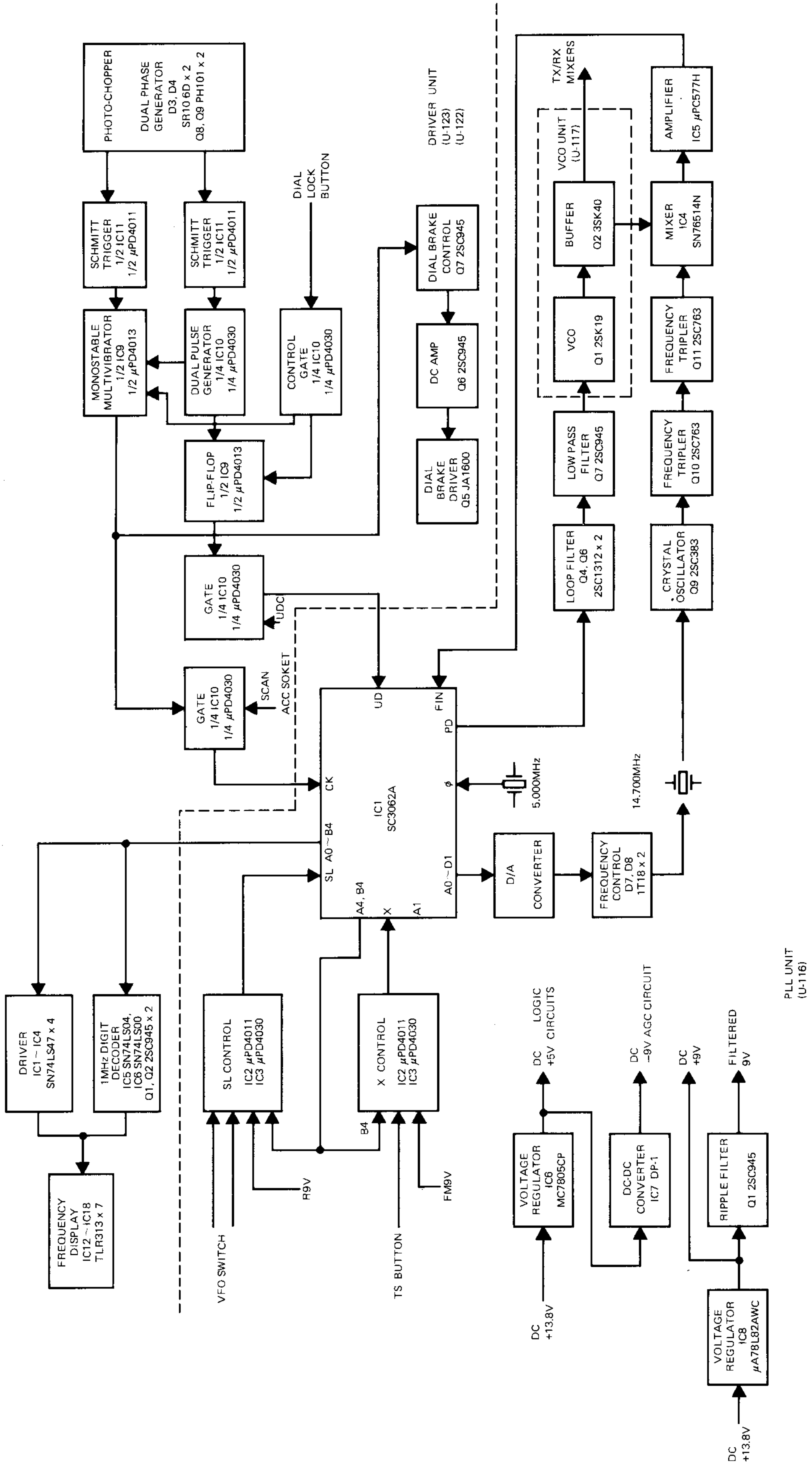
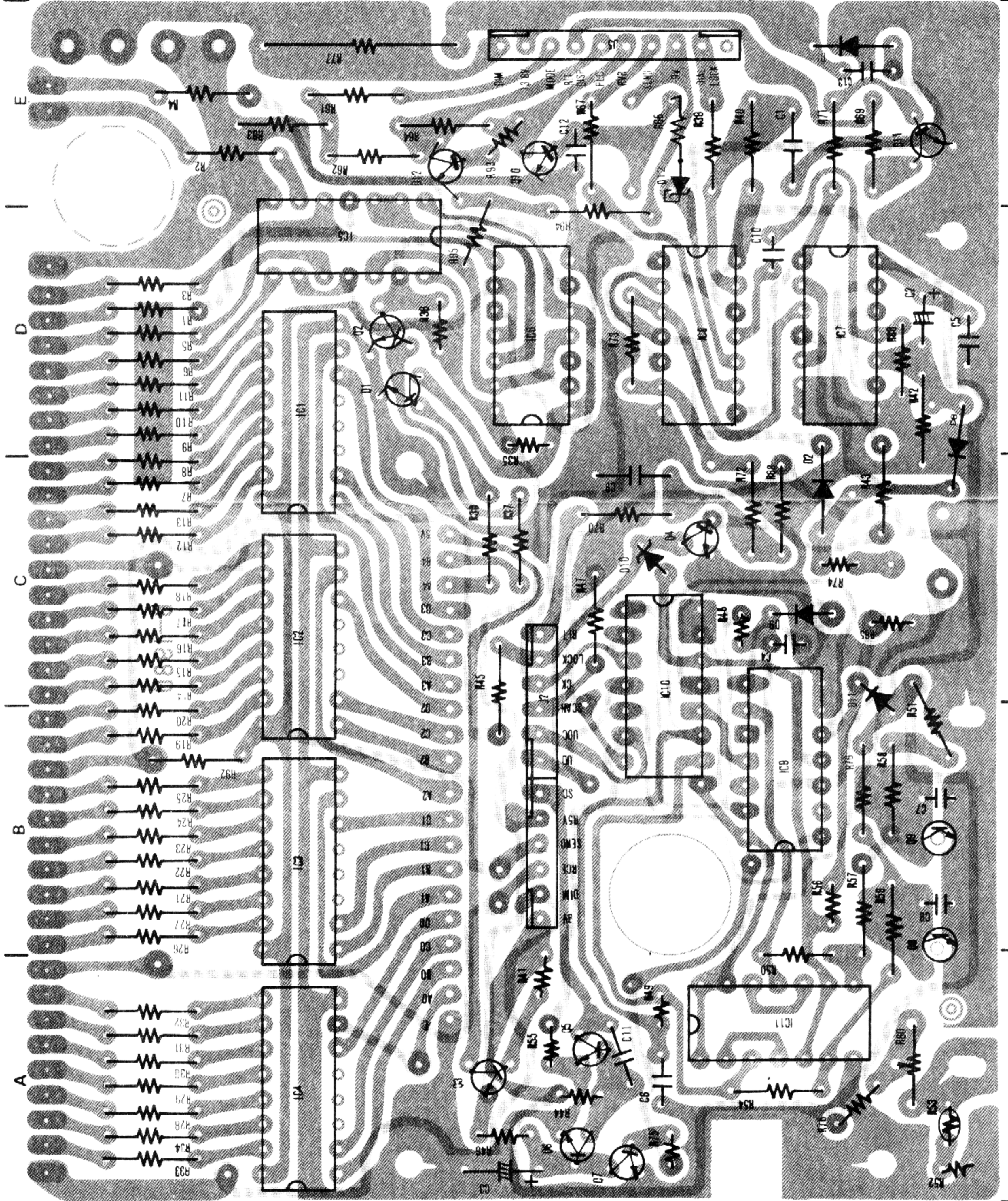
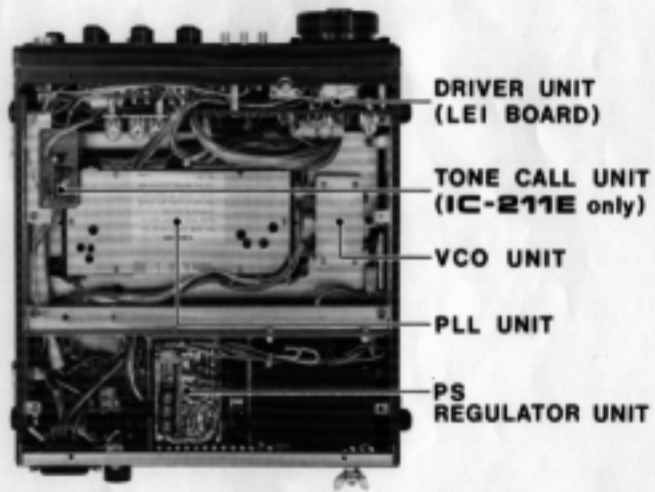
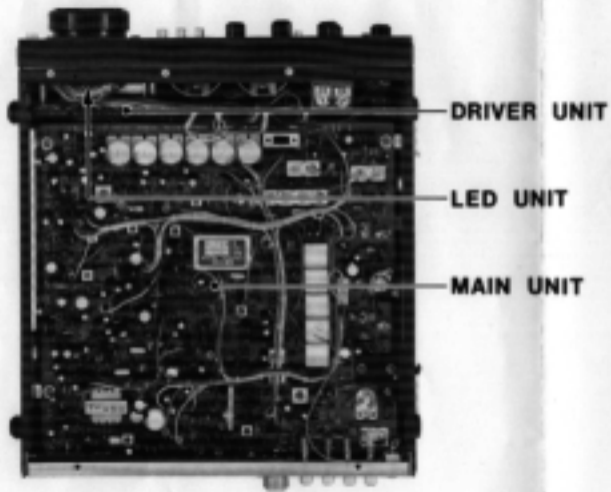


