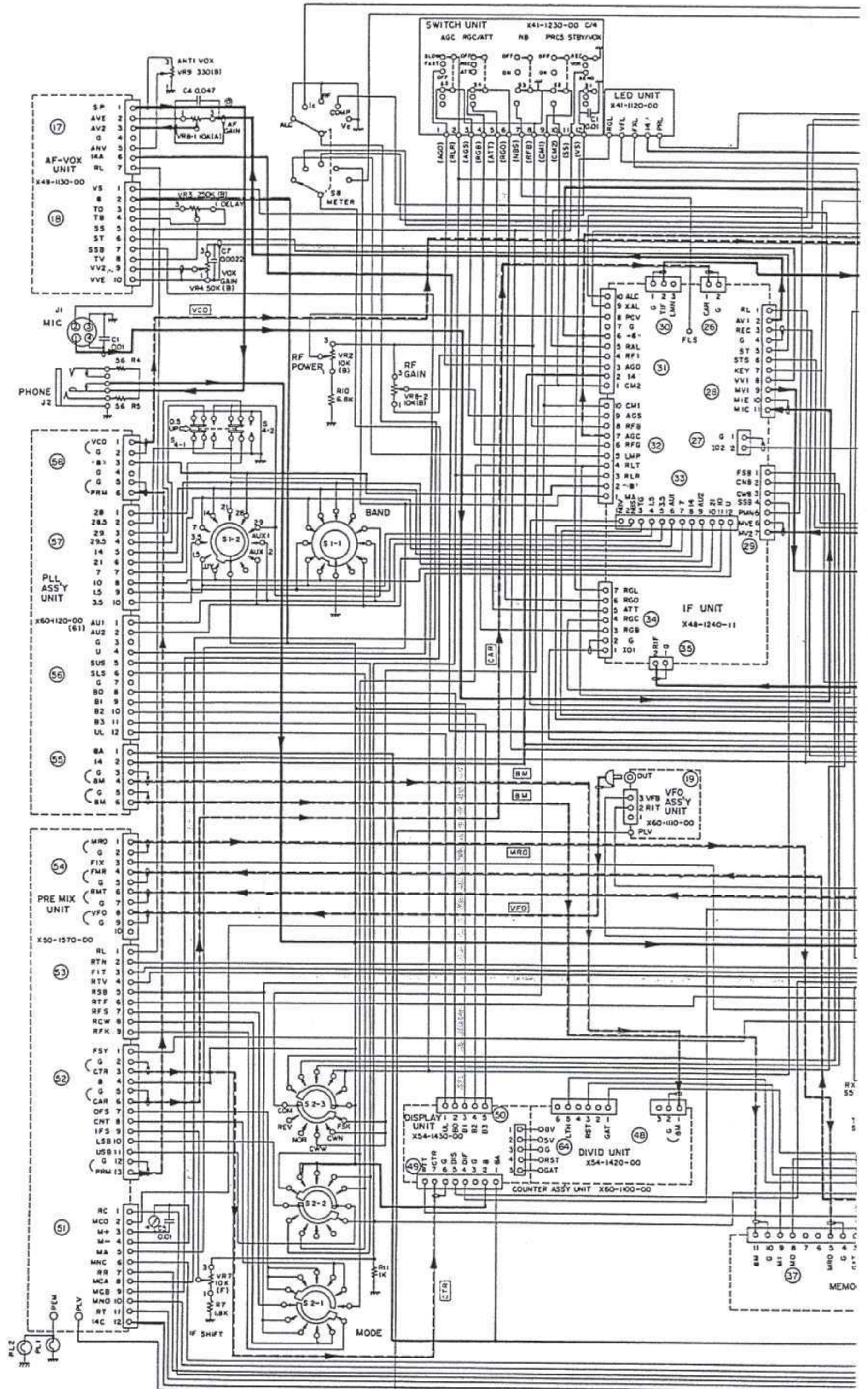
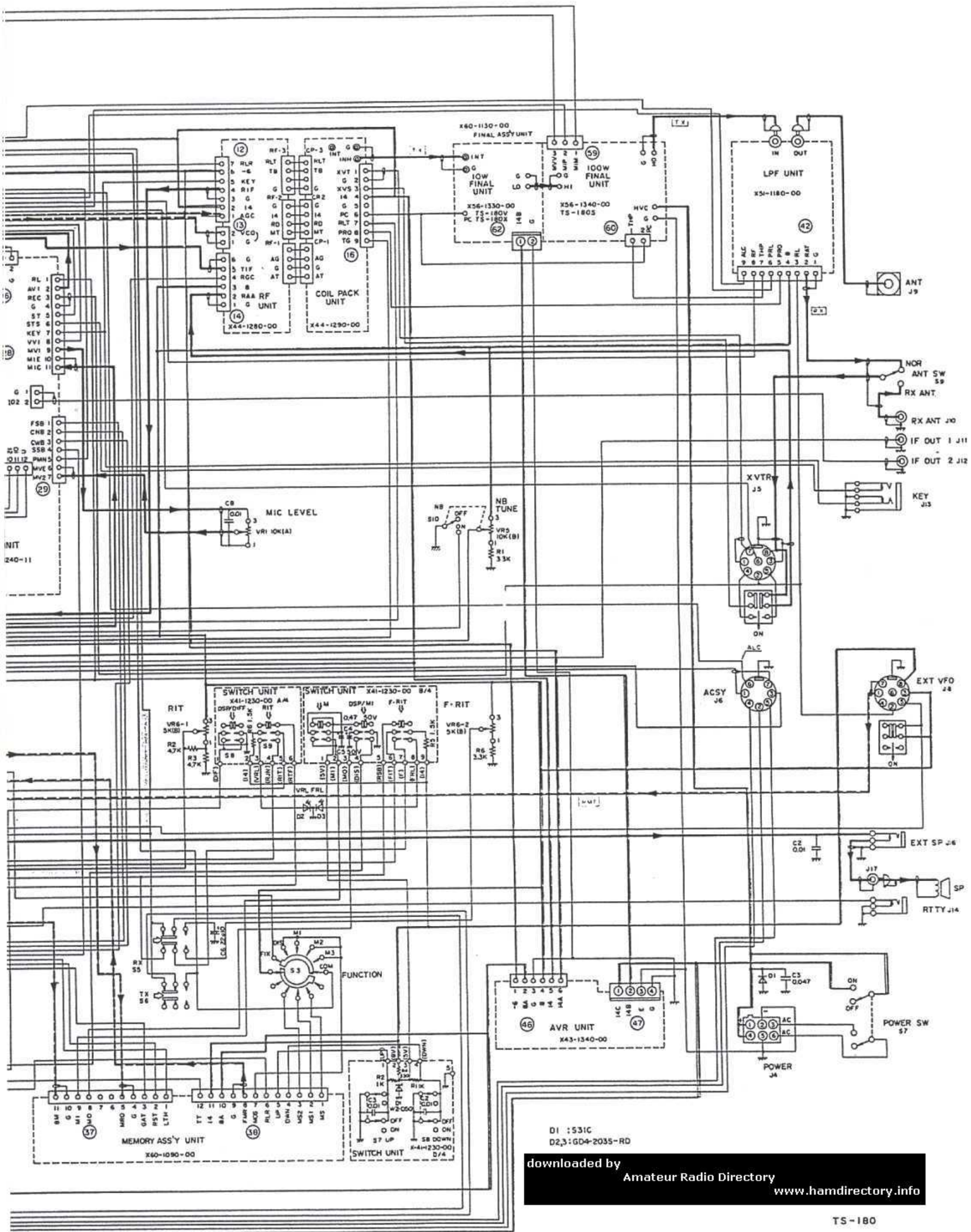


