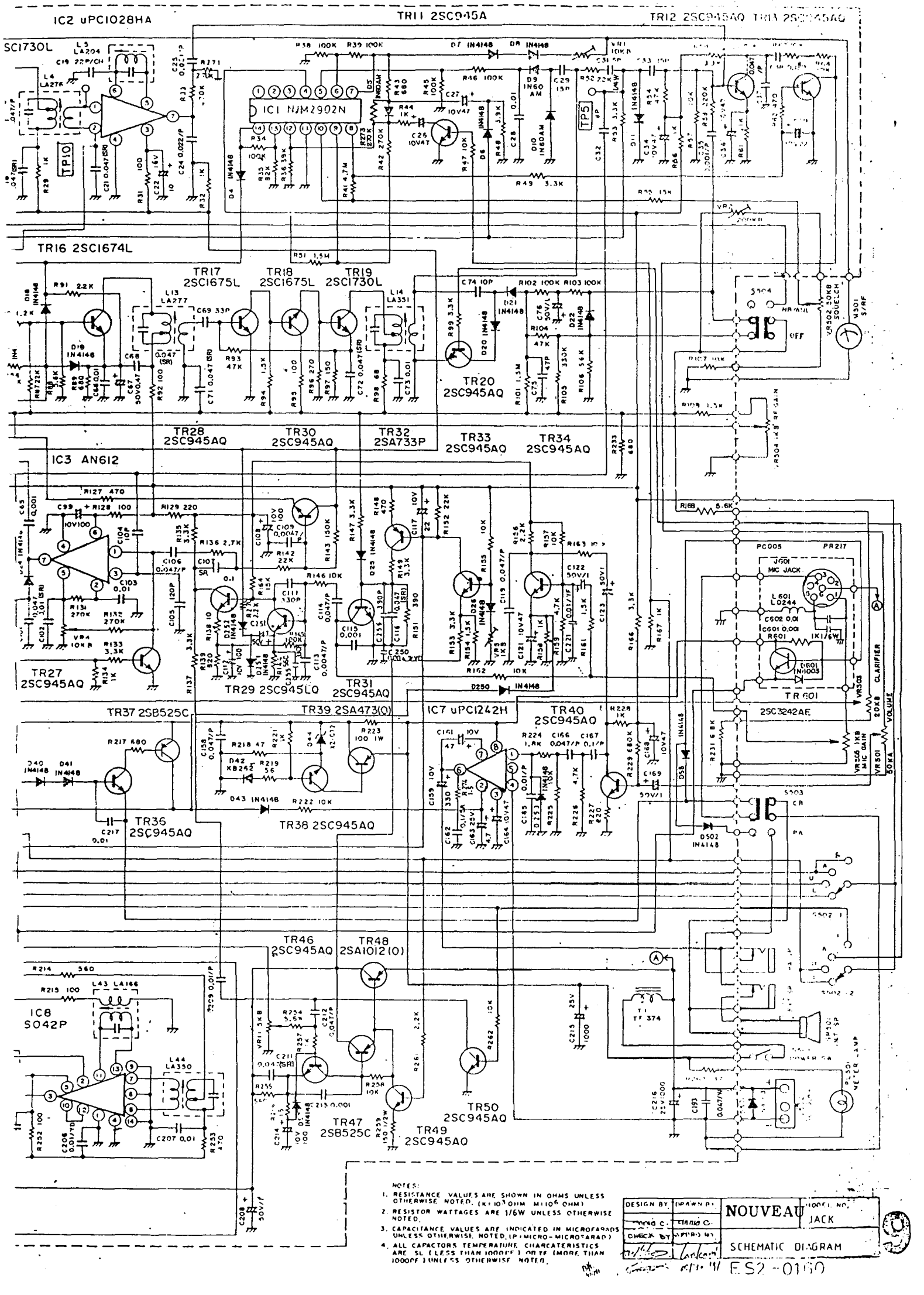


ATTENTION BIEN VERIFIER LE BRANCHEMENT DE LA BROCHE 6

BRANCHEMENT PRISE MICRO 4 BROCHES NC 514

N° BROCHES	DESIGNATION CABLES
1	Masse
2	Modulation
3	TX
4	RX

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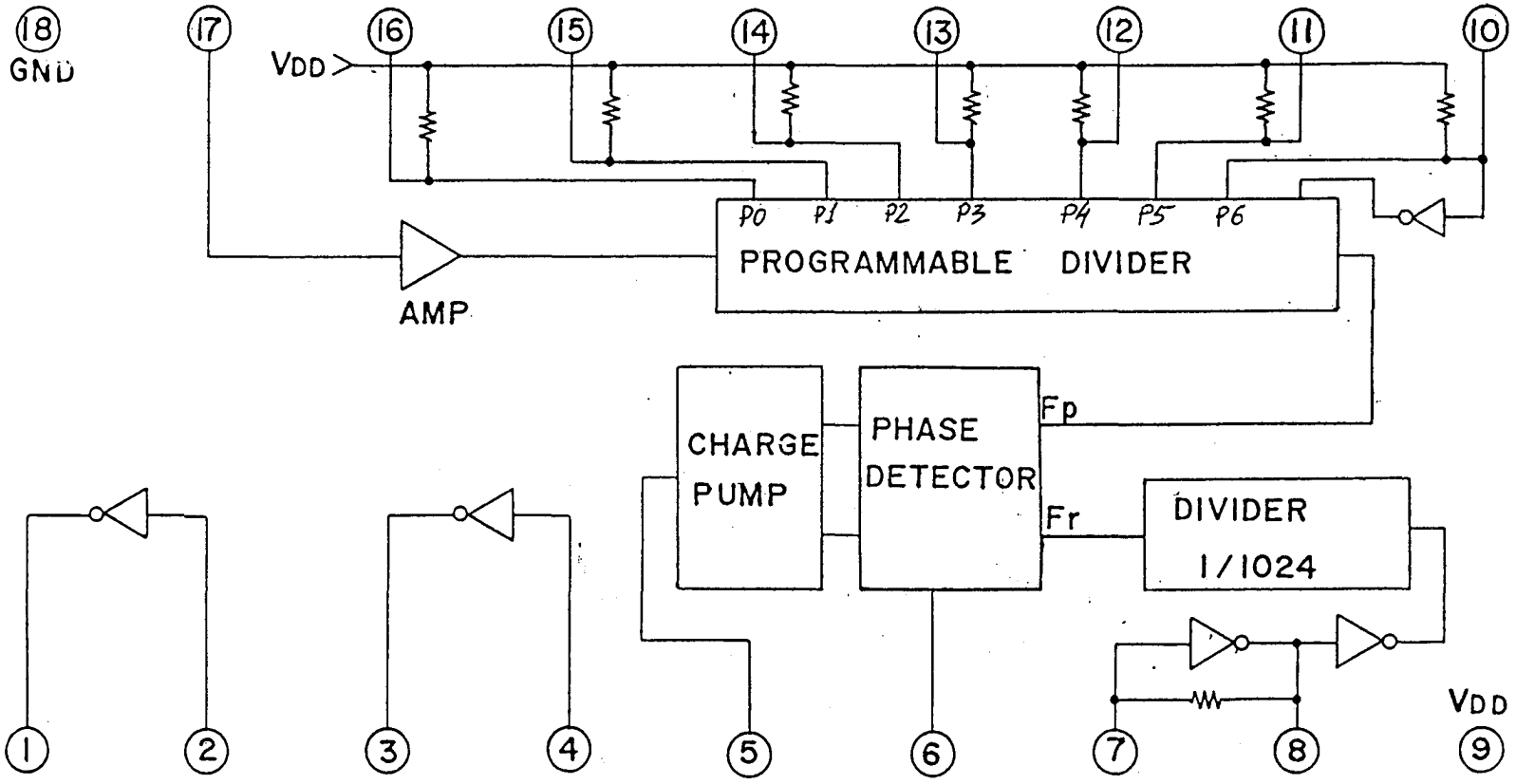
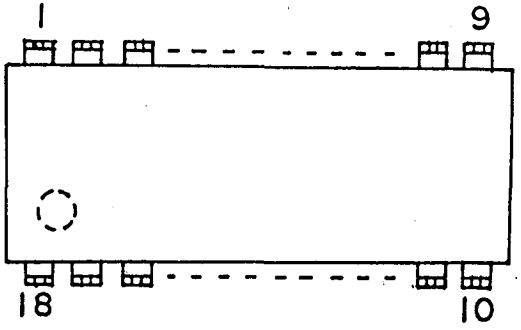
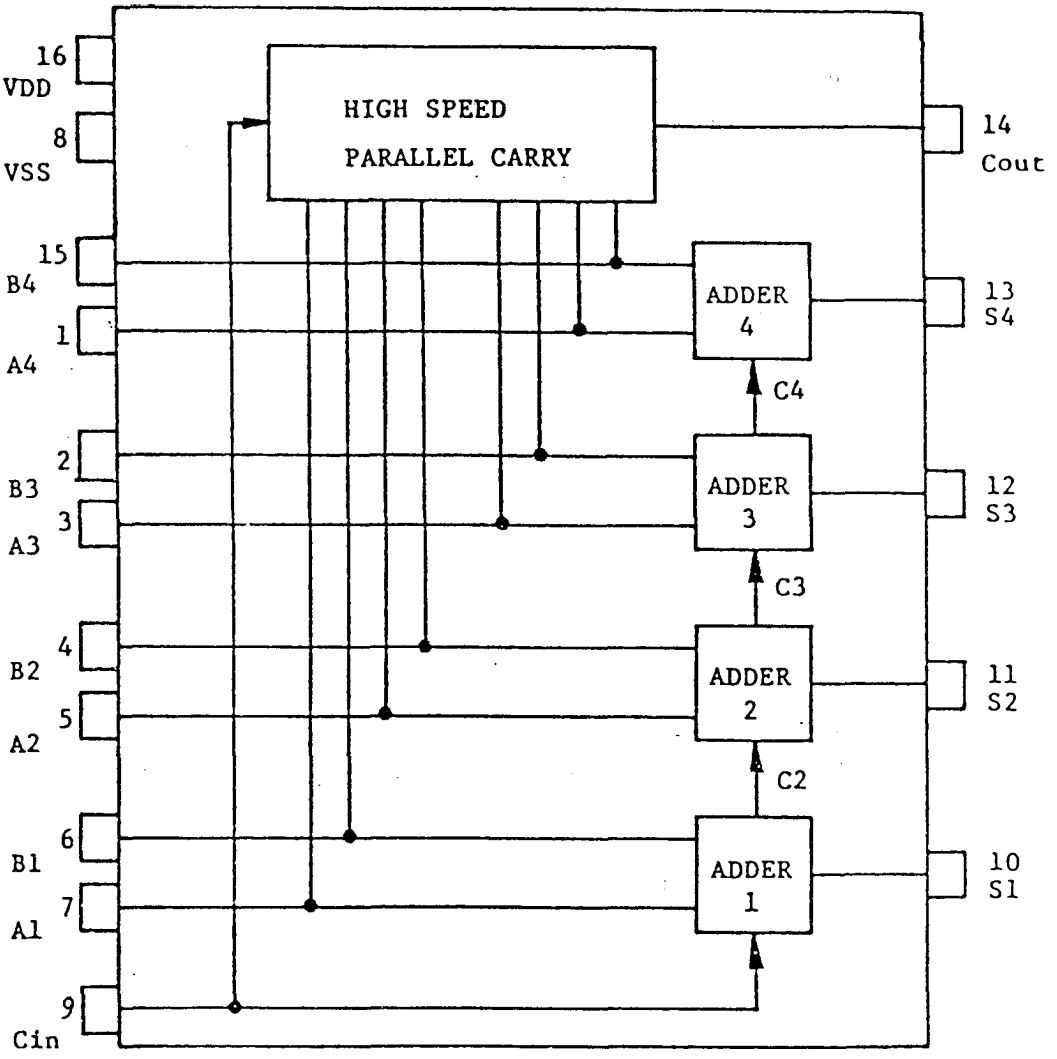
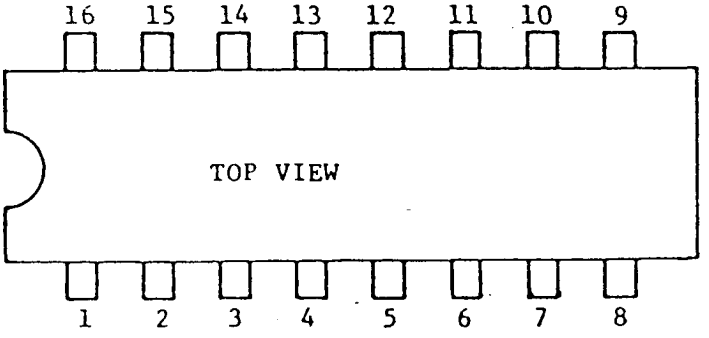
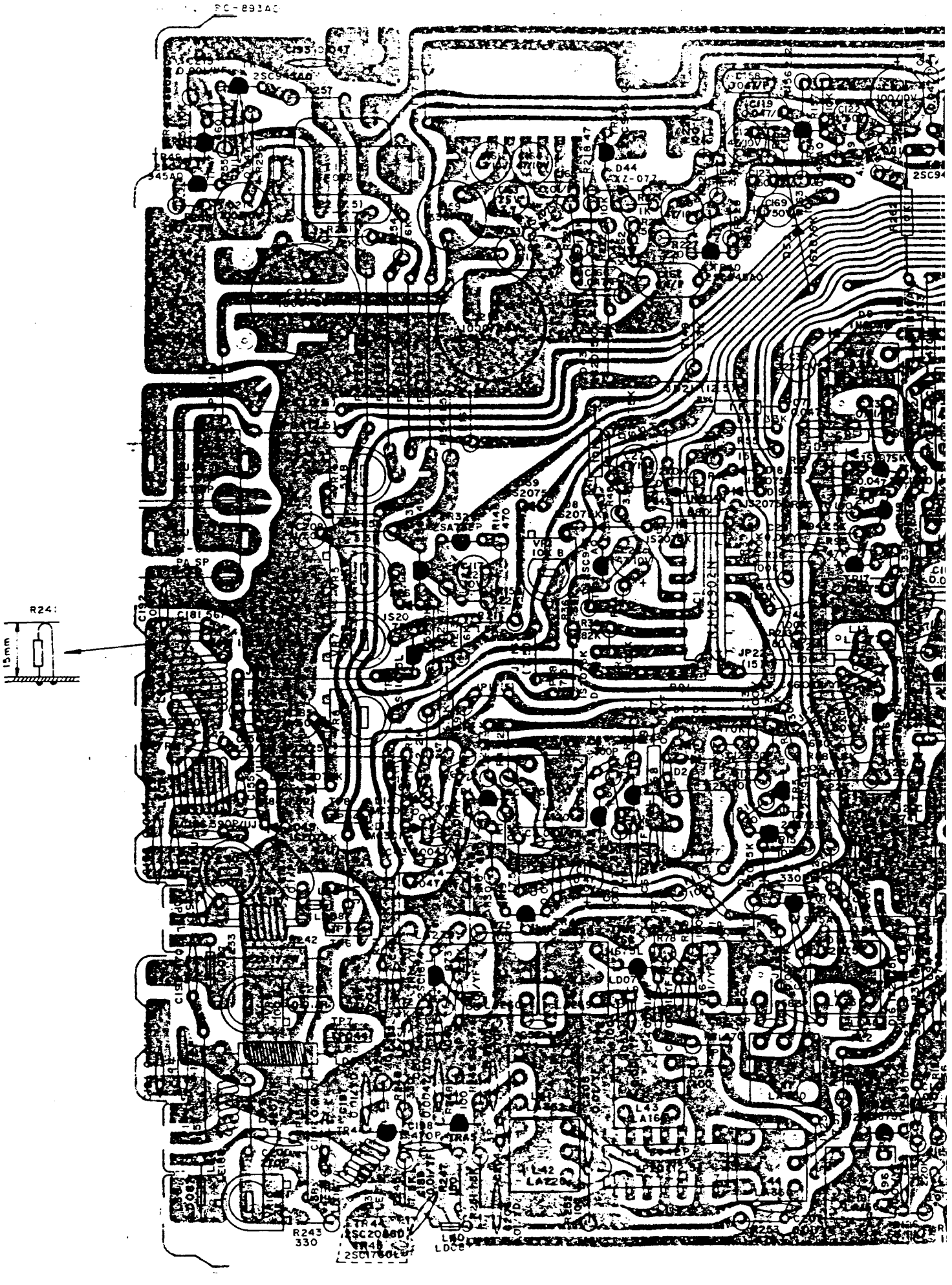
