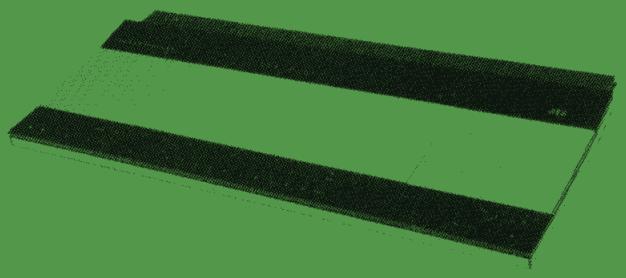
Bang & Olufsen



Beocenter 9500

Type 2506, 2508, 2509, 2510

Beocenter 8500

Type 2511, 2512, 2513, 2514

SERVICEANLEITUNG
MANUEL d'ENTRETIEN

The FM TUNER is a single unit.
With failure in this unit we recommend replacing the whole unit.
However the part nos. of semi-conductors are in the list of semi-conductors.

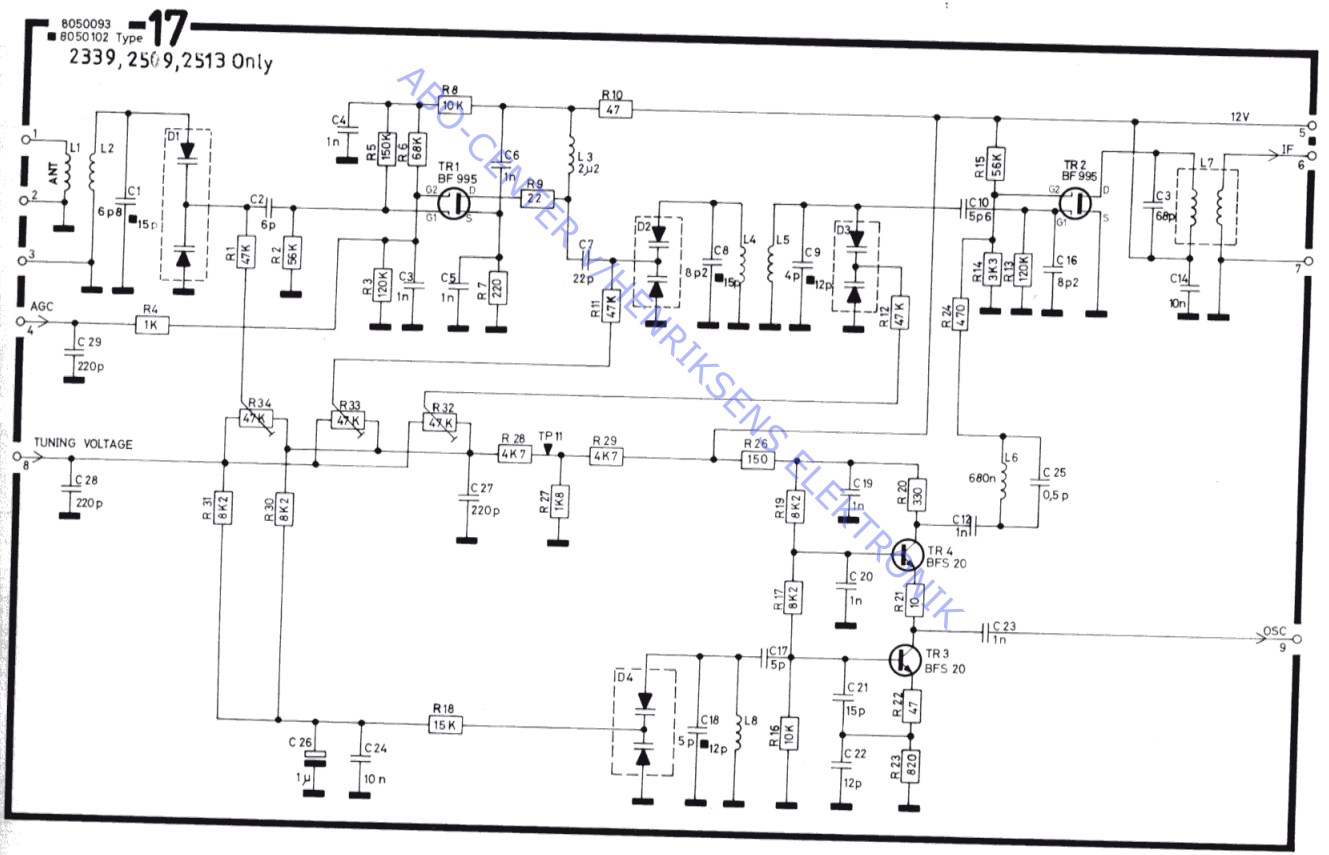
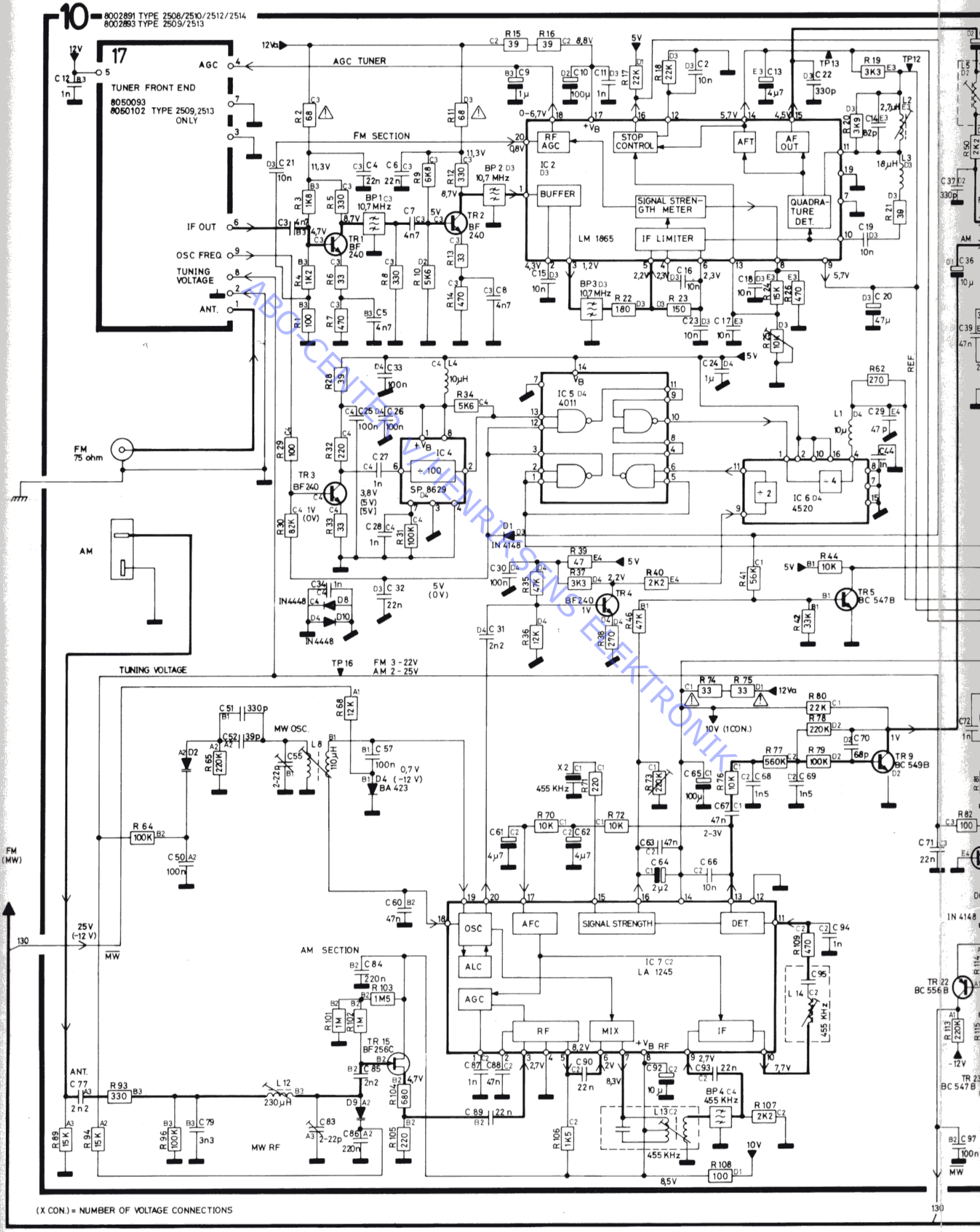