# Block 1



# Block 2

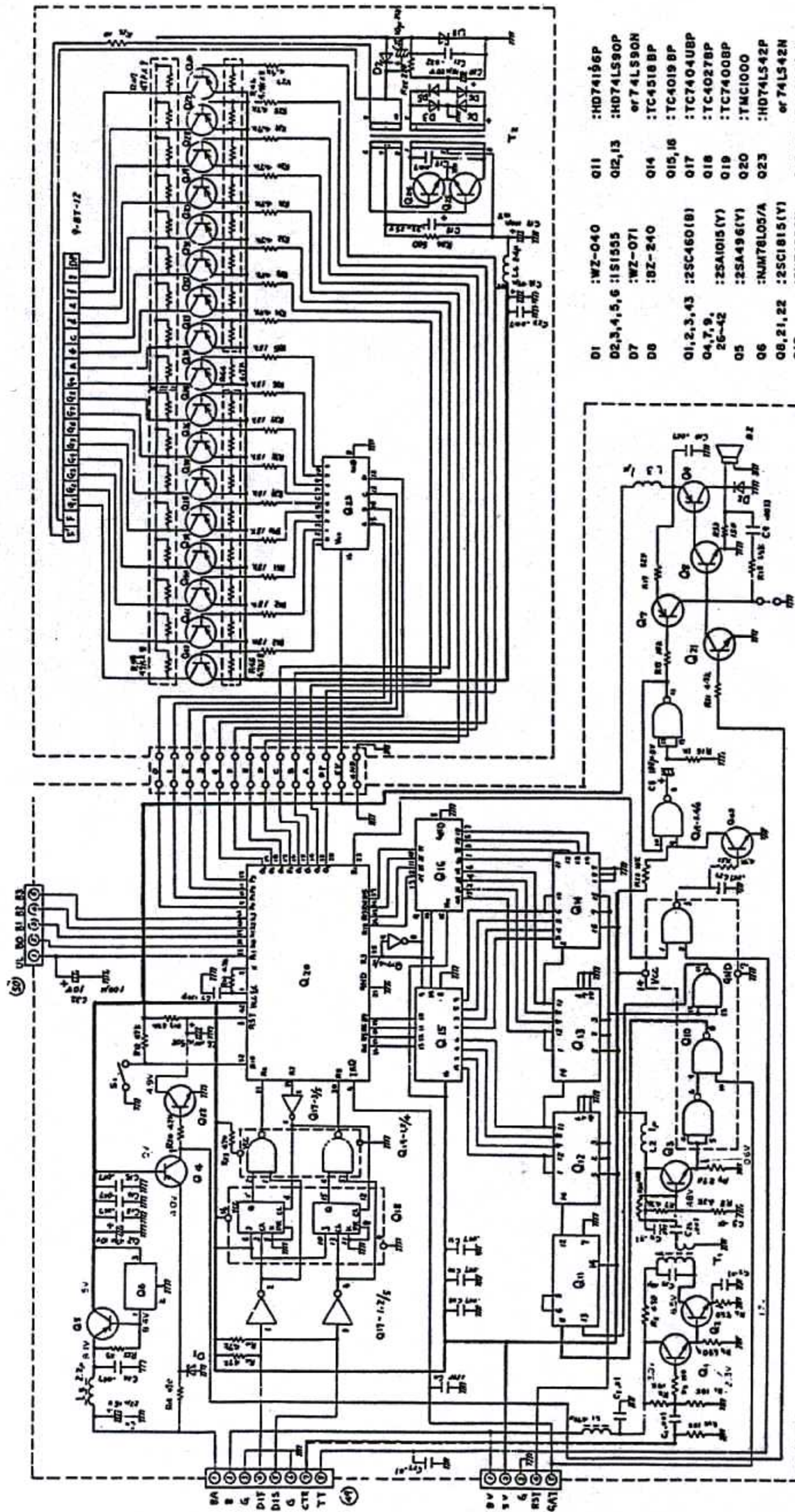


D1 : 531C  
D2,3 : GD4-2035-RD

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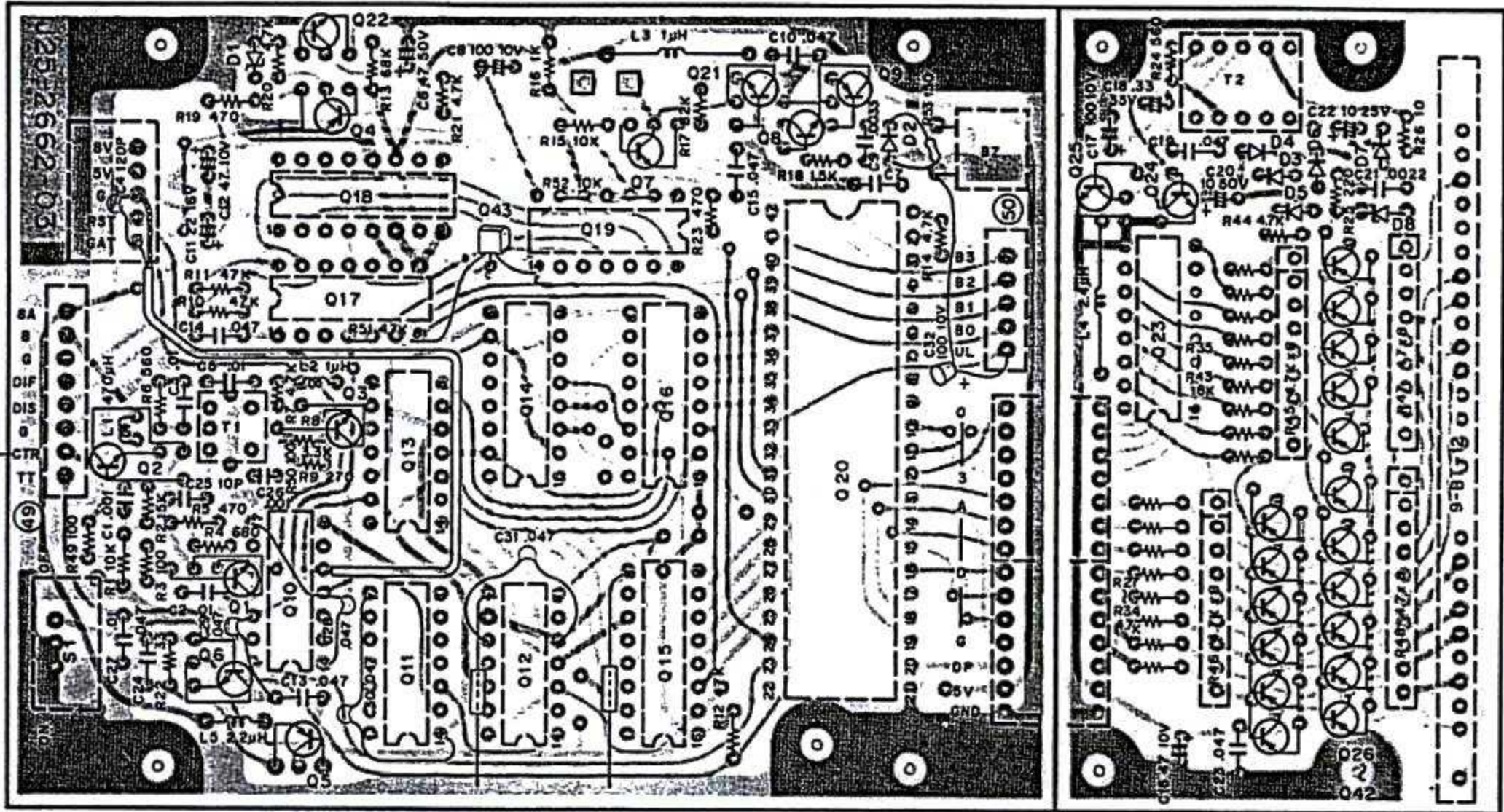
▼ COUNTER ASS'Y UNIT (X60-1100-00)

▼ DISPLAY UNIT (X54-1430-00)



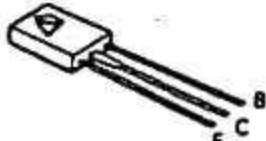
▼ COUNTER ASS'Y UNIT (X60-1100-00)

▼ DISPLAY UNIT (X54-1430-00)



2SC460(B)  
2SC733(Y)

2SA496(Y)



2SC945(Q)

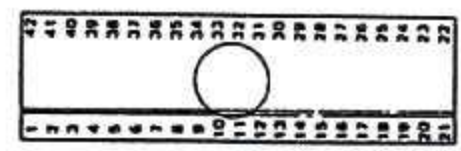
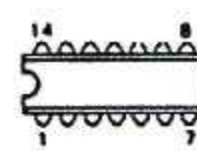
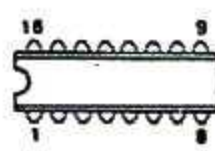
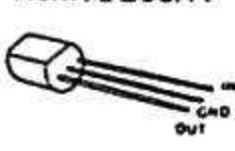
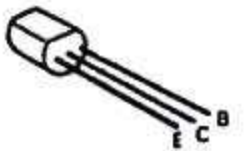
2SC1815(Y)  
2SA1015(Y)

NJM78L05/A

HD74LS42P  
TC40198P  
TC4027BP  
TC4518BP

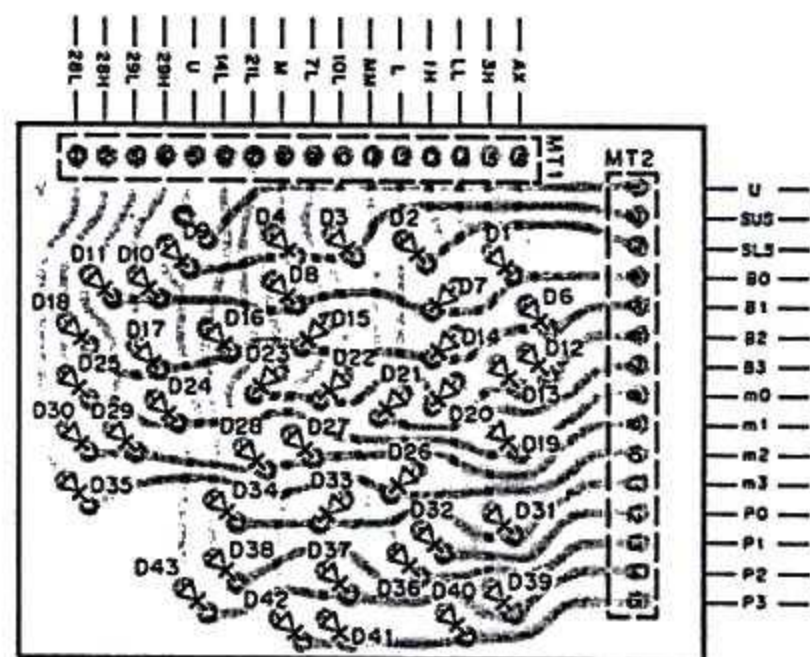
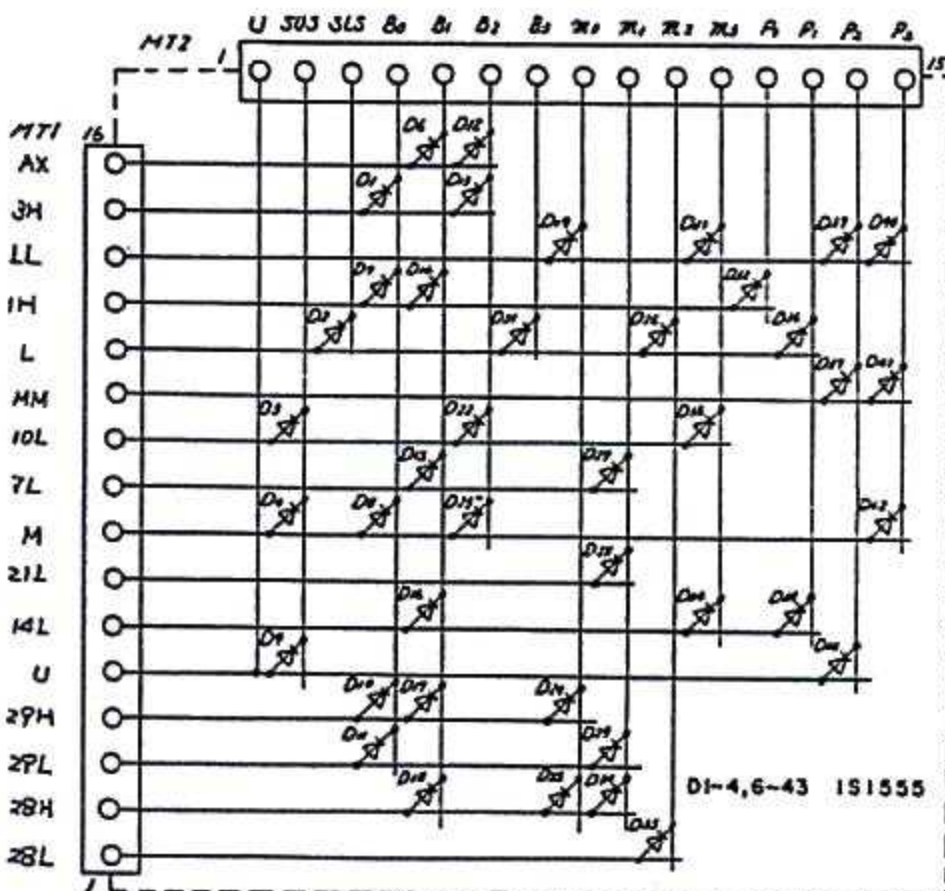
SN74S00N  
HD74196P  
HD74LS90P  
TC7400BP  
TC7404UBP