PLL and DRIVER CIRCUITS



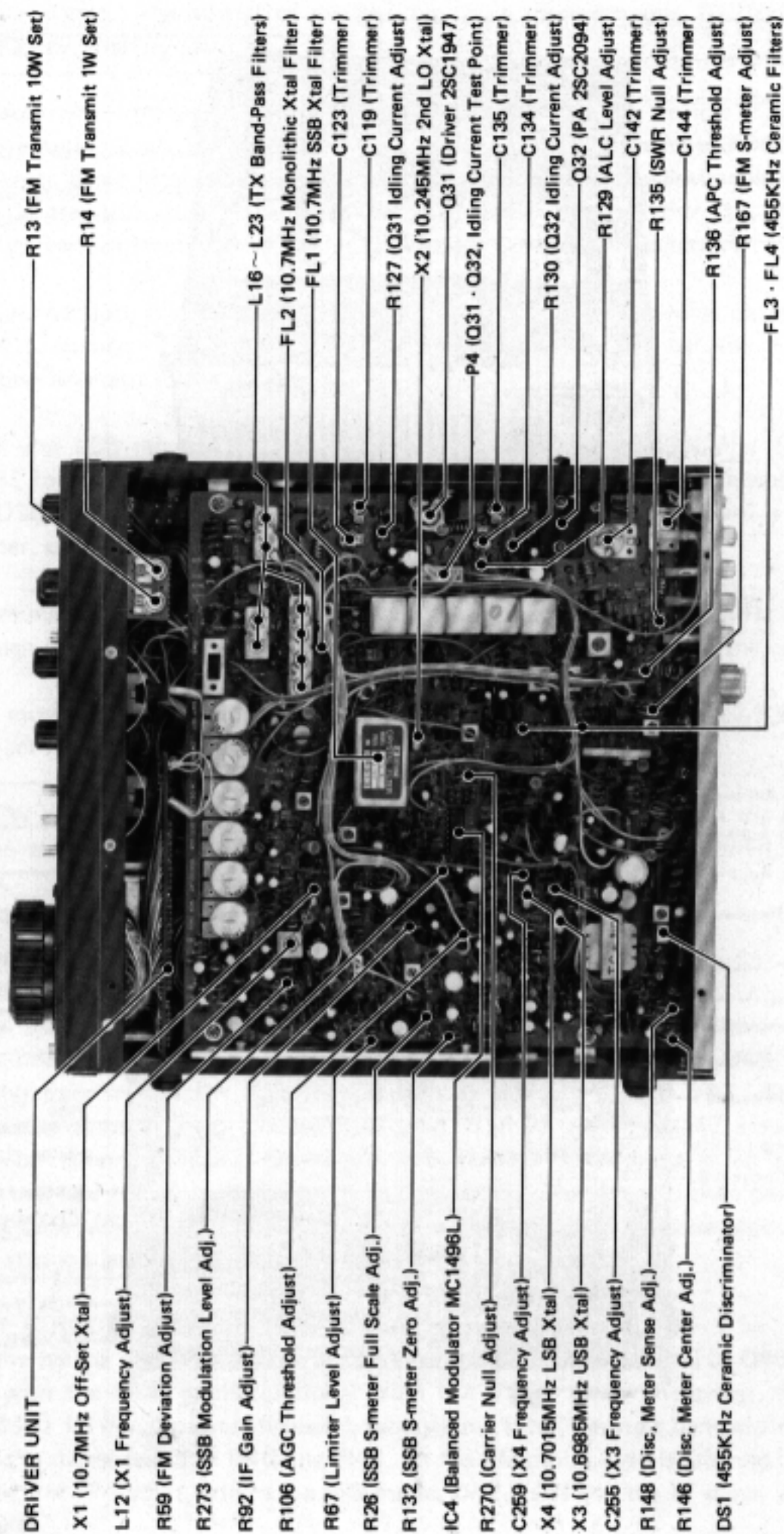
Treiber | Driver-Unit