TR11 2SC945A
TR12 2SC945AQ
TR13 2SC945AQ
SCI730L
IC1 NJM2902N
TR16 2SC1674L
TR17 2SC1675L
TR18 2SC1675L
TR19 2SC1730L
TR20 2SC945AQ
TR28 2SC945AQ
TR30 2SC945AQ
TR32 2SA733P
TR33 2SC945AQ
TR34 2SC945AQ
IC3 AN612
TR27 2SC945AQ
TR29 2SC945LQ
TR31 2SC945AQ
TR37 2SB525C
TR39 2SA473(O)
IC7 uPC1242H
TR40 2SC945AQ
TR36 2SC945AQ
TR38 2SC945AQ
TR46 2SC945AQ
TR48 2SA1012(O)
IC8 S042P
TR47 2SB525C
TR49 2SC945AQ
TR50 2SC945AQ
TR 601 2SC3242AE
MIC JACK
CLARIFIER VOLUME
MIC GAIN
METER SW
NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=10³ OHM M=10⁶ OHM)
2. RESISTOR WATTAGES ARE 1/6W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICROFARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICROFARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE SL (LESS THAN 1000PF) OR TF (MORE THAN 1000PF) UNLESS OTHERWISE NOTED.
DESIGN BY
DRAWN BY
NOUVEAU
MODEL NO.
JACK
SCHEMATIC DIAGRAM
ES2-0150