TMC1000

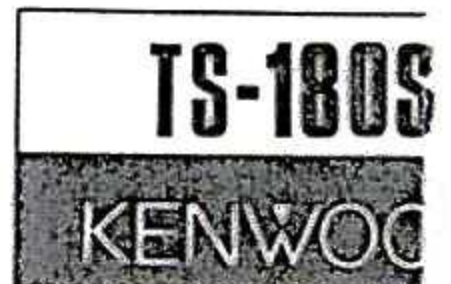


▼ PLL ASS'Y UNIT (X60-1120-00)

▼ MATRIX UNIT (X53-1130-00) PARTS LIST: Page 48

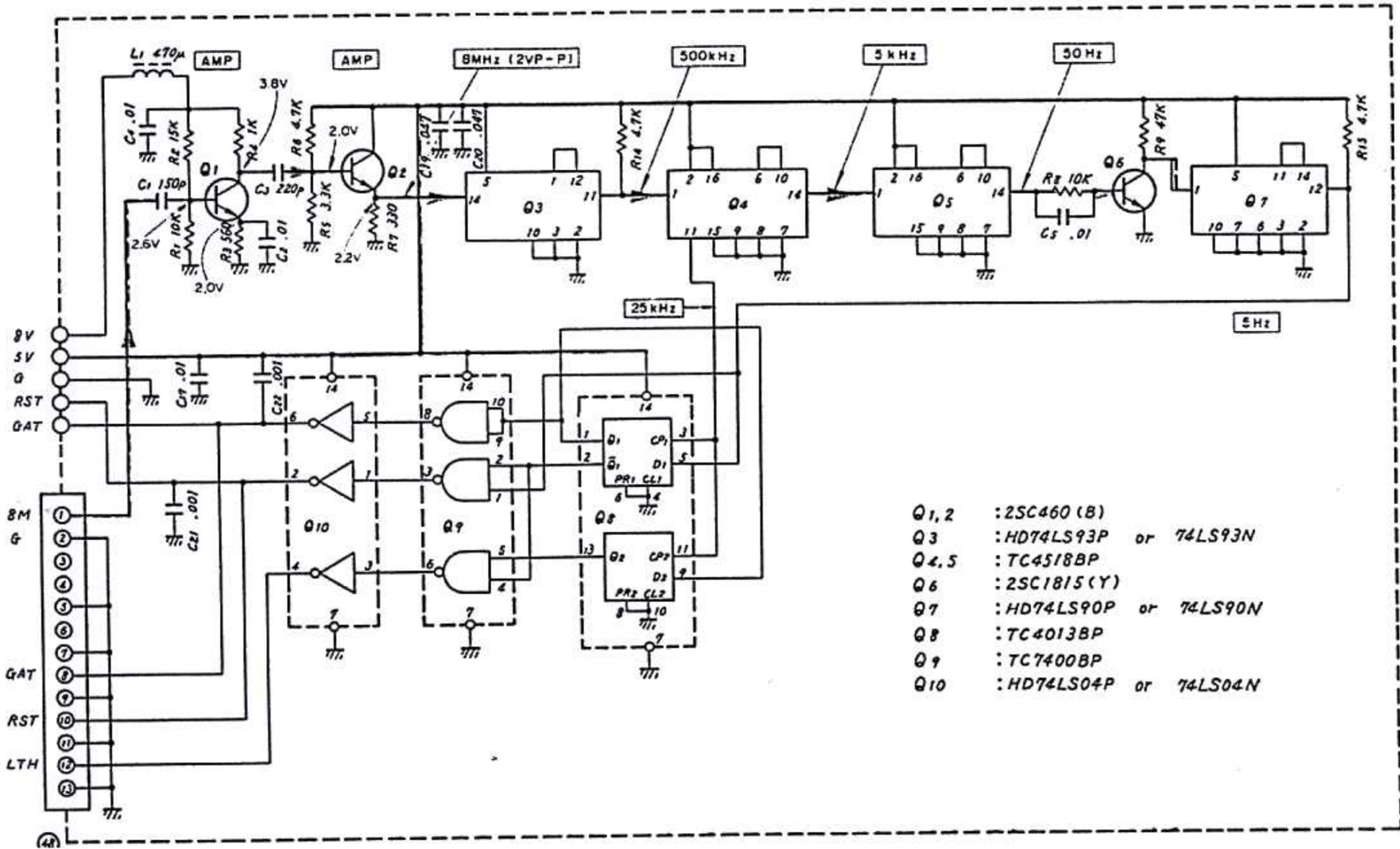


Not used D1, 15, 20 (K) type  
Not used D13, 20 (W)(T)(X) type

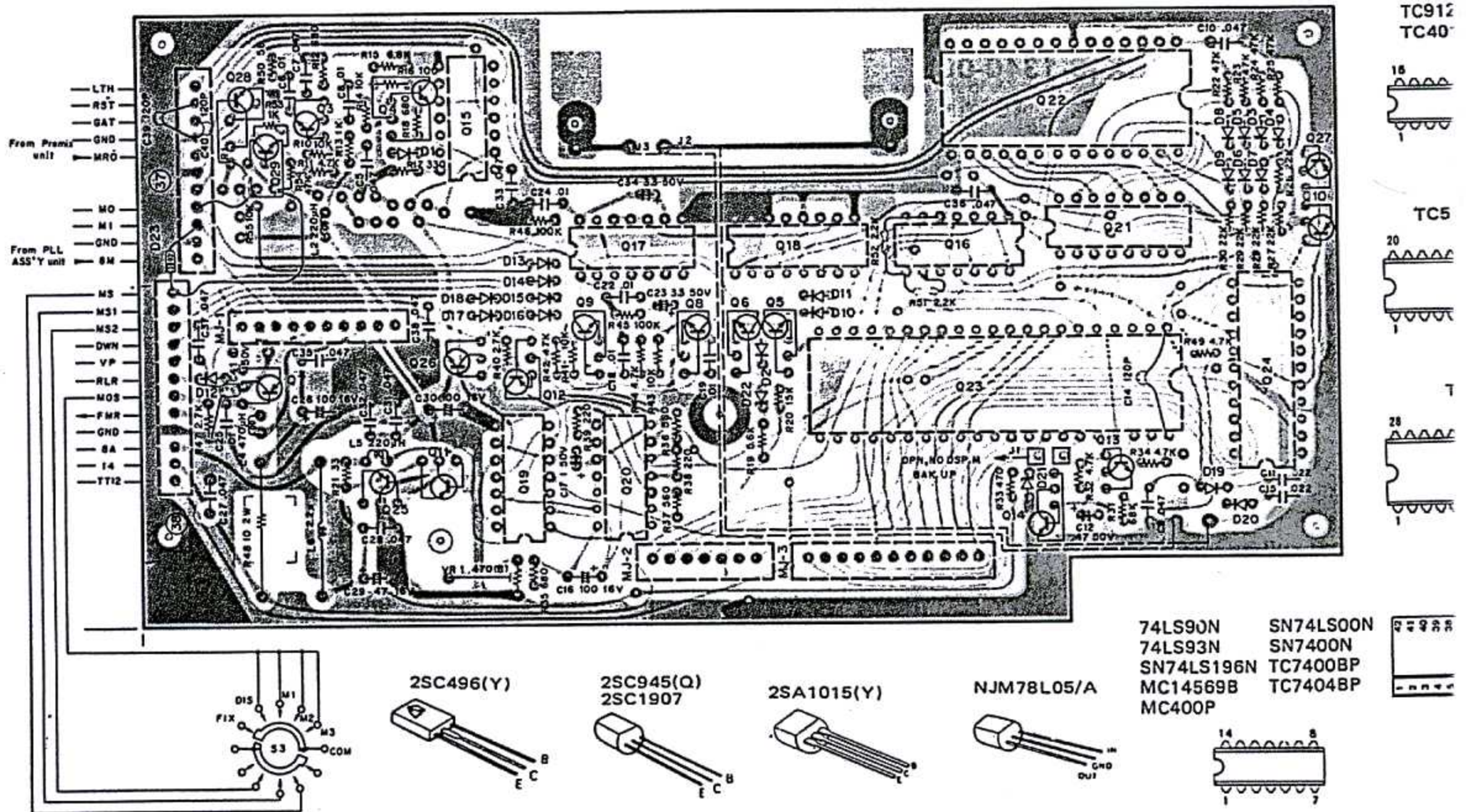


▼ COUNTER ASS'Y UNIT (X60-1100-00)

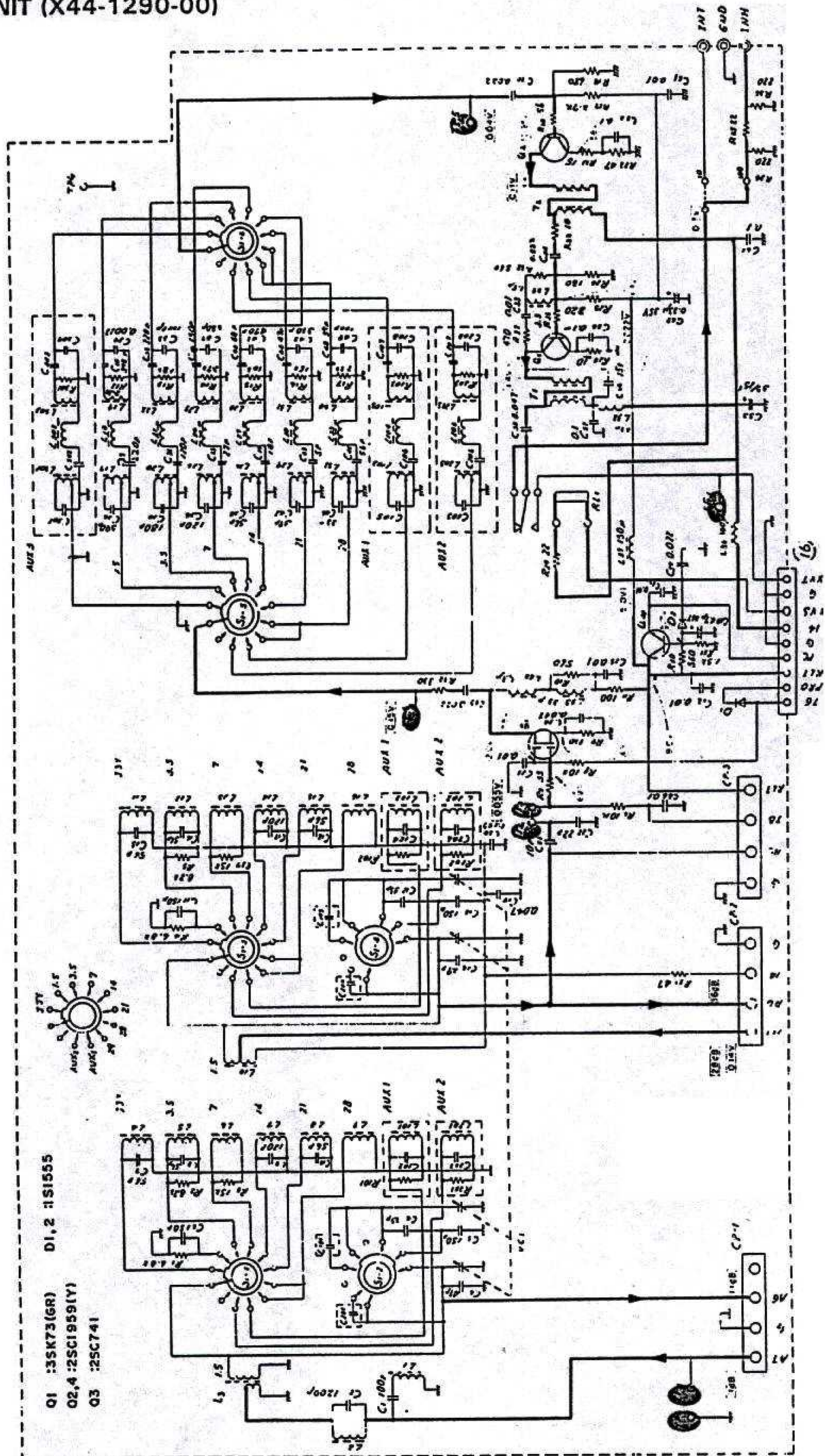
▼ DIVIDE UNIT (X54-1420-00)