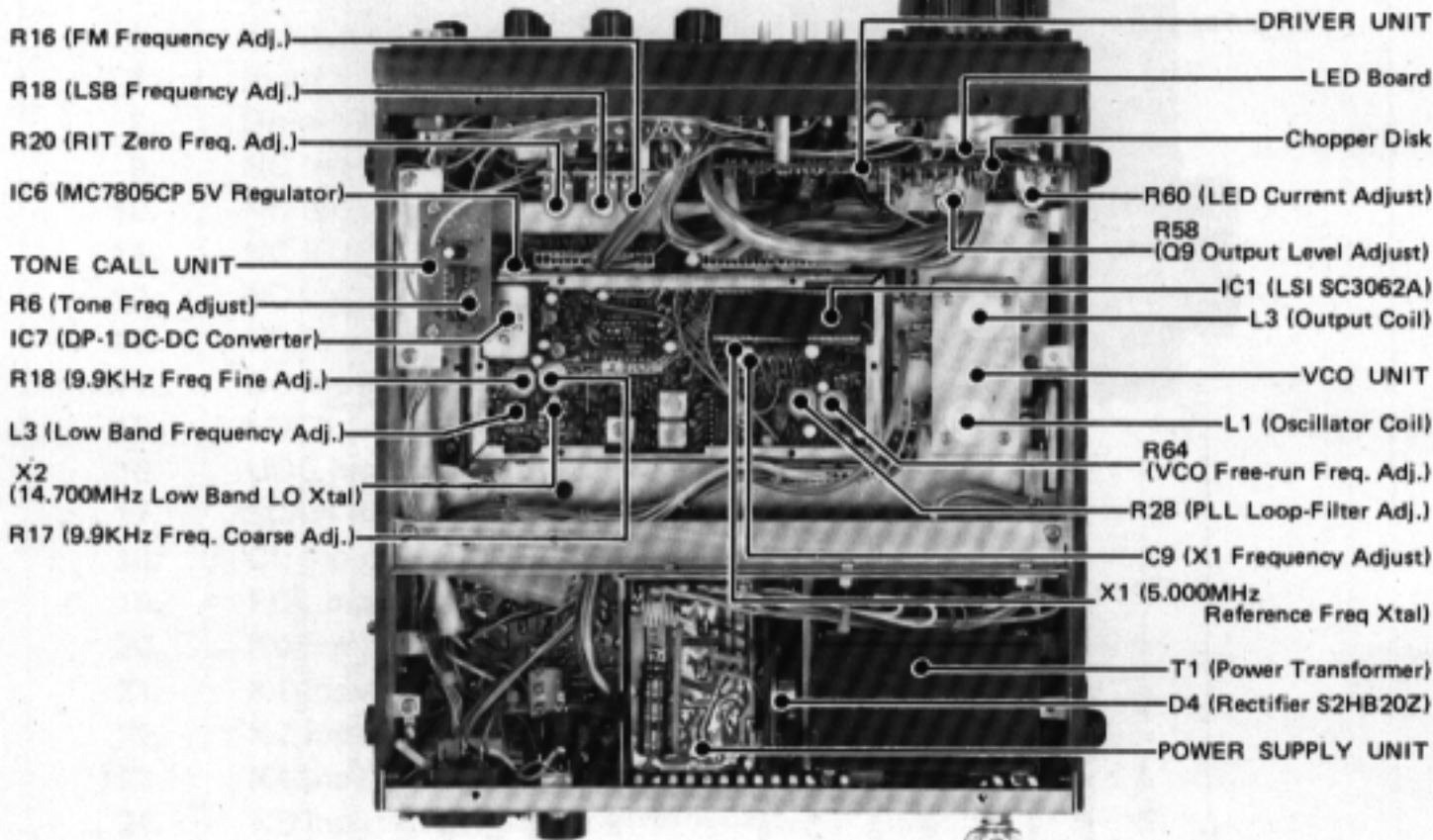
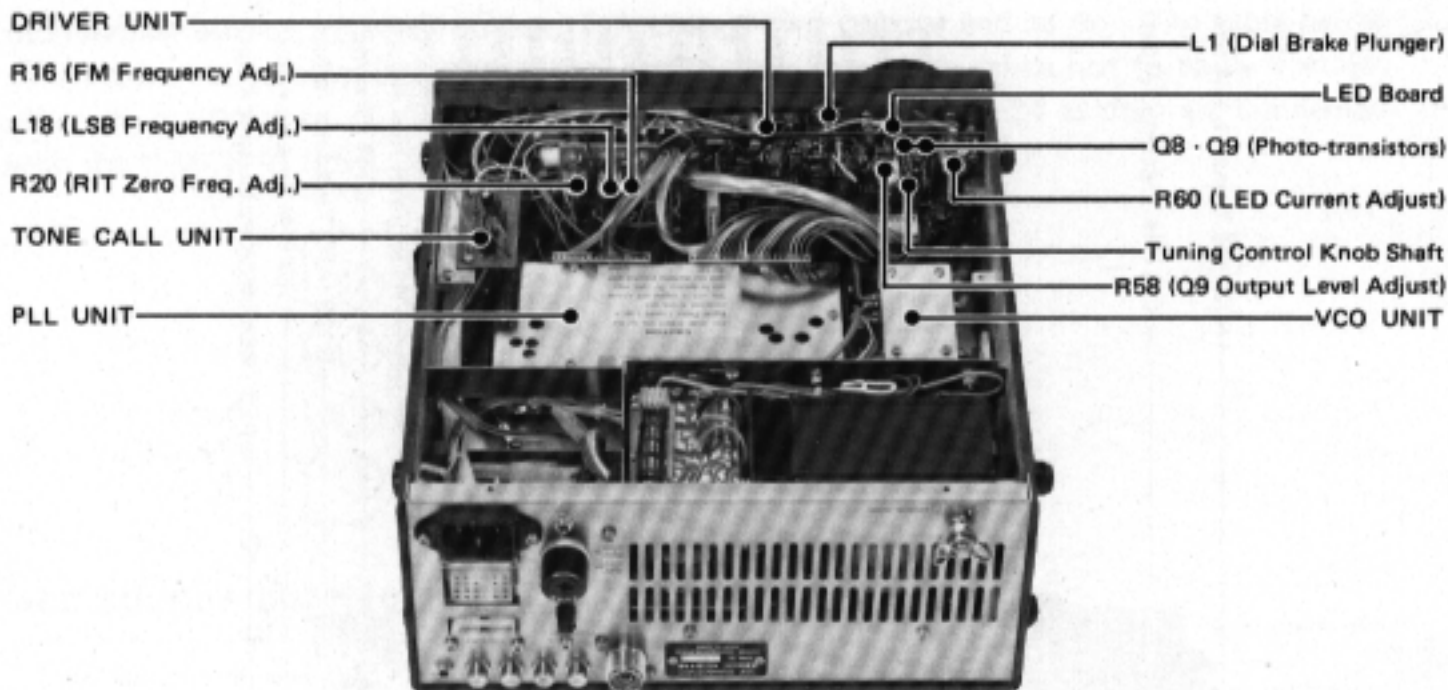