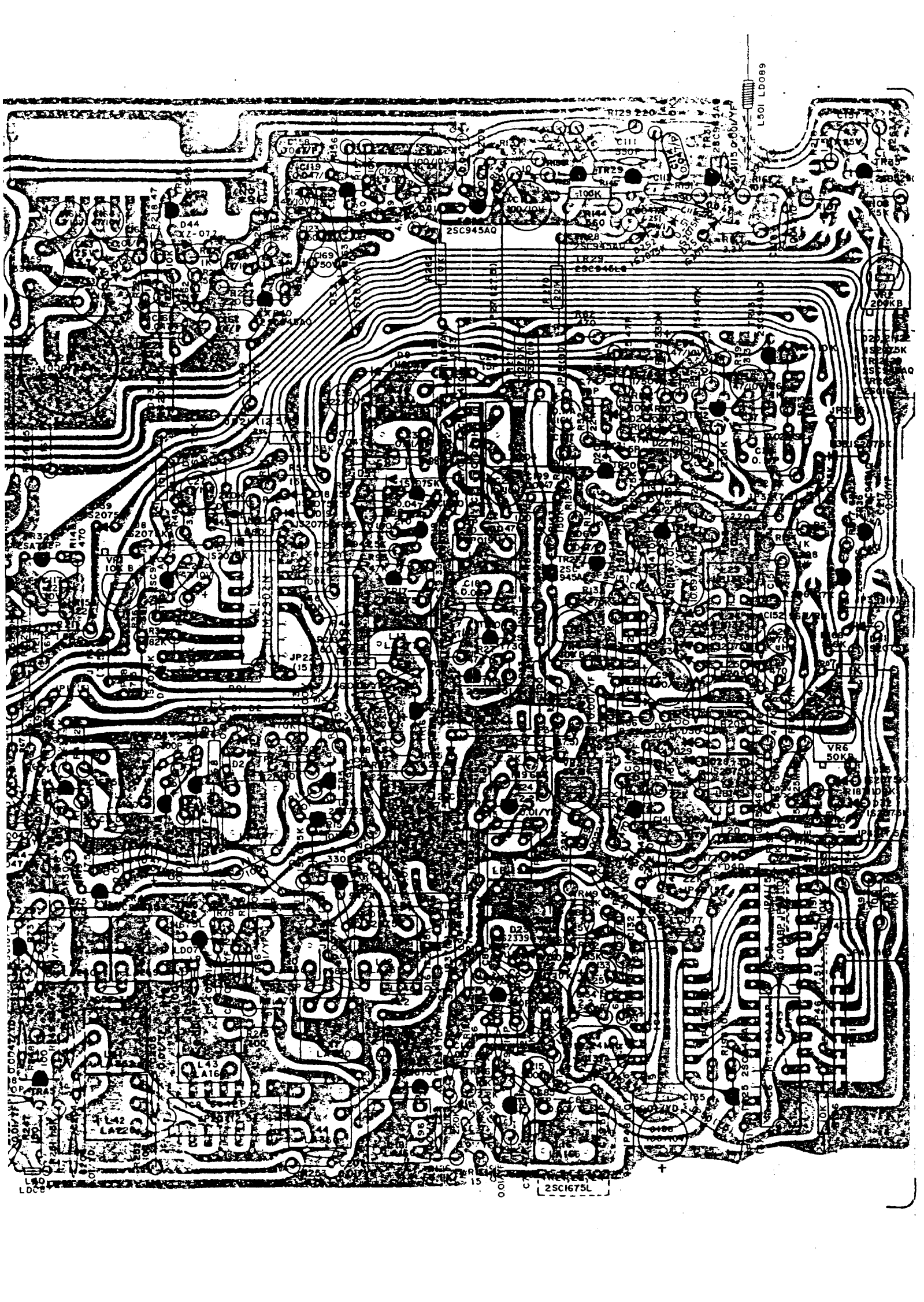

18
GND
17
VDD
16
15
14
13
12
11
10
P0
P1
P2
P3
P4
P5
P6
PROGRAMMABLE DIVIDER
AMP
CHARGE PUMP
PHASE DETECTOR
Fp
Fr
DIVIDER 1/1024
VDD
1
2
3
4
5
6
7
8
9

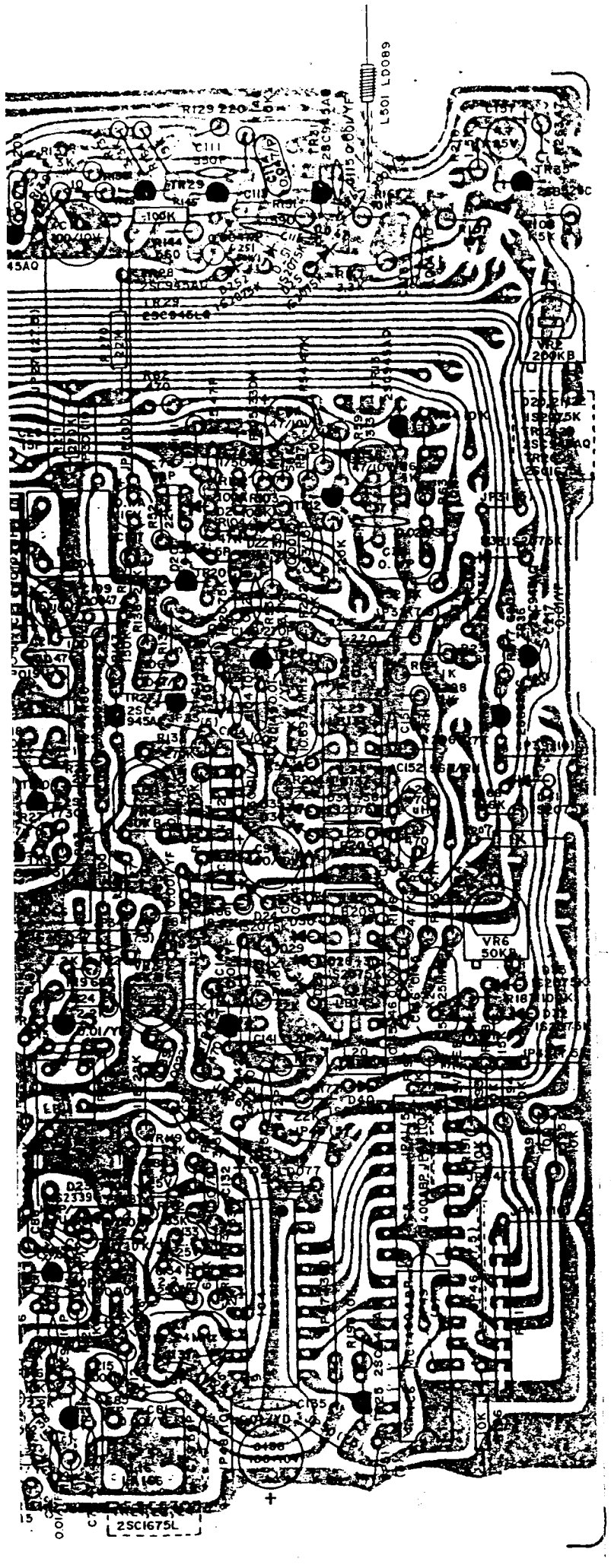

1
9
18
10


16
VDD
8
VSS
15
B4
1
A4
2
B3
3
A3
4
B2
5
A2
6
B1
7
A1
9
Cin
HIGH SPEED
PARALLEL CARRY
ADDER
4
ADDER
3
ADDER
2
ADDER
1
C4
C3
C2
14
Cout
13
S4
12
S3
11
S2
10
S1