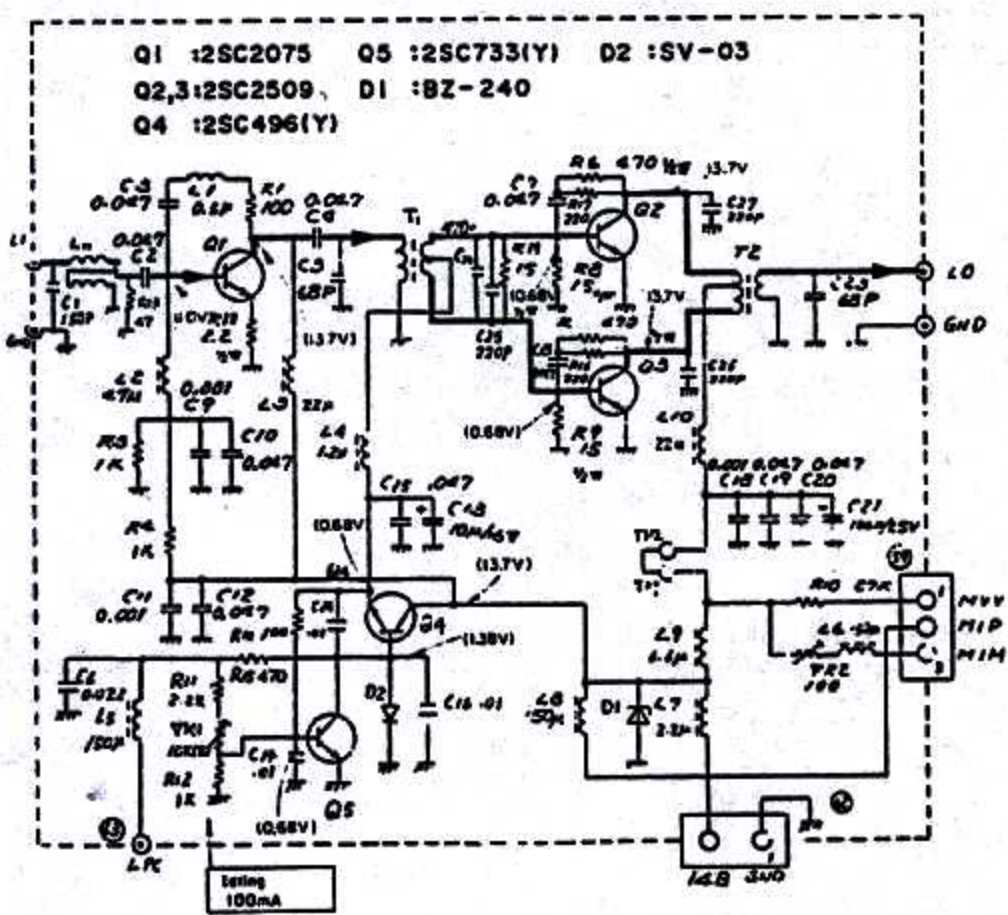
▼ CONTROL UNIT (X53-1100-00)



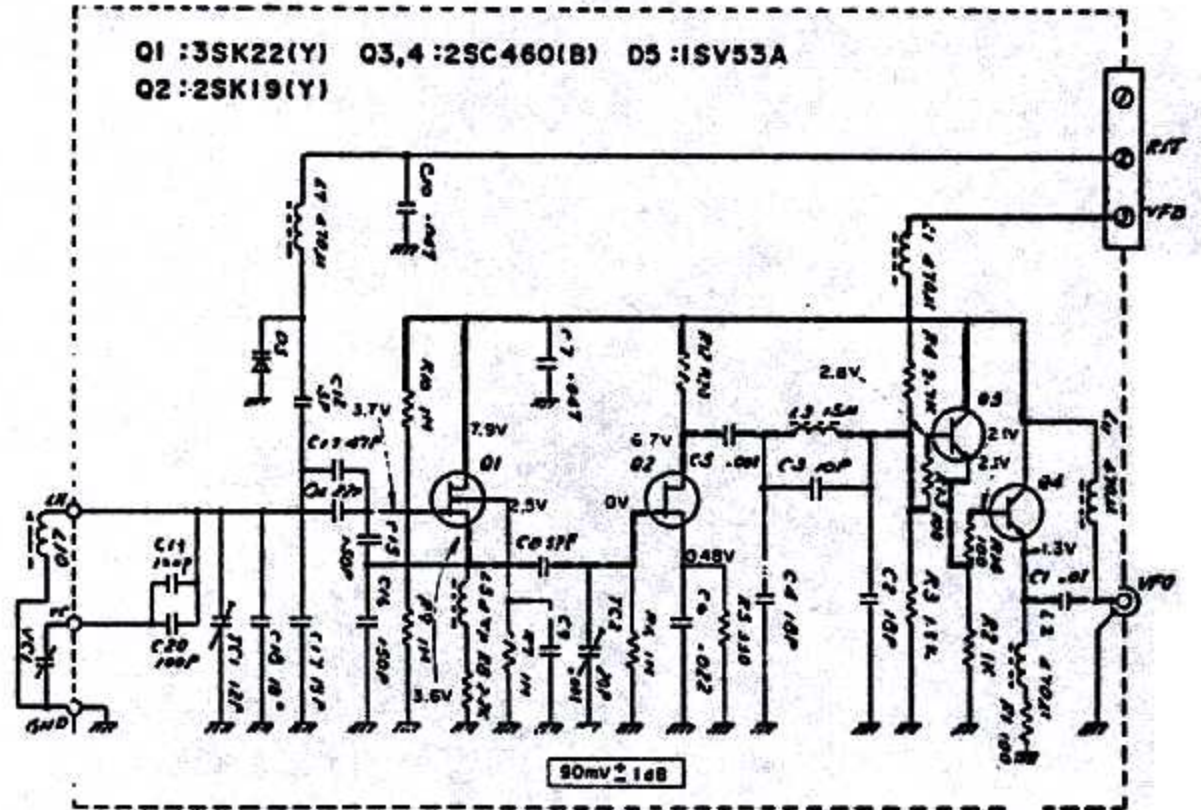
▼ COILPACK UNIT (X44-1290-00)



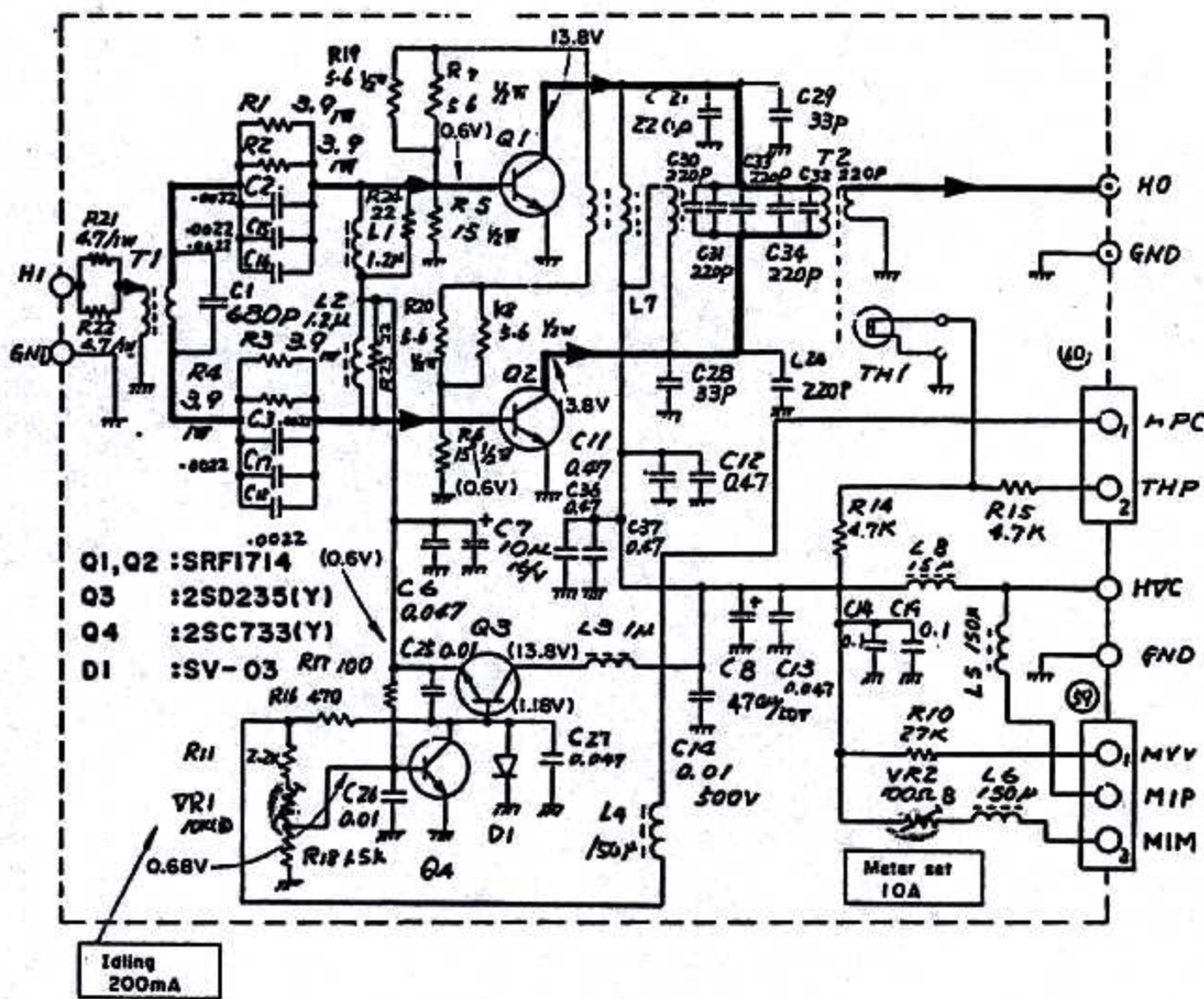
▼ 10 W FINAL UNIT (X56-1330-00)