SECTION VI INSIDE VIEW

MAIN PC BOARD SIDE



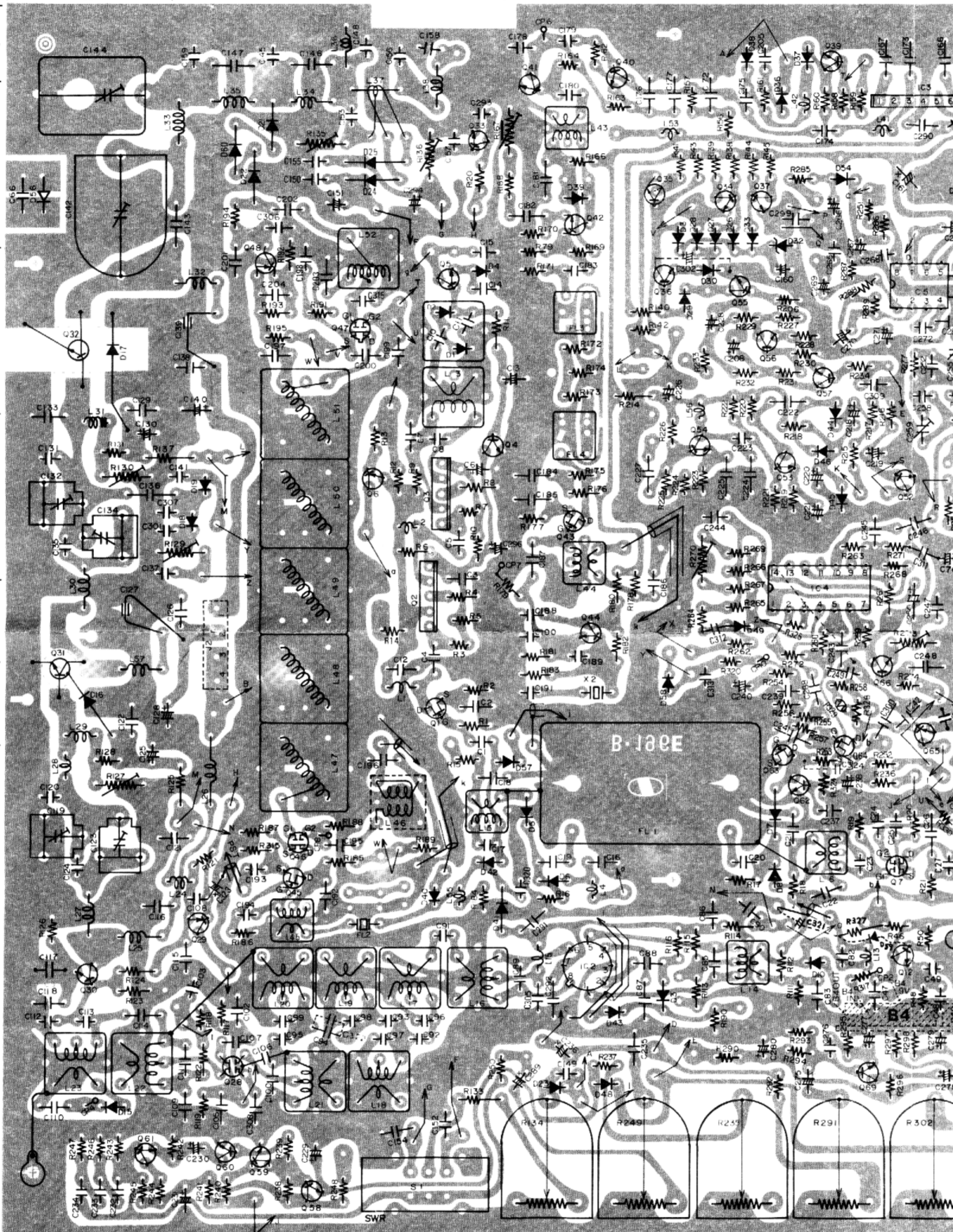
PLL UNIT SIDE



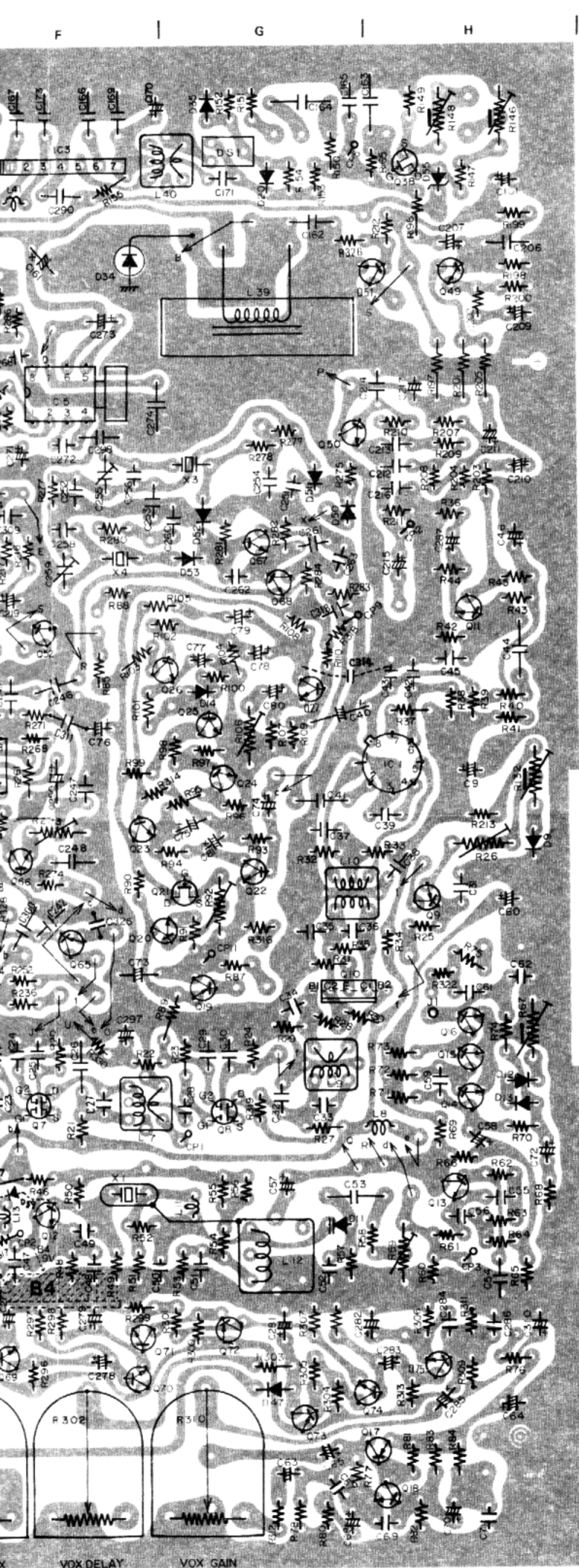
HAUPTPLATINE mainboard

A B C D E F

8
7
6
5
4
3
2
1

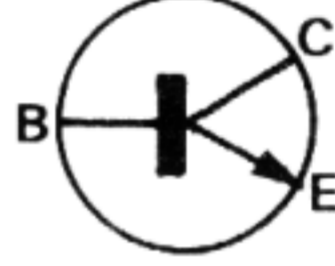


SWR SET CW MONI CW DELAY ANTI VOX VOX DELA



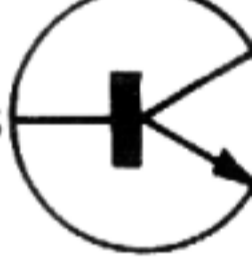
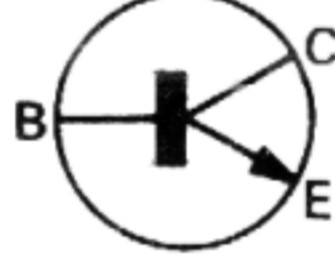
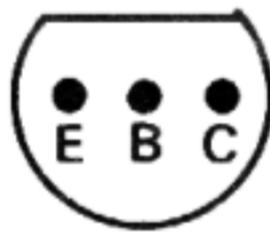
Q4·Q5·Q11·Q16·Q18·Q20·
 Q22~Q27·Q33·Q36·Q39~Q42
 Q44·Q49~Q62·Q66~Q71·Q74·Q75