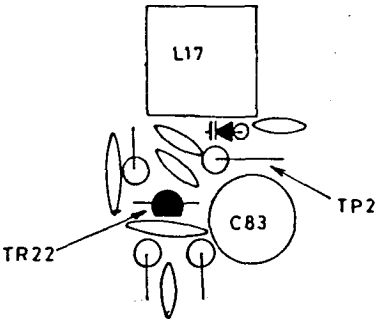

16 15 14 13 12 11 10 9
TOP VIEW
1 2 3 4 5 6 7 8


R241
15mm
PA SP
R243
330
TR44
2SC2060
TR45
2SC1740
L40
LD08
L42
LA22
L43
LA16
330


L501 LD089
2SC945AQ
2SC945LQ
VR2 200KB
VR6 50KB
2SC1675L

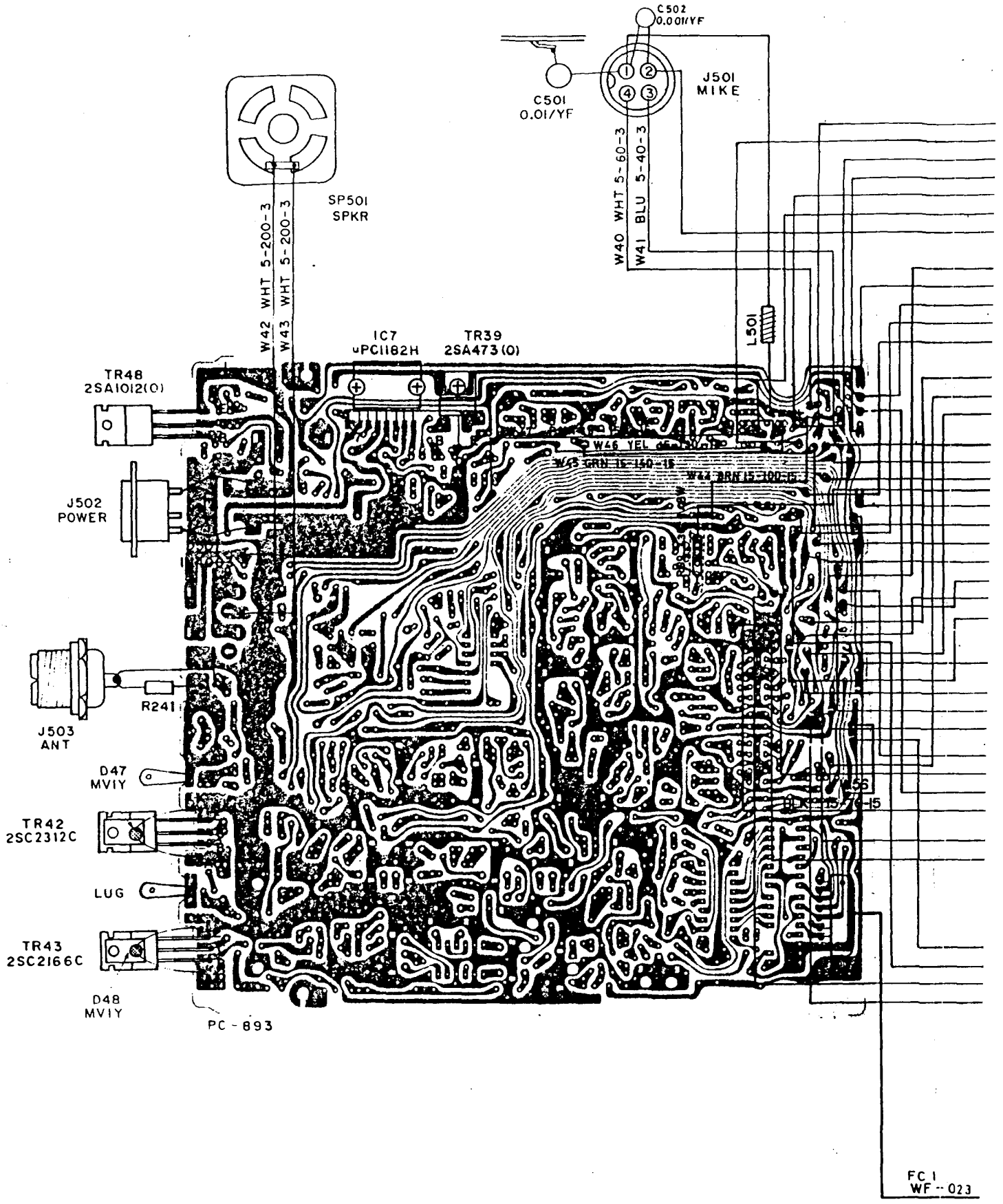


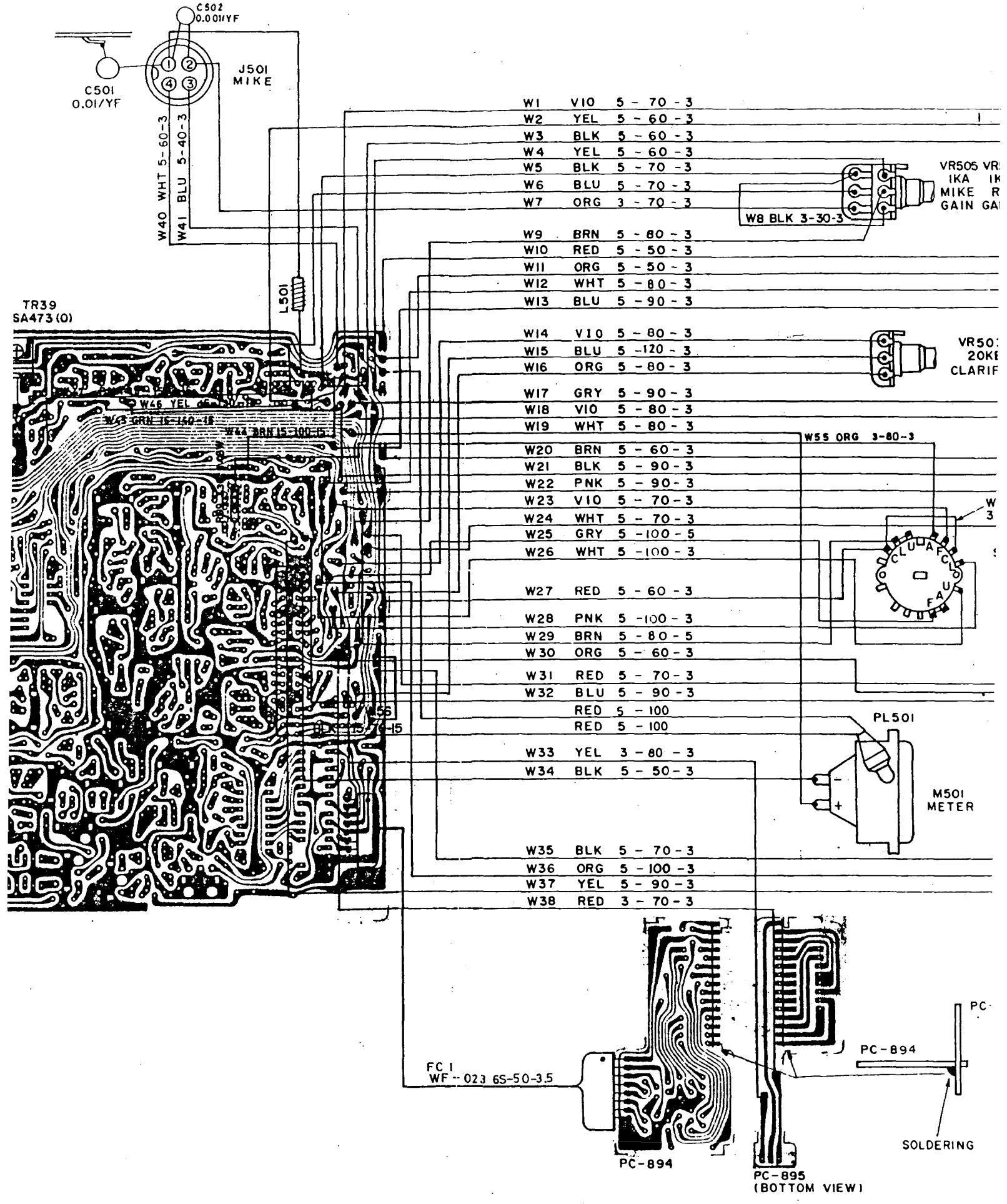
注)
1. 指示なき抵抗は全て 1/8 W デアル.
2. 指示なき セラミックコンデンサノ温度特性ハ
   1000 PF 以下ハ SL.
   1000 PF 以上ハ ZF } デアル.