▼ VFO UNIT (X40-1140-00)

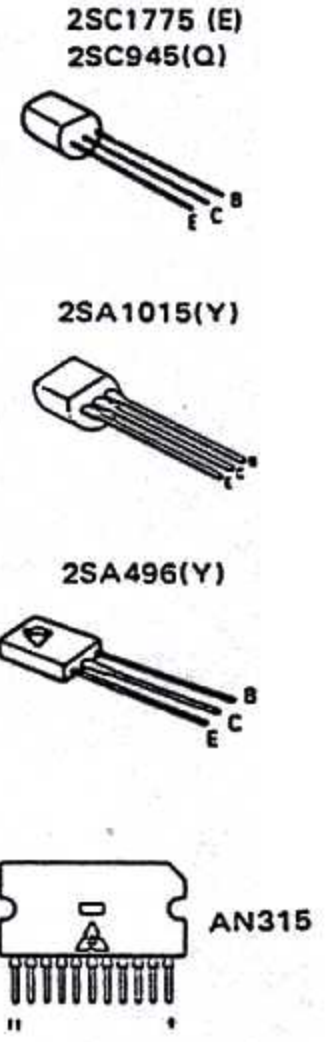
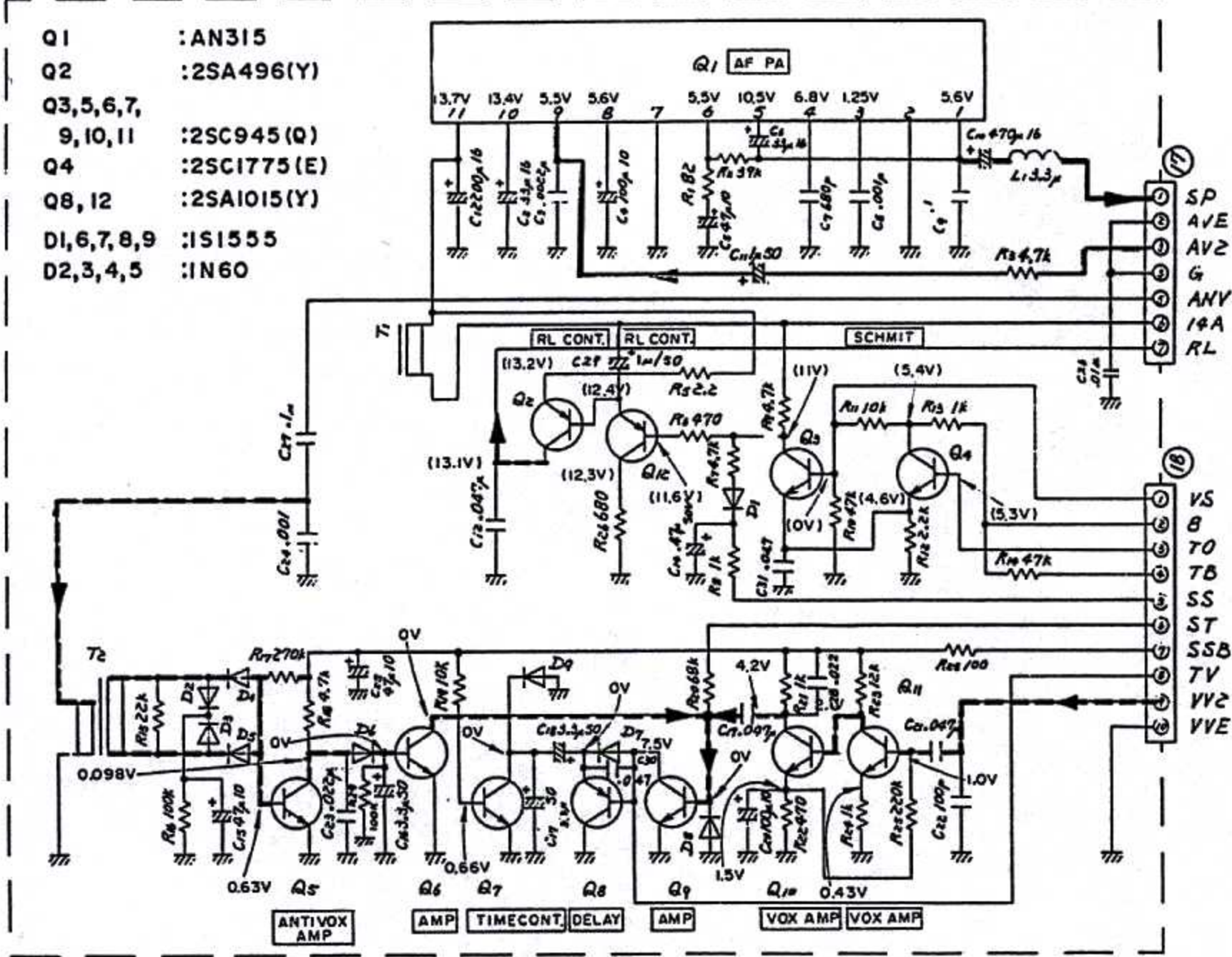


▼ 100 W FINAL UNIT (X56-1340-00)



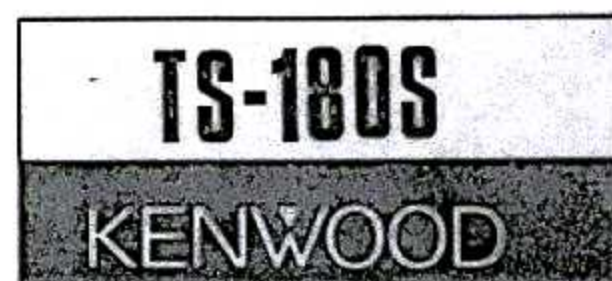
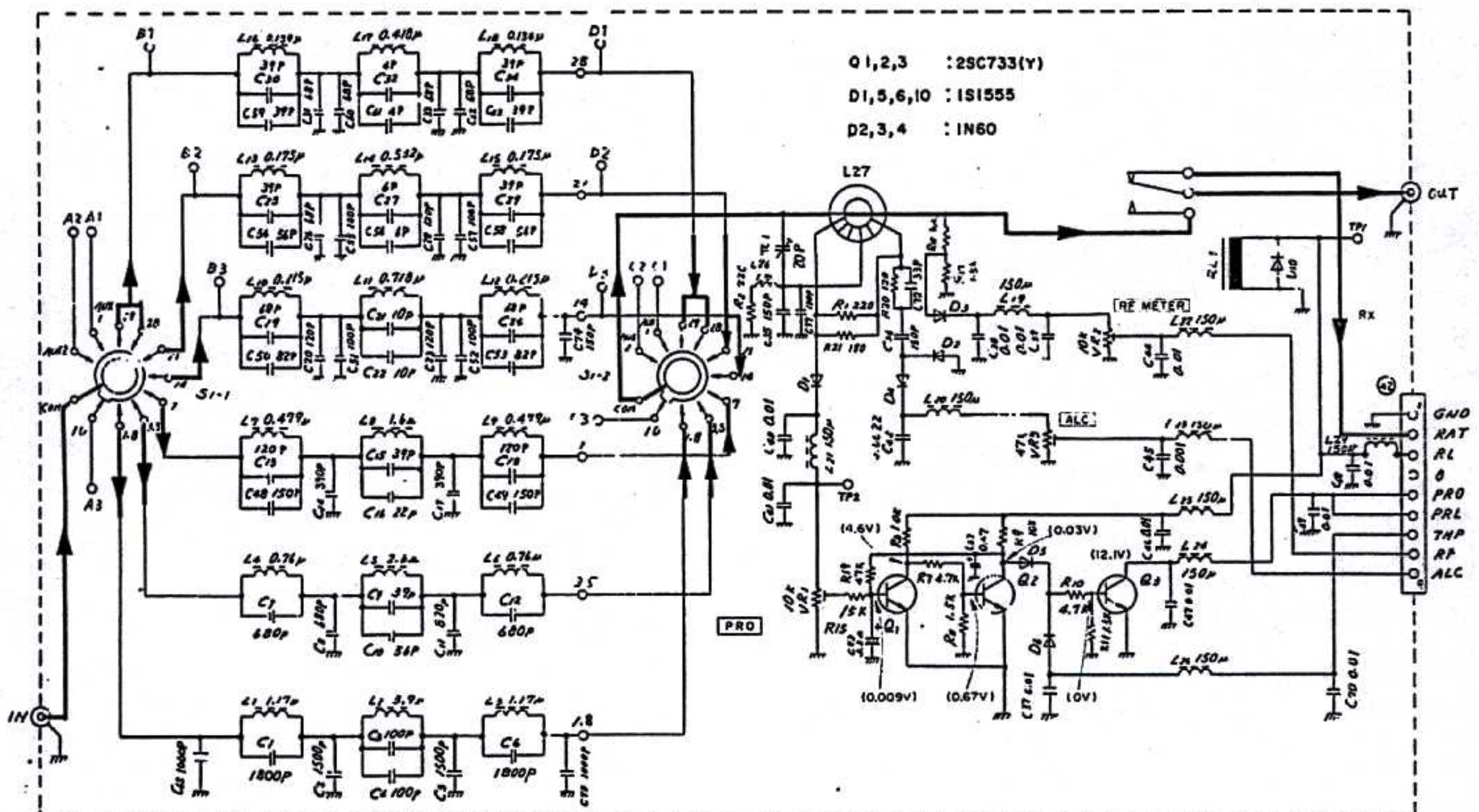
▼ AF VOX UNIT (X49-1130-00)