Q7·Q8·Q28·Q46·Q47



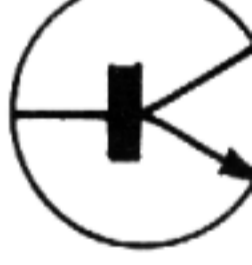
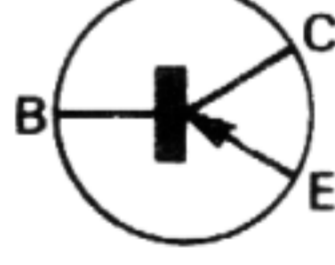
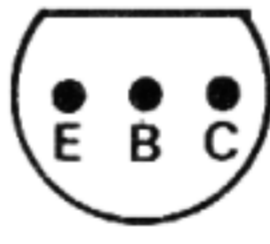
Q34·Q37

Q31



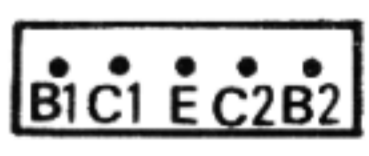
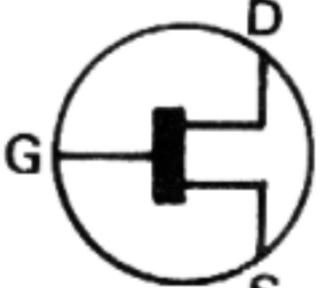
Q6·Q9·Q17·Q19·Q29·Q65
 Q72·Q73

Q30



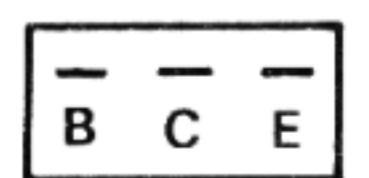
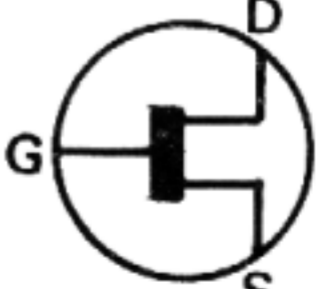
Q1·Q43·Q45·Q63

Q2·Q3·Q10



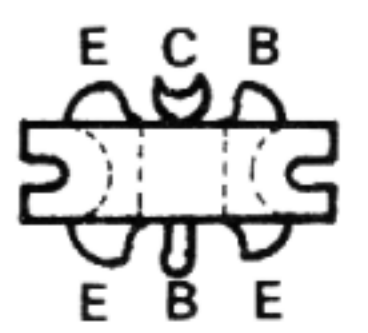
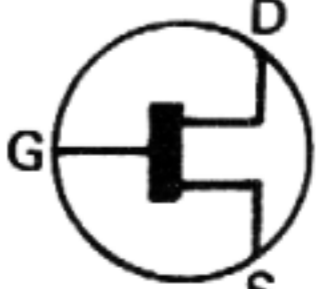
Q38·Q64