3. 下記の部分をパラフィンロックすること.

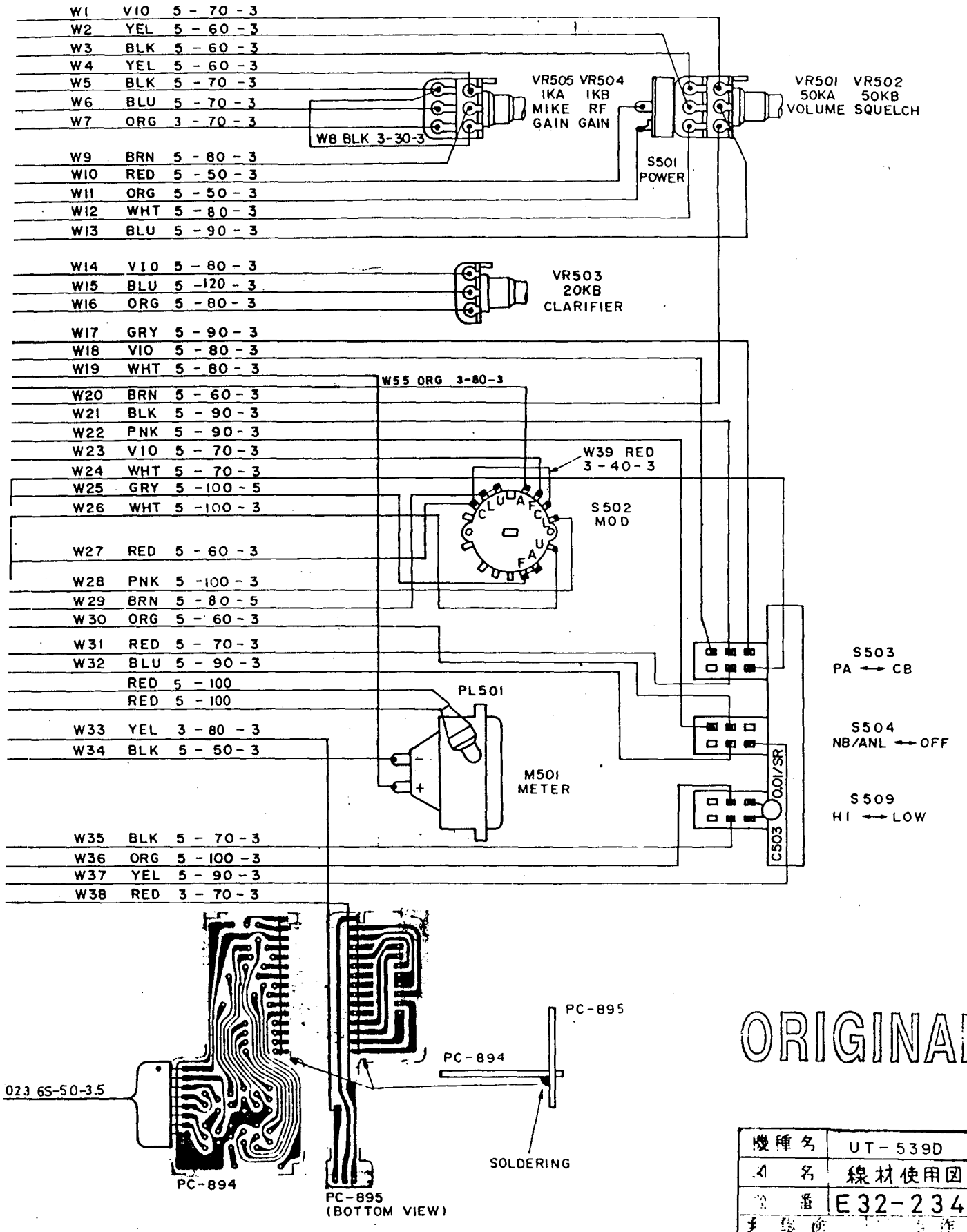


ORIGINAL

機種名	UT-539D 1/2
名	MAIN基板部品取付図
番	E22-5287
製図担当	
	59.3.23


C502
0.001/YF
C501
0.01/YF
J501
MIKE
SP501
SPKR
W40 WHT 5-60-3
W41 BLU 5-40-3
W42 WHT 5-200-3
W43 WHT 5-200-3
L501
IC7
μPC1182H
TR39
2SA473(O)
TR48
2SA1012(O)
W46 YEL
W45 GRN 16-150-16
W44 BRN 15-100-15
J502
POWER
R241
J503
ANT
D47
MV1Y
TR42
2SC2312C
LUG
TR43
2SC2166C
D48
MV1Y
PC-893
FC-1
WF-023