- Q1 : AN315
- Q2 : 2SA496(Y)
- Q3,5,6,7,9,10,11 : 2SC945(Q)
- Q4 : 2SC1775(E)
- Q8,12 : 2SA1015(Y)
- D1,6,7,8,9 : 1S1555
- D2,3,4,5 : 1N60



▼ LPF UNIT (X51-1180-00)

- Q1,2,3 : 2SC733(Y)
- D1,5,6,10 : 1S1555
- D2,3,4 : 1N60



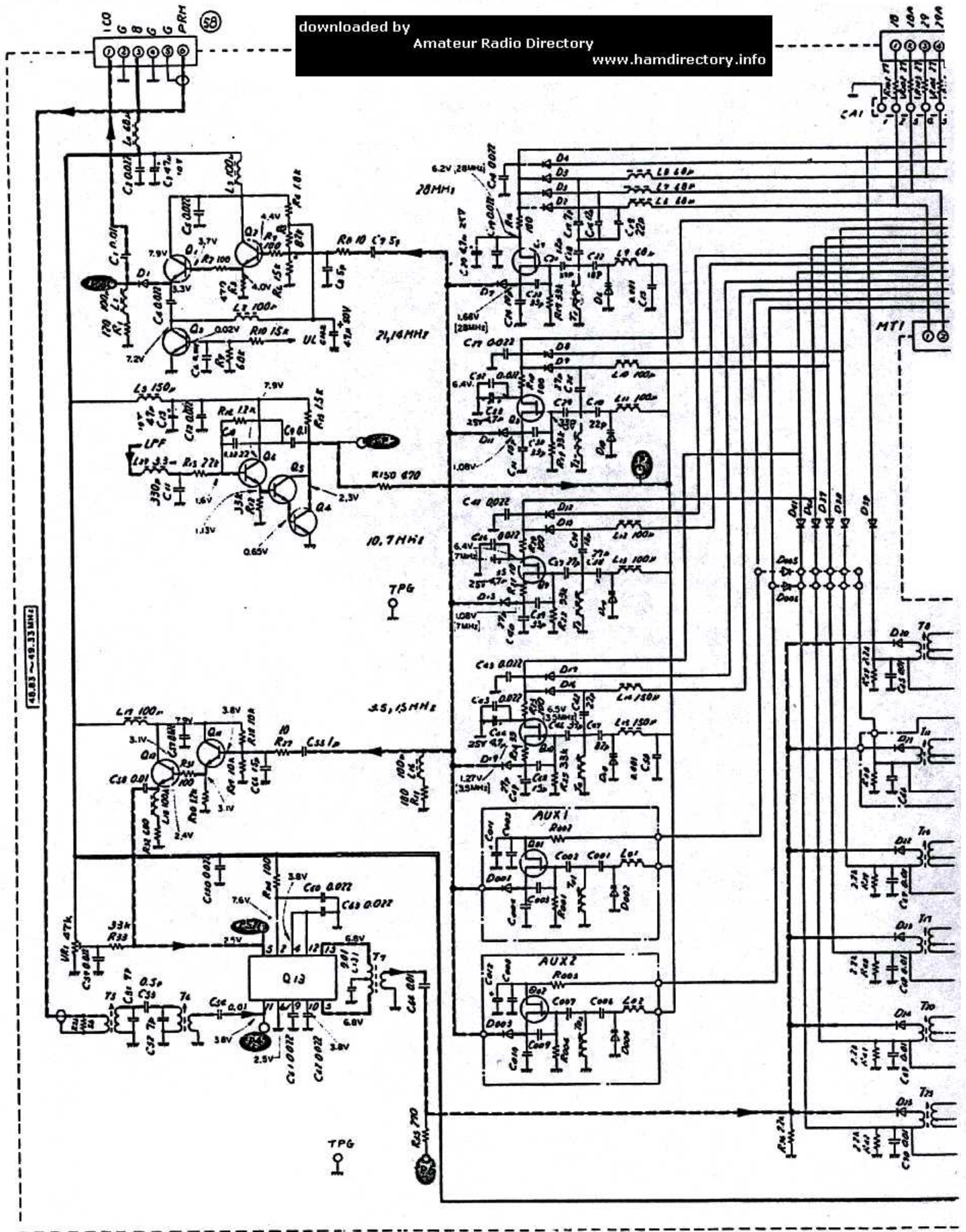


▼ PLL ASS'Y UNIT (X60-1120-00)

▼ PLL UNIT (X50-1560-00)

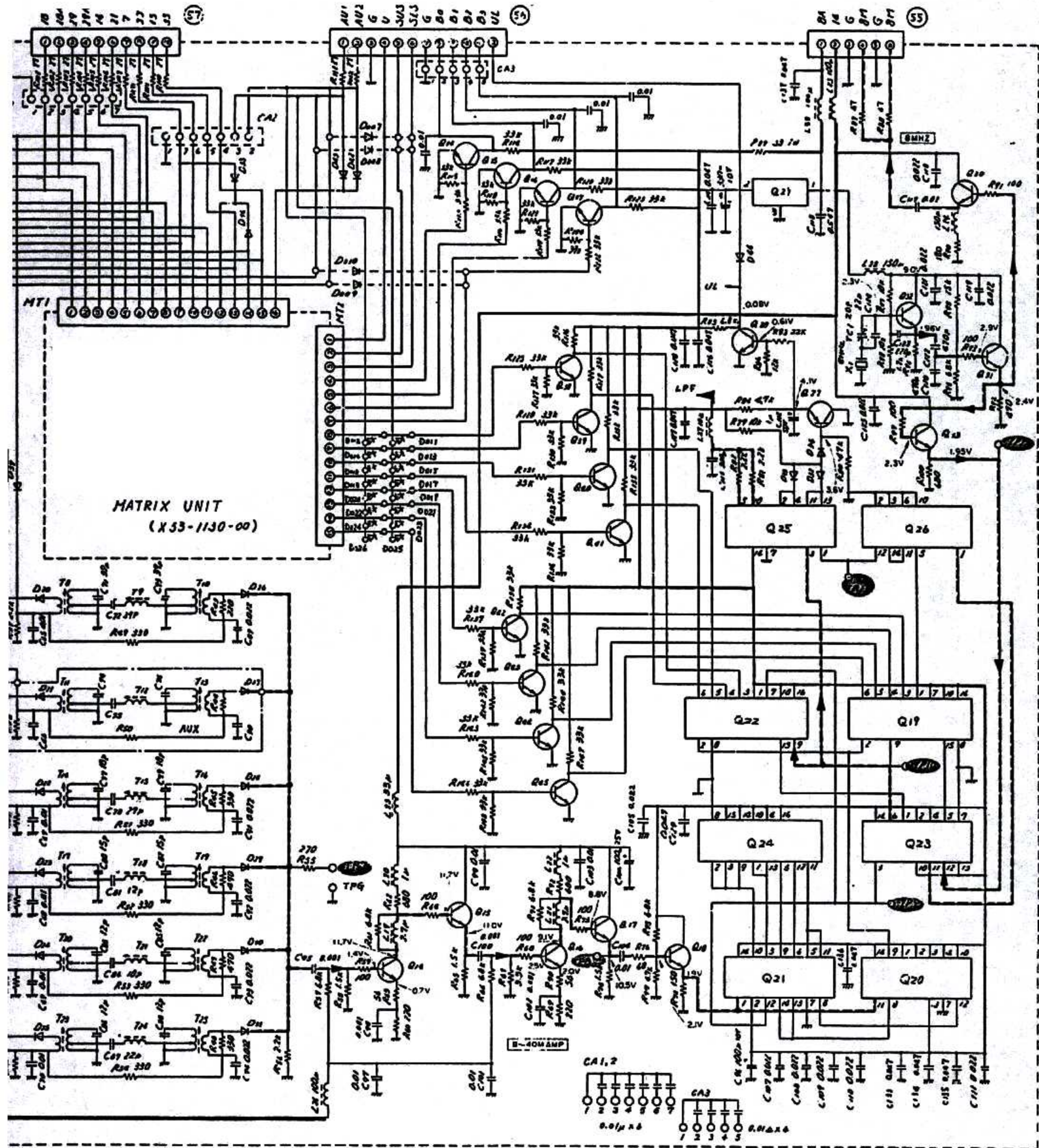
# PLL 1

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- |                              |  |   |
|------------------------------|--|---|
| Q01, Q2,<br>8-10 : 2SK19(GR) | Q4~6 : 2SC1775(E)                            | Q19, 22 : SN74LS163N or HD74LS163P or 74LS163 |
| Q1, 2, 14,<br>16 : 2SC1907   | Q7 : 2SK19(BL)                               | Q20 : SN74S74N or HD74S74                     |
| Q3, 28<br>34~45 : 2SC945(O)  | Q11, 12, 15,<br>17, 18,<br>31~33 : 2SC460(B) | Q21 : SN74S00N or HD74S00                     |
|                              | Q13 : SN76514N                               | Q23 : SN74LS00N or HD74LS00P or 74LS00        |
|                              |  | Q24 : SN74S112N or HD74S112                   |
|                              |  | Q25 : MC4044P                                 |