Q35



Q21

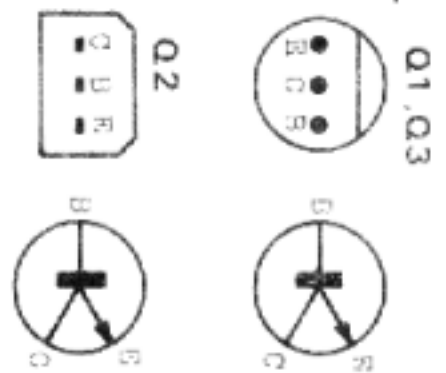
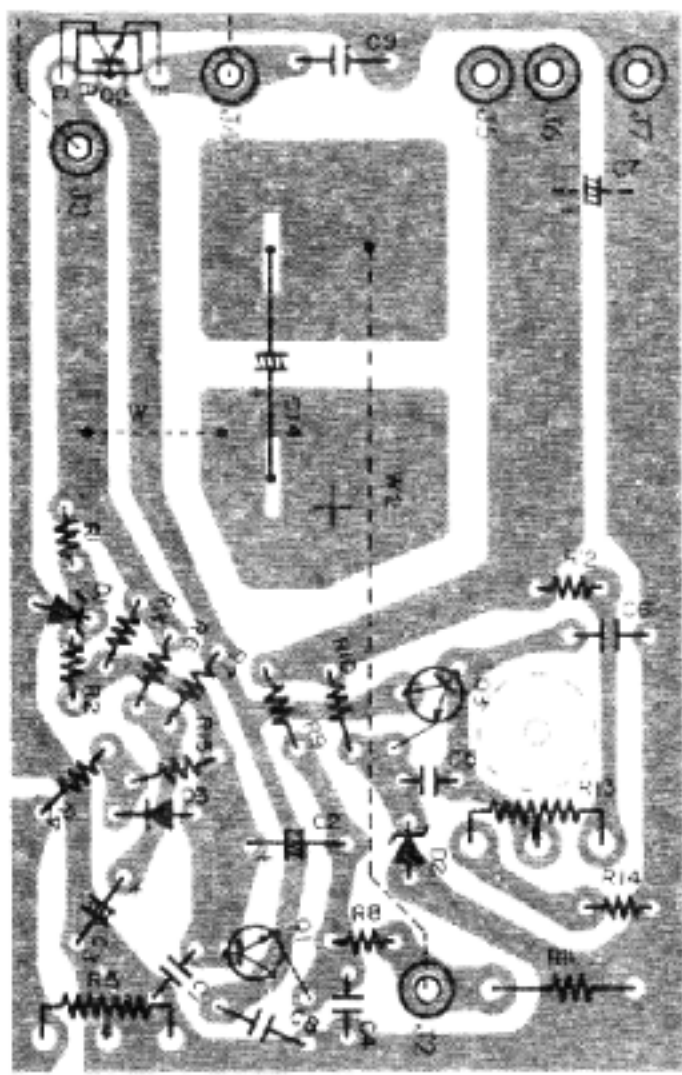
Q32



Q48

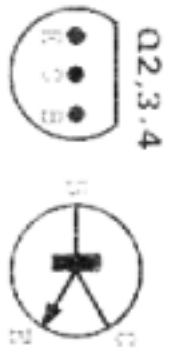
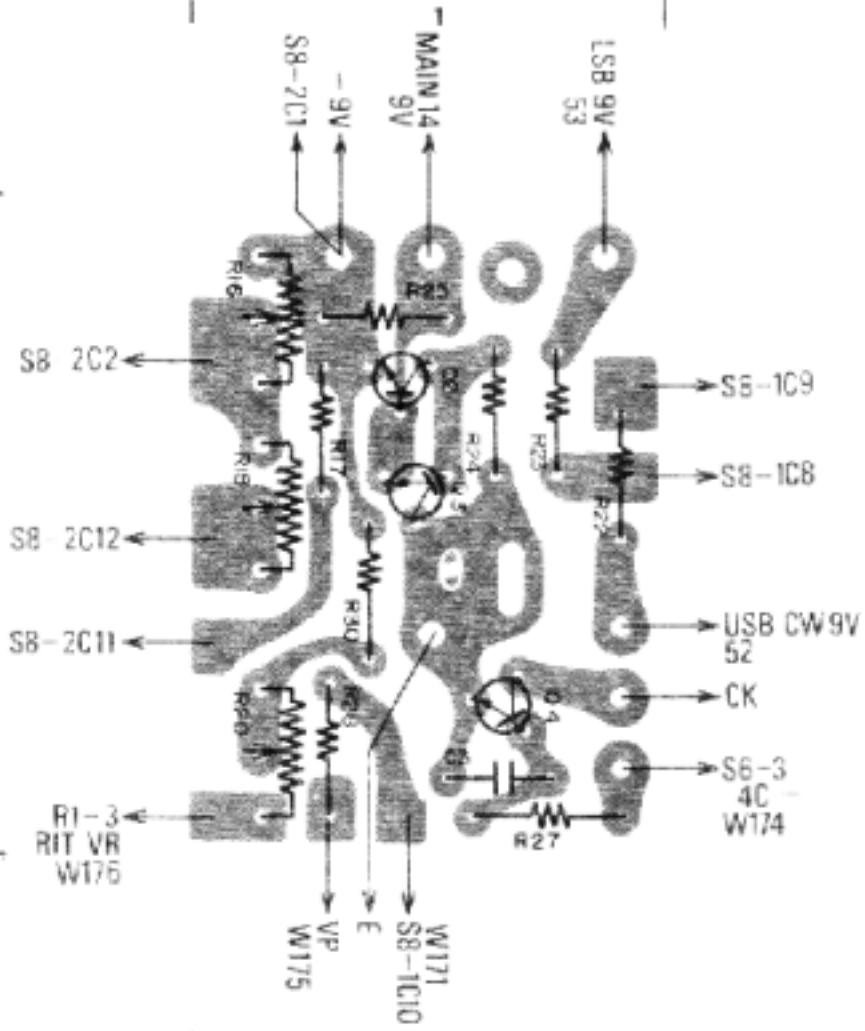