C502
0.001/YF
C501
0.01/YF
J501
MIKE
W40 WHT 5-60-3
W41 BLU 5-40-3
L501
TR39
SA473(O)
W1 VIO 5 - 70 - 3
W2 YEL 5 - 60 - 3
W3 BLK 5 - 60 - 3
W4 YEL 5 - 60 - 3
W5 BLK 5 - 70 - 3
W6 BLU 5 - 70 - 3
W7 ORG 3 - 70 - 3
W8 BLK 3-30-3
VR505
W9 BRN 5 - 80 - 3
W10 RED 5 - 50 - 3
W11 ORG 5 - 50 - 3
W12 WHT 5 - 80 - 3
W13 BLU 5 - 90 - 3
W14 VIO 5 - 80 - 3
W15 BLU 5 -120 - 3
W16 ORG 5 - 80 - 3
W17 GRY 5 - 90 - 3
W18 VIO 5 - 80 - 3
W19 WHT 5 - 80 - 3
W55 ORG 3-80-3
W20 BRN 5 - 60 - 3
W21 BLK 5 - 90 - 3
W22 PNK 5 - 90 - 3
W23 VIO 5 - 70 - 3
W24 WHT 5 - 70 - 3
W25 GRY 5 -100 - 5
W26 WHT 5 -100 - 3
W27 RED 5 - 60 - 3
W28 PNK 5 -100 - 3
W29 BRN 5 - 80 - 5
W30 ORG 5 - 60 - 3
W31 RED 5 - 70 - 3
W32 BLU 5 - 90 - 3
RED 5 - 100
RED 5 - 100
W33 YEL 3 - 80 - 3
W34 BLK 5 - 50 - 3
PL501
M501
METER
W35 BLK 5 - 70 - 3
W36 ORG 5 - 100 - 3
W37 YEL 5 - 90 - 3
W38 RED 3 - 70 - 3
FC 1
WF--023 6S-50-3.5
PC-894
PC-895
(BOTTOM VIEW)
PC-894
SOLDERING



ORIGINAL

機種名	UT-539D
名	線材使用図
番	E32-2346
	作成
	IMAI
	69.3.23 S55.4.23

LISTE PIECES DETACHEES JACK

CODE	D E S I G N A T I O N	QTE/MOD.
BC002	BOBINE LD-077	2
BC003	BOBINE LD-087	5
BC004	BOBINE LE-096	2
BC005	BOBINE LE-151	1
BC007	BOBINE LE-187	1
BC009	SELF LZ-016 100UH	1
BC010	SELF LZ-016 470UH	2
BC013	BOBINE LD-033	1
BC014	BOBINE LD-089	1
BC017	BOBINE LC-072	1
BR002	BOBINE LA-120	1
BR003	BOBINE LA-165	1
BR004	BOBINE LA-166	3
BR005	BOBINE LA-220	1
BR007	BOBINE LA-259	1
BR008	BOBINE LA-260	1
BR010	BOBINE LA-350	3
BR011	BOBINE LA-351	2
BR012	BOBINE LA-352	1
BR014	BOBINE LB-119	1
BR015	BOBINE LB-137	2
BR016	BOBINE LB-209	2
BR047	BOBINE LB-276	1
BR048	BOBINE LB-277	2
BR050	BOBINE LB-279	1
BR055	BOBINE LA-204	1

LISTE PIECES DETACHEES JACK

CODE	D E S I G N A T I O N	QTE/MOD
BR092	BOBINE LB-143	1
BR093	BOBINE LB-144	1
DC001	DIODE 1N60 AM	5
DC004	DIODE XZ-072	1
DC005	DIODE 1S2075K	2
DC007	DIODE MC-301	3
DC008	DIODE 1N4003	1
DC009	DIODE MV-1YH	2
DV001	DIODE VARI-CAP 1S2688EB	1
DV002	DIODE 1S2339G	2
DV003	DIODE KB-262	1
HM001	MICROPHONE MK-221	1
HP002	HAUT-PARLEUR SP-057	1
IL001	CICUIT INTEGRE MC14008BCP	2
IP001	CIRCUIT INTEGRE UPC1182H	1
IR001	CIRCUIT INTEGRE AN612	1
IR002	CIRCUIT INTEGRE SO42P	1
IR005	CIRCUIT INTEGRE NJM2902N	1
IR010	CIRCUIT INTEGRE UPC1028HA	1
IS001	CIRCUIT INTEGRE MB8719	1
JX001	JACK JK-089	2
JX002	JACK JK-052	1
JX003	JACK JK-068	1
JX005	JACK JK-087	1
OA001	AFFICHEUR UR-202D	1
PF001	FILTRE FL-048 SFE10.7MS2-M	1

CODE	D E S I G N A T I O N	QTE/MOD.
PF002	FILTRE FL-066	1
PF003	FILTRE G. FL-096	1
PQ001	QUARTZ 10.240	1
PQ002	QUARTZ 10.6975	1
PQ022	QUARTZ 15,4825	1
RV001	POTENTIOMETRE RV-222 20KB	1
RV004	POTENTIOMETRE RV-485 1KB.1KA	1
RV007	POTENTIOMETRE RV-329 50KB.50KA	1
SS001	COMMUTATEUR SR-208	1
SX002	COMMUTATEUR SR-187	1
SX037	COMMUTATEUR SW-178	1
TB001	TRANSISTOR 2SA473-O	1
TB003	TRANSISTOR 2SA1012-O	2
TH001	TRANSISTOR 2SC2166-C	1
TH002	TRANSISTOR 2SC2312-C	1
TX001	TRANSISTOR 2SA733-P	2
TX002	TRANSISTOR 2SC945A-Q	20
TX003	TRANSISTOR 2SC1674-L	3
TX004	TRANSISTOR 2SC1675-L	12
TX005	TRANSISTOR 2SC1730-L	4
TX006	TRANSISTOR 2SB525-C	3
TX010	TRANSISTOR 2SC2086-D	1
TX062	TRANSISTOR 2SC945L-Q	1
VM008	VU METRE MT-206	1
XX027	MANUEL DE MAINTENANCE JACK	1
XX100	MANUEL SCHEMAS UNIDEN - STABO	1