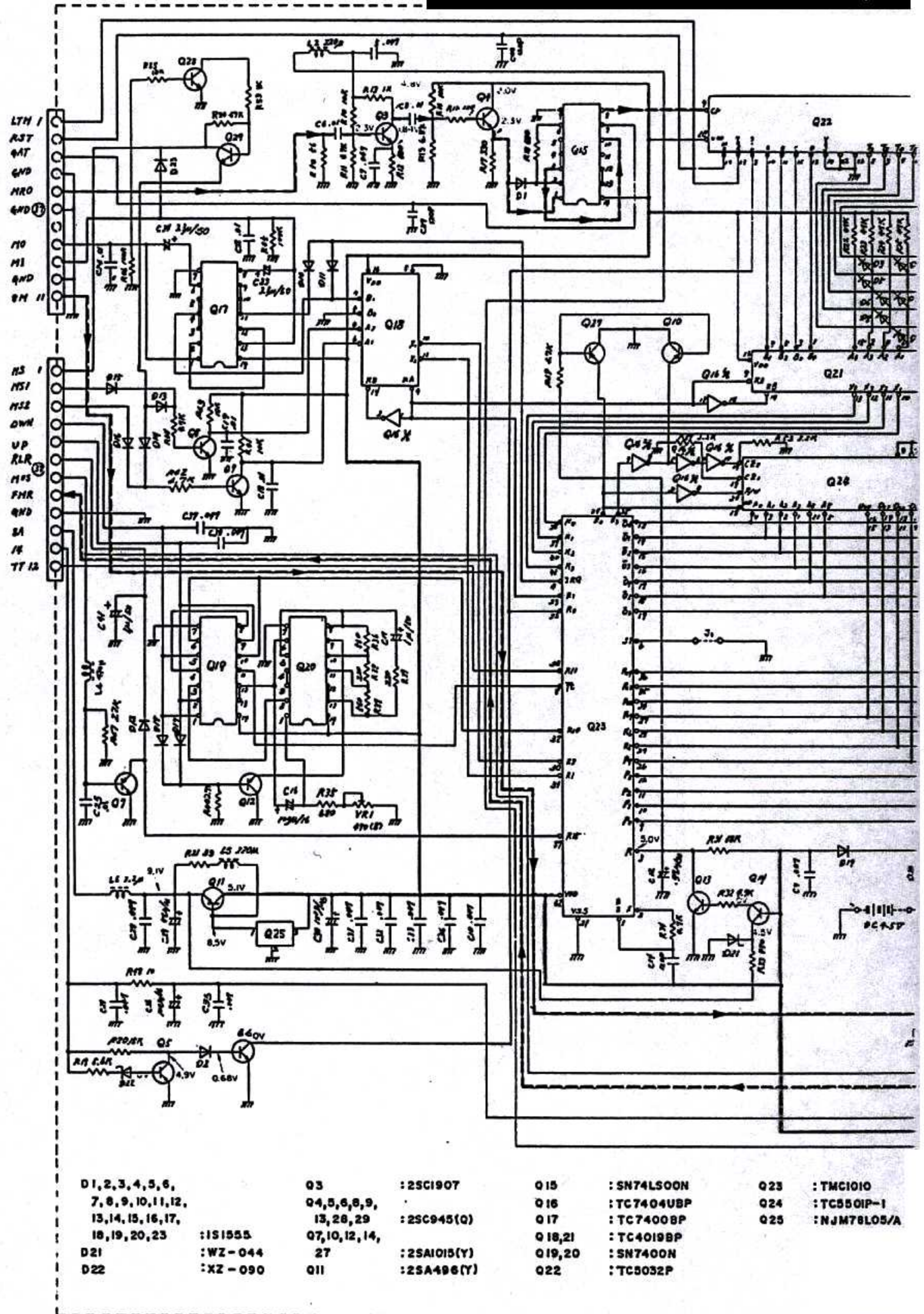
# PLL 2



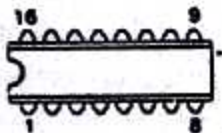
3P or 74LS163N	Q26 : SN74LS93N or HD74LS93P or 74LS93N	D1-3	D4,7	D6,10,14
7 or 74LS00N	Q27 : 2SA1015(Y)	5,9	8,11	18,002
	Q29 : FS 7805	13,16 : IS2588	12,15	004 : ISV53A
	Q30 : 25C1959(Y)		17,19	D20,22-26
			32-44	28-31 : IS1587
			001,003	
			005-026 : IS1555	

▼ MEMORY ASS'Y UNIT (X60-1090-00)  
 ▼ CONTROL UNIT (X53-1100-00)

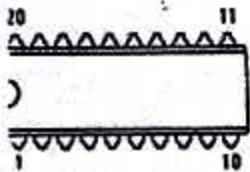
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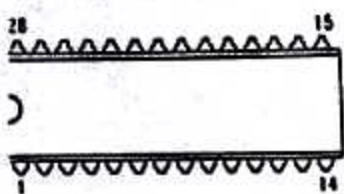
TC4518BP  
 TC9122P  
 TC4019BP



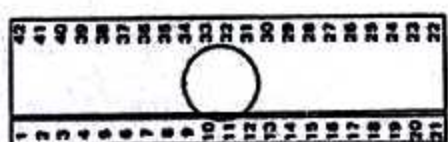
TC5501P-1



TC5032P

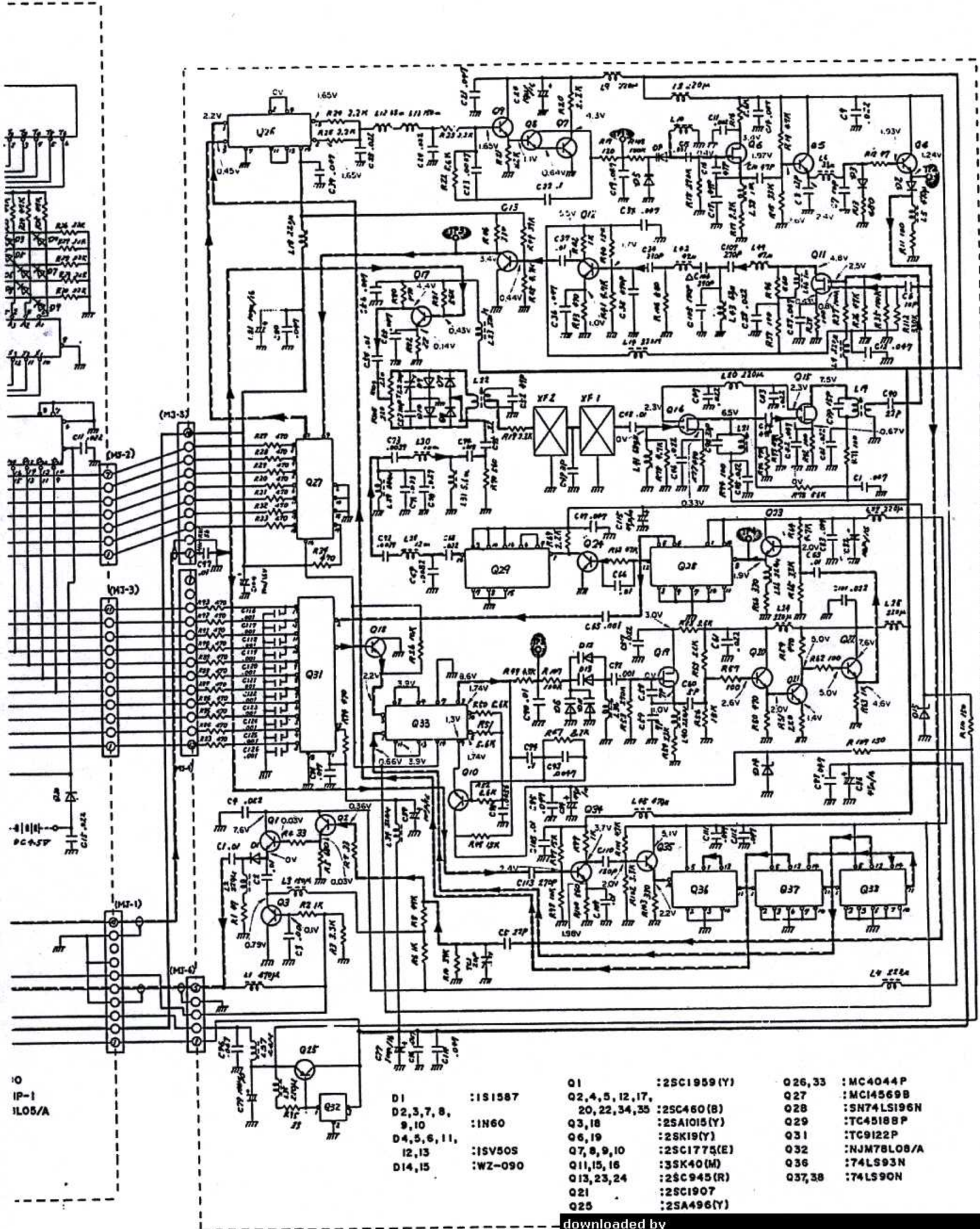


TMC1010



D1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 23	: IS1555	Q3	: 25C1907	Q15	: SN74LS00N	Q23	: TMC1010
D21	: WZ-044	Q4, 5, 6, 8, 9, 13, 28, 29	: 25C945(Q)	Q16	: TC7404UBP	Q24	: TC5501P-1
D22	: XZ-090	Q7, 10, 12, 14, 27	: 25A1015(Y)	Q17	: TC7400BP	Q25	: NJM78L05/A
		Q11	: 25A496(Y)	Q18, 21	: TC4019BP		
				Q19, 20	: SN7400N		
				Q22	: TC5032P		

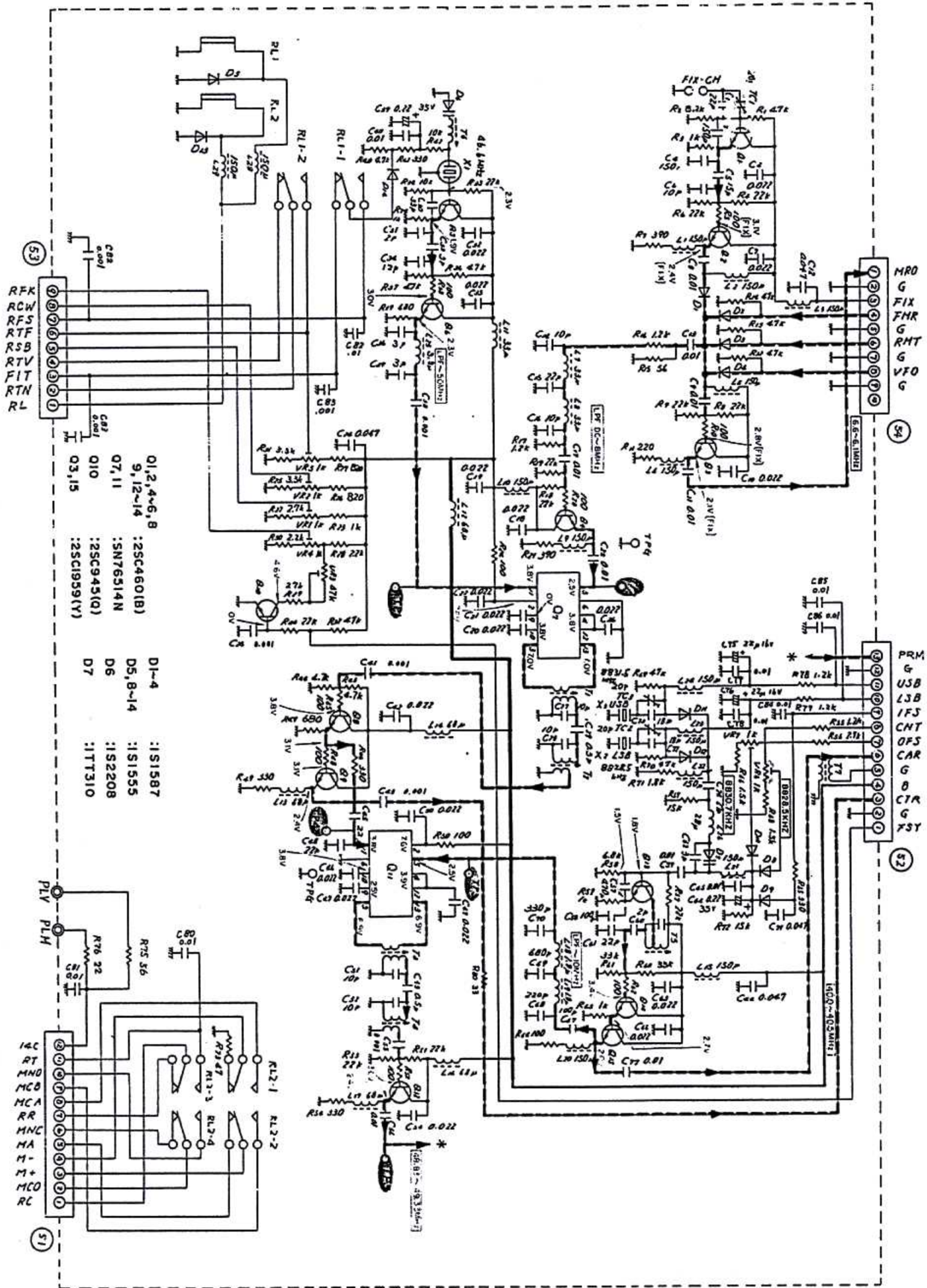
▼ VCO UNIT (X50-1550-00)