VOX DELAY VOX GAIN



Stromversorgung

Regulator

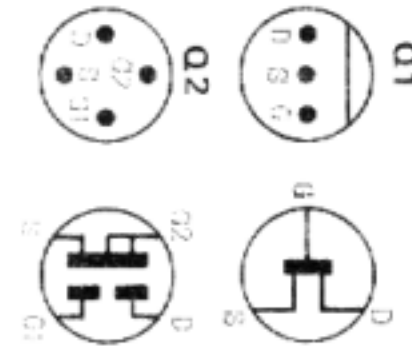
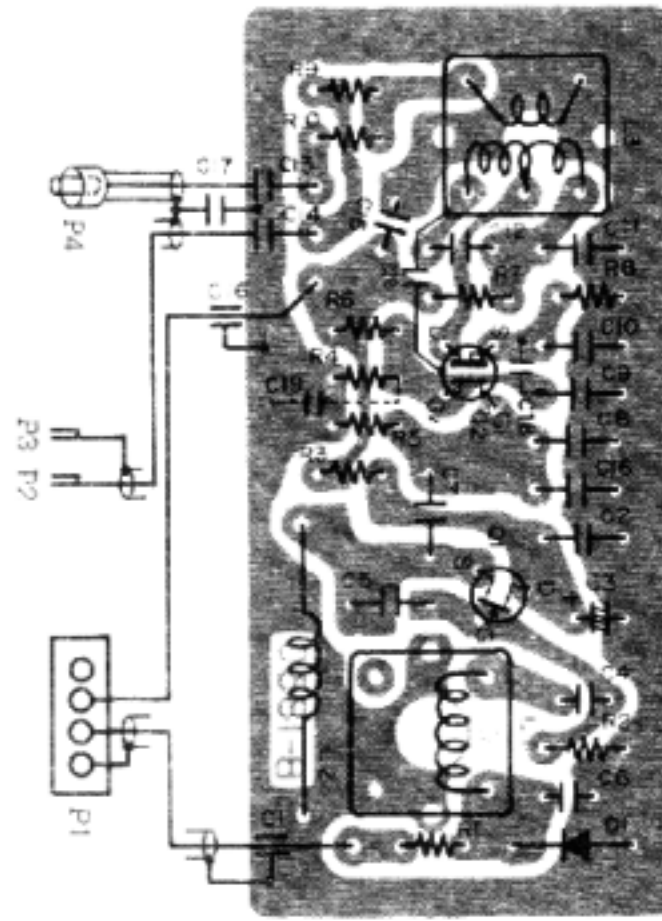


Spannungs-Stabilisierung

Constant Current

LED Unit

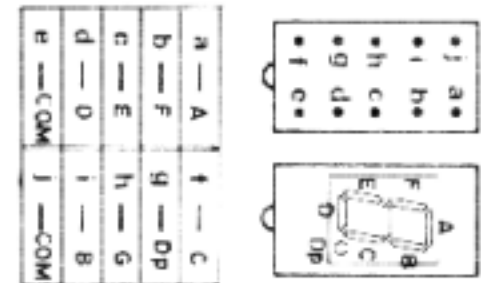
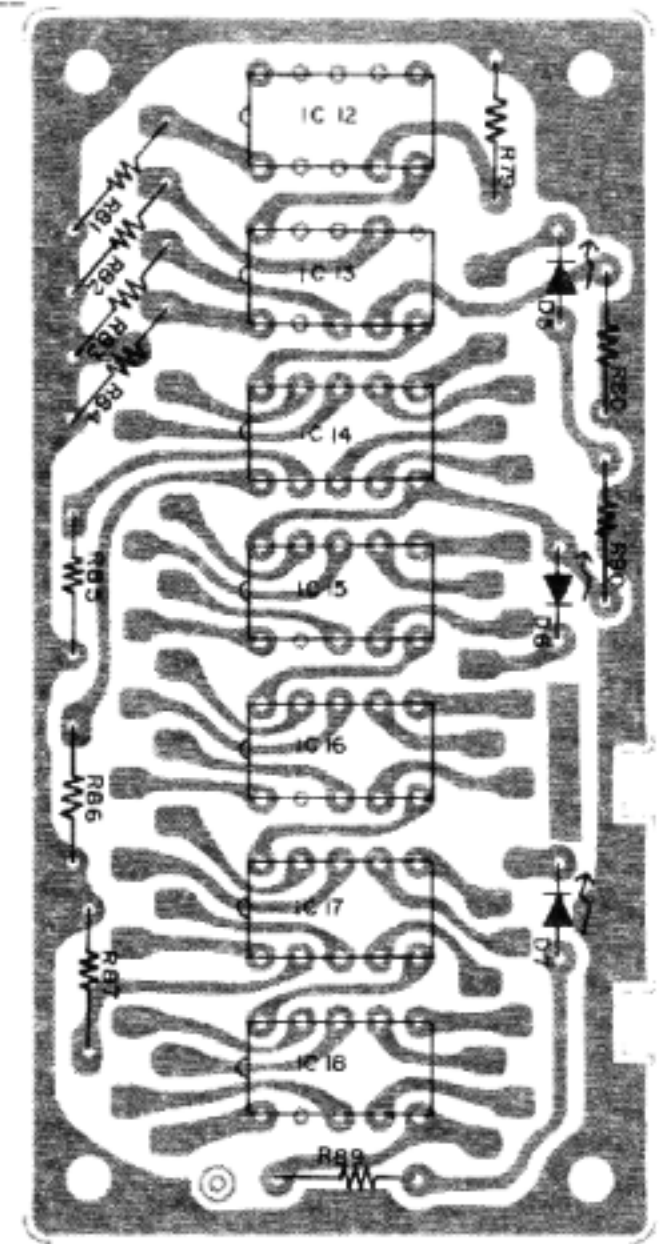
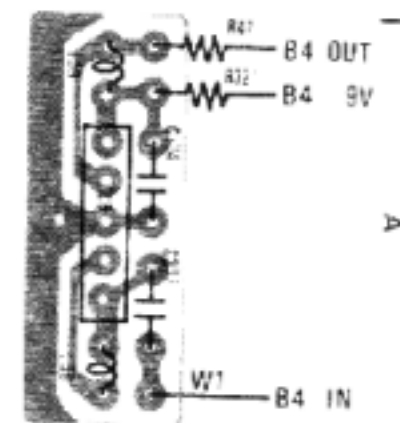
Foto-Dioden