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Pièces détachées Spécifiques à chaque Appareil

EMETTEUR/RECEPTEUR	P.A. amplificateur de puissance.	P.L.L. boucle à verrouillage de phase	B.F. Basses Fréquences
JIMMY	2SC 2166	SM 5124	TDA 1905
JOHNNY	2SC 2166	SM 5124	TDA 1905
HARRY	2SC 2166	SM 5124	TDA 1905
TAYLOR	2SC 2029	TC 9106/SM 5126C	MB 3712
FRANCOIS	2SC 2029	TC 9109/SM 5126A	MB 3712
VALERY	2SC 2029	TC 9106/SM 5126C	MB 3712
WILSON	2SC 2166	SM 5124	UPC 1242
HERBERT	2SC 2166	TC 9106	UPC 1242
SS-120	2SC 1944	UPD 2816	TA 7222
JACK	2SC 2312	MB 8719	* UPC 1242
GRANT	2SC 2312	MB 8719	* UPC 1242
J.F.K.	2SC 1944	UPD 2816	MB 3712
SS-360	2SC 2312	MC 145106	TA 7222
JACKSON	MRF 477	MC 145106	* UPC 1242
LINCOLN	MRF 477	PLL 0305	TDA 1905
BENJAMIN	2SC 2312	D 2824	UPC 1242
WILLIAM	2SC 2166	SM 5125	TDA 2822
MC 6700	2SC 1946	MB 8789	TA 7066 (combir MB 3713 (H.F.)

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* Ces appareils utilisaient sur les anciens modèles en B F : UPC 1182

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PIECES DETACHEES COMMUNES A PLUSIEURS APPAREILS

Ref. CIRCUIT BF	EMETTEUR/RECEPT .
MB 3712	TAYLOR FRANCOIS VALERY J.F.K (2)
TDA 1905	HARRY-JIMMY PC-33 LINCOLN JOHNNY
UPC 1242	GRANT JACKSON JACK HERBERT BENJAMIN
TDA 2822	WILLIAM
TA 7222	SS-120 / ROBERT SS-360 / RICHARD RONALD FRANKLIN
TA 7066	MC-6700 (combiné)
MB 3713	MC-6700 (H.P.)
UPC 1182	JACK ancien GRANT modèle JACKSON
AFFICHEUR	
UR 202	VALERY SS-120 JFK SS-360 GRANT JACKSON JACK

Ref. P.A	EMETTEUR/RECEPTEUR
2SC 2166	JOHNNY HERBERT WILSON HARRY WILLIAM JIMMY PC-33X
2SC 2029	TAYLOR FRANCOIS VALERY PC 33 /43
2SC 1944	SS-120 J.F.K
2SC 2312	SS-360 GRANT JACK RONALD FRANKLIN BENJAMIN
MRF 477	JACKSON LINCOLN
MANUELS MAINTENANCE	→ TOUS MODELES
LAMPES VU-METRE	→ TOUS MODELES

VU- METRE
COMMUTATEUR
POTENTIOMETRE
QUARTZ

Spécifique à chaque appareil

CONTACTER NOTRE S.A.V. concernant nos Conditions. Disponibilité et Tarif.

PIECES DETACHEES COMMUNES A PLUSIEURS APPAREILS

Ref. P L L	EMETTEUR/RECEPT
SM 5124	HARRY - JIMMY JOHNNY WILSON
TC 9106	TAYLOR PC-33/43/44 HERBERT
TC 9109	FRANCOIS VALERY
UPD 2816	SS-120/ROBERT JFK
MB 8719	GRANT JACK
MC 145106	SS-360/RICHARD JACKSON RONALD FRANKLIN
PLL 0305	LINCOLN
D 2824	BENJAMIN
MB 8789	MC 6700
SM 5125	WILLIAM

Ref.HAUT-PARLEUR	EMETTEUR/RECEPT.
SP 057/SP 227	VALERY TAYLOR FRANCOIS JACK PC 33X /43
SP 053	SS-360 GRANT JACKSON
SP 052	JFK SS-120
SP 154/SP 169	HARRY JIMMY JOHNNY WILSON
SP 149	HERBERT

CONTACTER NOTRE S.A.V. concernant nos Conditions, Disponibilité et Tarif

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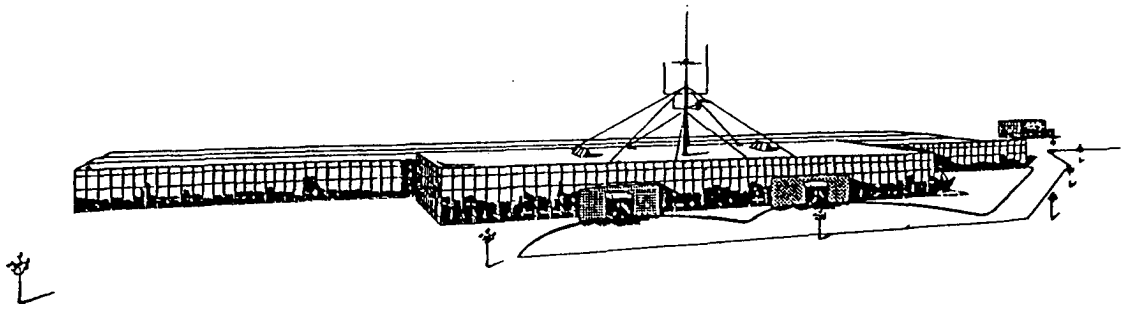

SIEGE SOCIAL - FRANCE
Route de SETE - BP 100
34540 BALARUC - Tél : 67.46.27.27
Télex : 490534F - Fax : 67.48.48.49

SUCCURSALE "ILE DE FRANCE"
50/56, rue du Pré des Aulnes
Parc d'activités des Arpents
77340 PONTAULT-COMBAULT
Tél : (1) 60.29.28.27 - Fax : (1) 60.28.44.00

N°1 CB PRESIDENT

VENTE EXCLUSIVE AUX DISTRIBUTEURS - 2 SUCCURSALES A VOTRE SERVICE

S.A. CAPITAL 20.000.000 F.F. - SIREN SETE 315 230 490