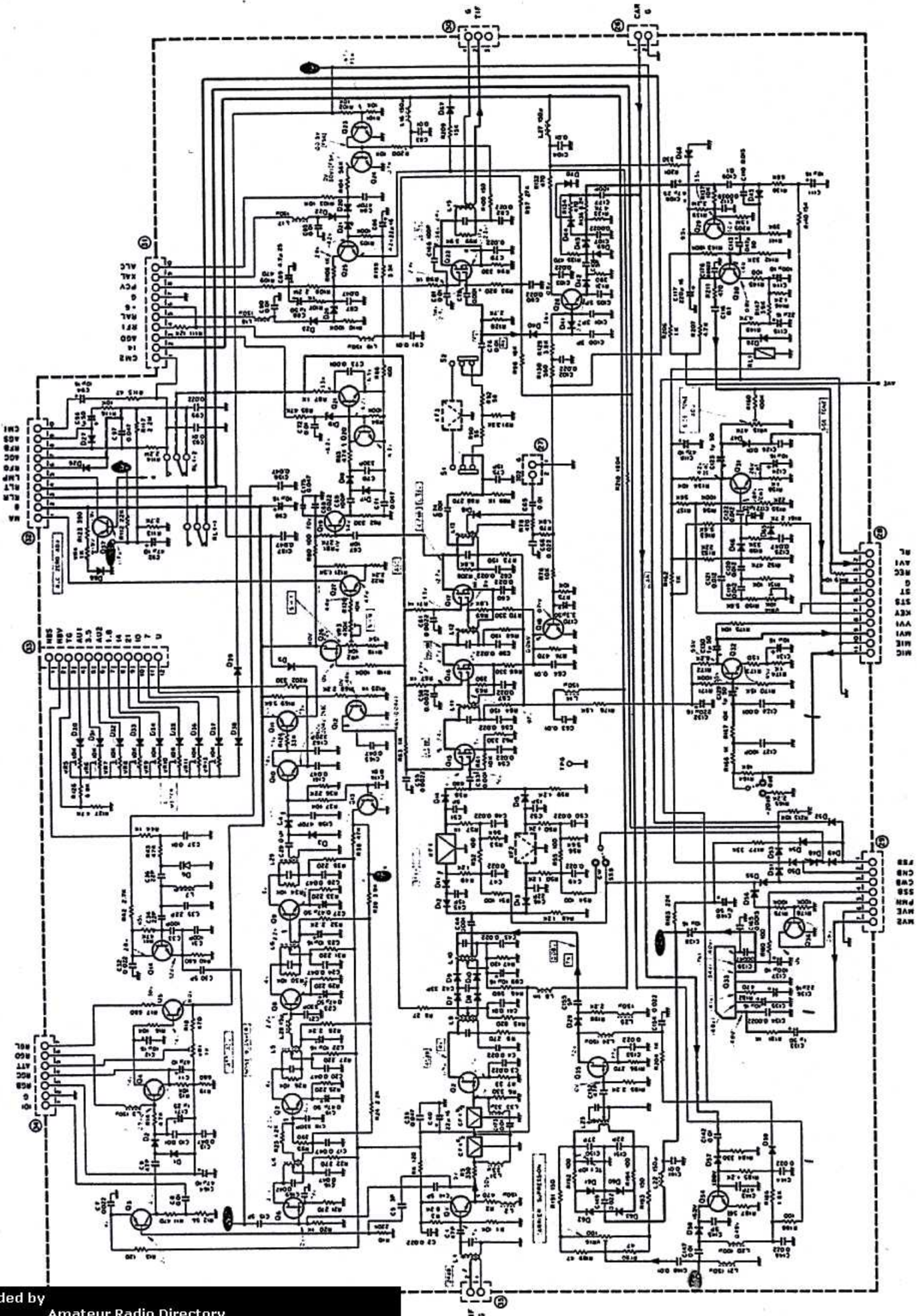
IO  
IP-1  
ILO5/A

D1	: IS1587	Q1	: 25C1959(Y)	Q26, 33	: MC4044P
D2, 3, 7, 8,	: IN60	Q2, 4, 5, 12, 17,	: 25C460(B)	Q27	: MCI4569B
9, 10		20, 22, 34, 35		Q28	: SN74LS196N
D4, 5, 6, 11,	: 5V50S	Q3, 18	: 25A1015(Y)	Q29	: TC45188P
12, 13		Q6, 19	: 25K19(Y)	Q31	: TC9122P
D14, 15	: WZ-090	Q7, 8, 9, 10	: 25C1775(E)	Q32	: NJM78L08/A
		Q11, 15, 18	: 35K40(M)	Q36	: 74LS93N
		Q13, 23, 24	: 25C945(R)	Q37, 38	: 74LS90N
		Q21	: 25C1907		
		Q25	: 25A496(Y)		

▼ PREMIX UNIT (X50-1570-00)

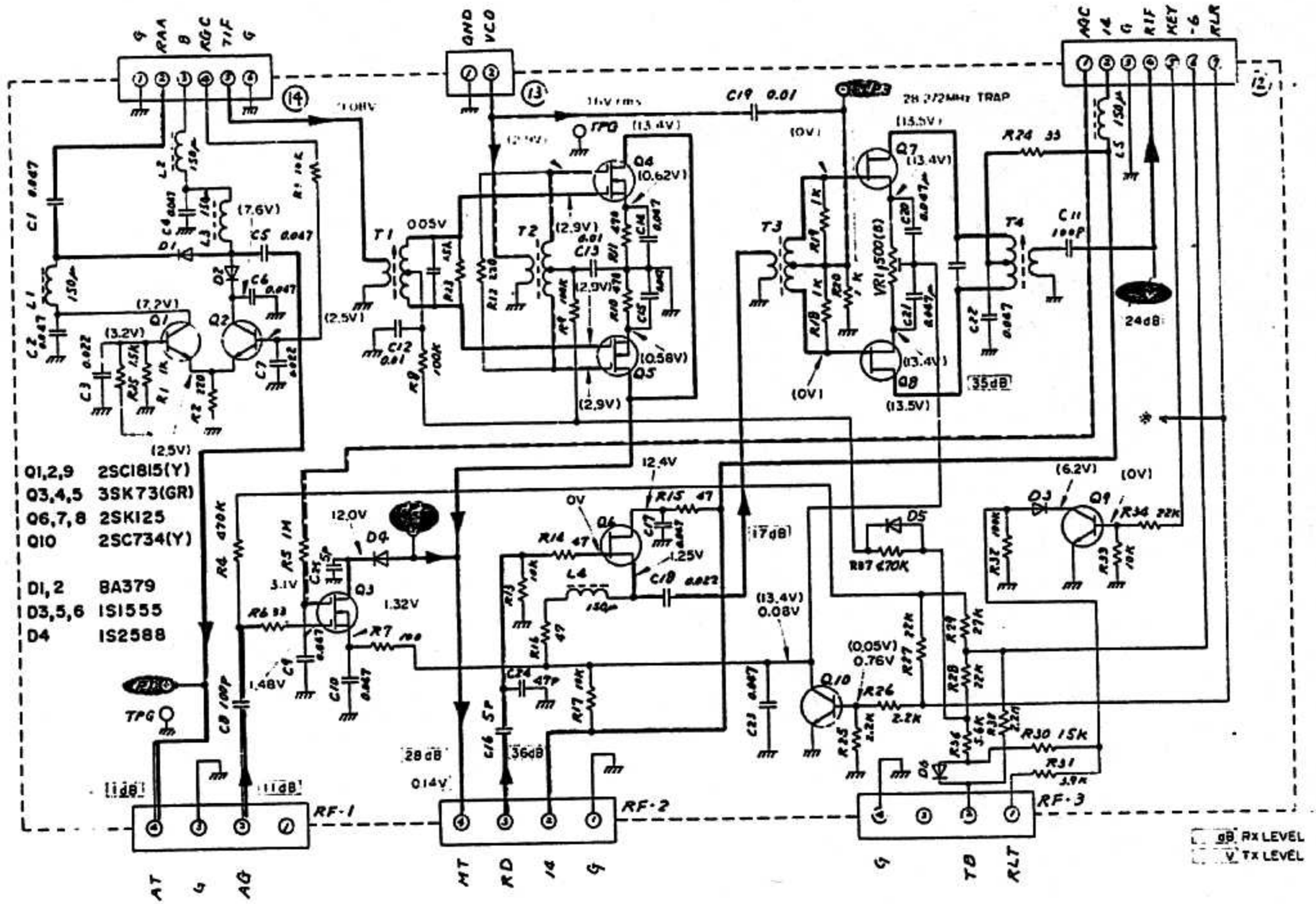


▼ IF UNIT (X48-1240-11)



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RA100			

▼ RF UNIT (X44-1280-00) PARTS LIST: Page 40



▼ AVR UNIT (X43-1340-00) PARTS LIST: Page 40