VCO

10,7MHz Limiter

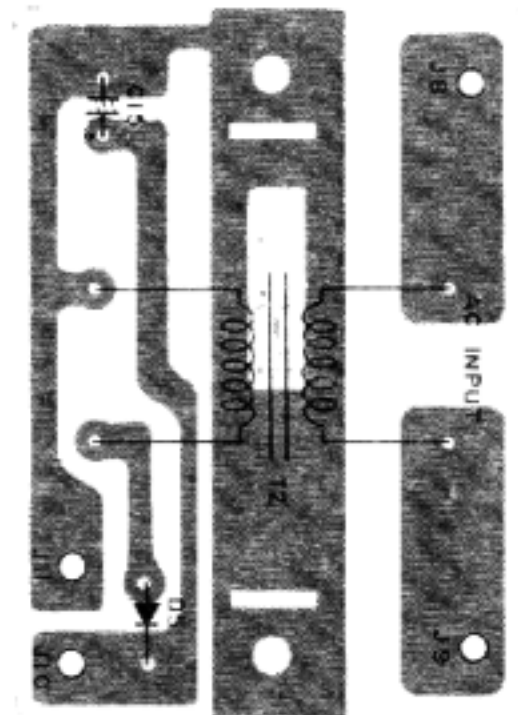
Begrenzer



Frequenzanzeige

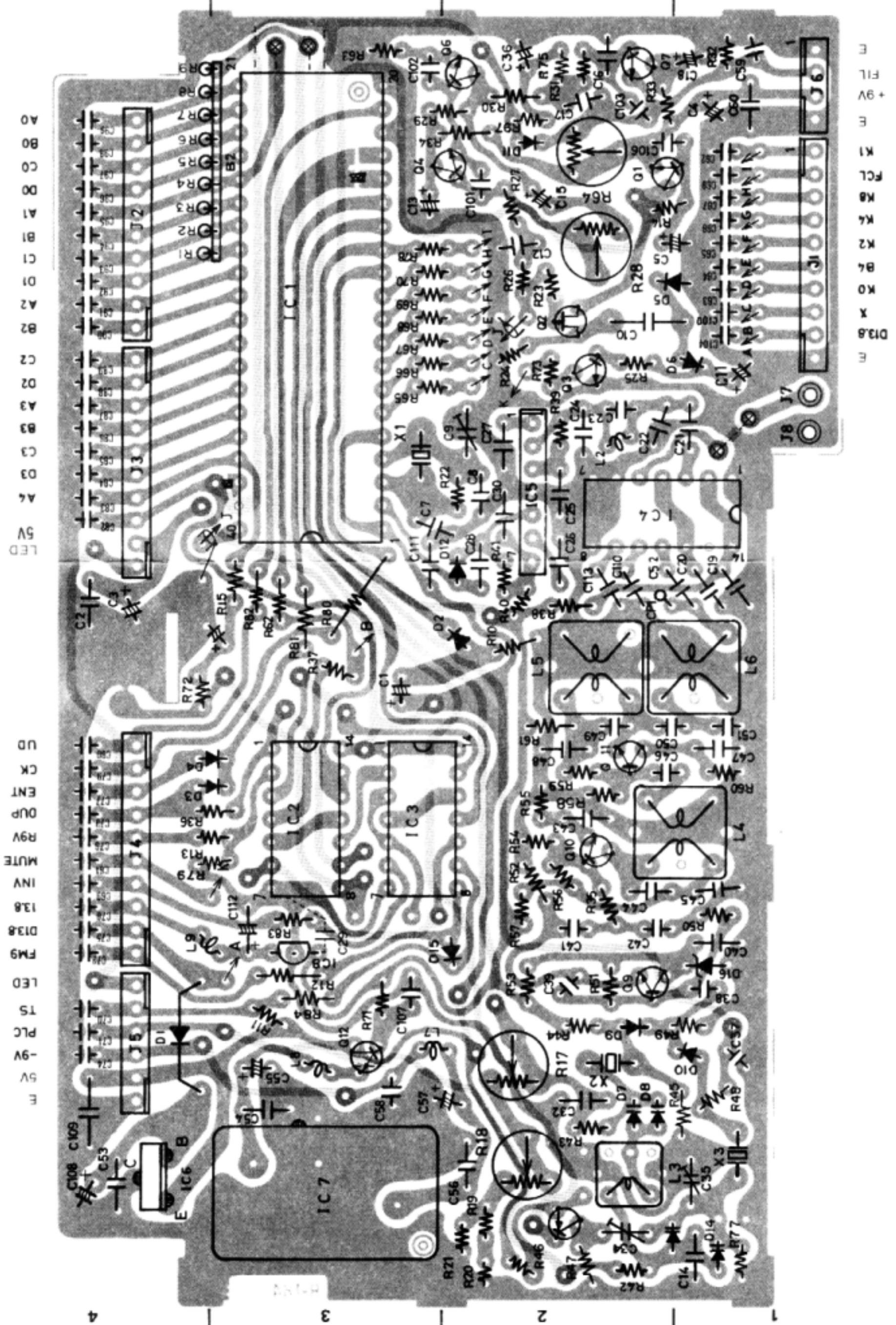
LED Unit

Memory



PLL

PLL-Platine

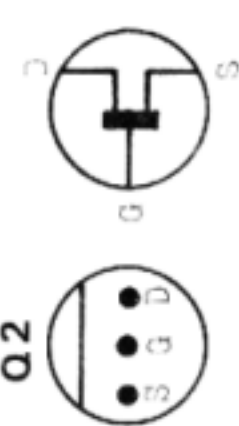
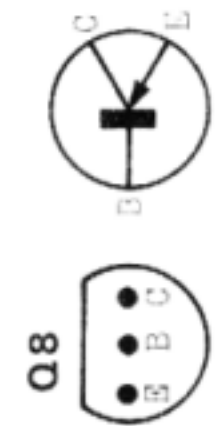
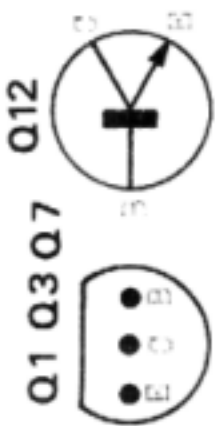
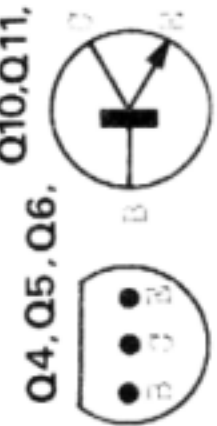
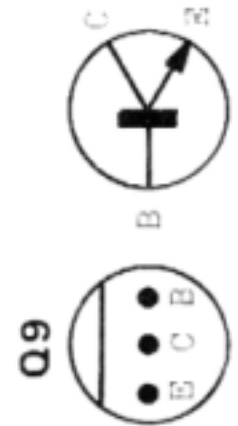


A B C D E F

UD CK ENT OUP R9V MUTE INV 13.8 D13.8 FM9 LED TS PLC -9V 5V E

A0 B0 C0 D0 E0 A1 B1 C1 D1 E1 A2 B2 C2 D2 E2 A3 B3 C3 D3 E3 A4 B4 C4 D4 E4 5V LED

E FIL +9V E K1 FCL K8 K4 K2 K0 B4 X D13.8 E



J6 J5 J4 J3 J2 J1 J8 J7