DIAGRAM A (AM-FM, Tuner, IF, Stereo Decoder, Type 2508, 2509, 2510, 2512, 2513, 2514)



, 2514)

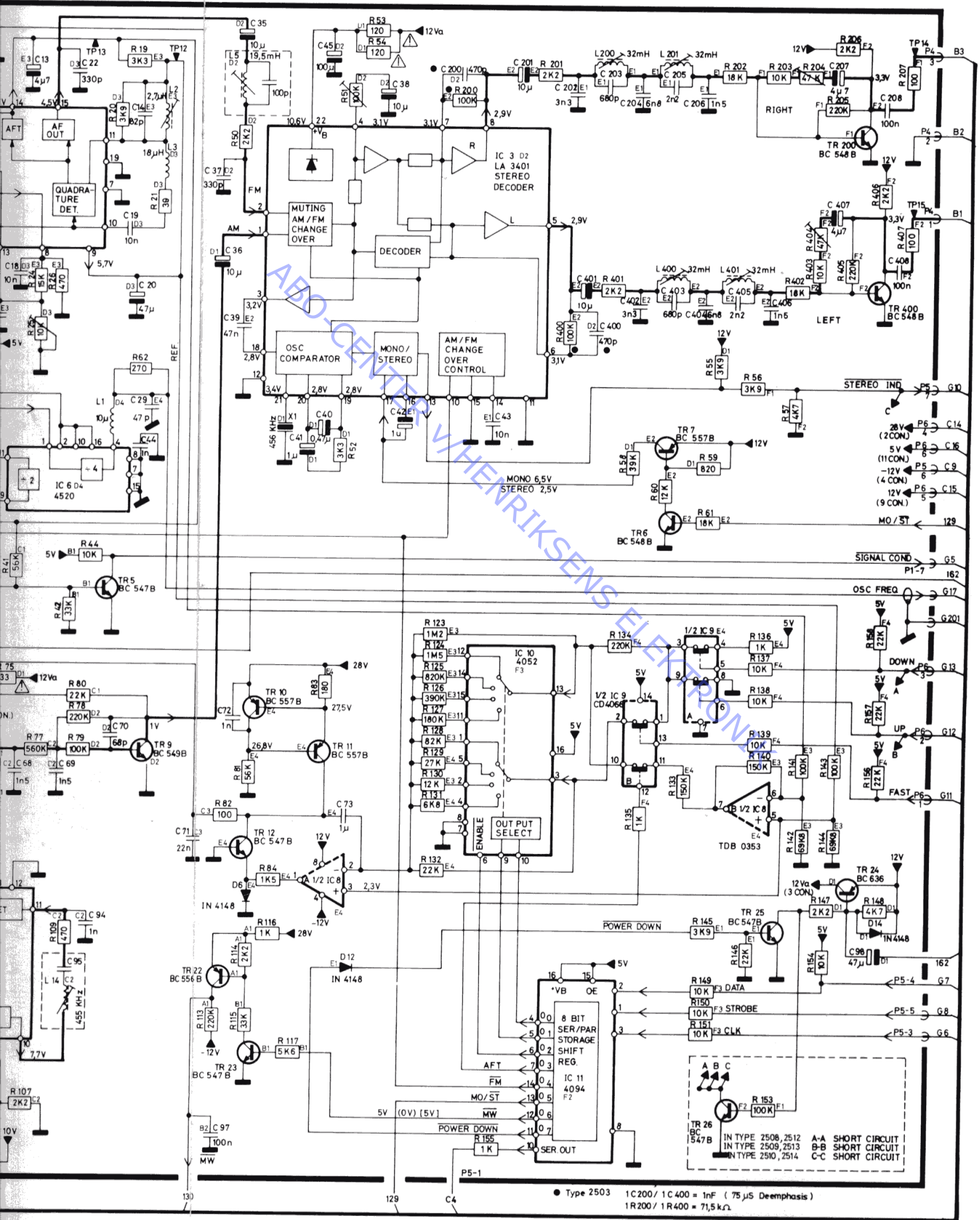
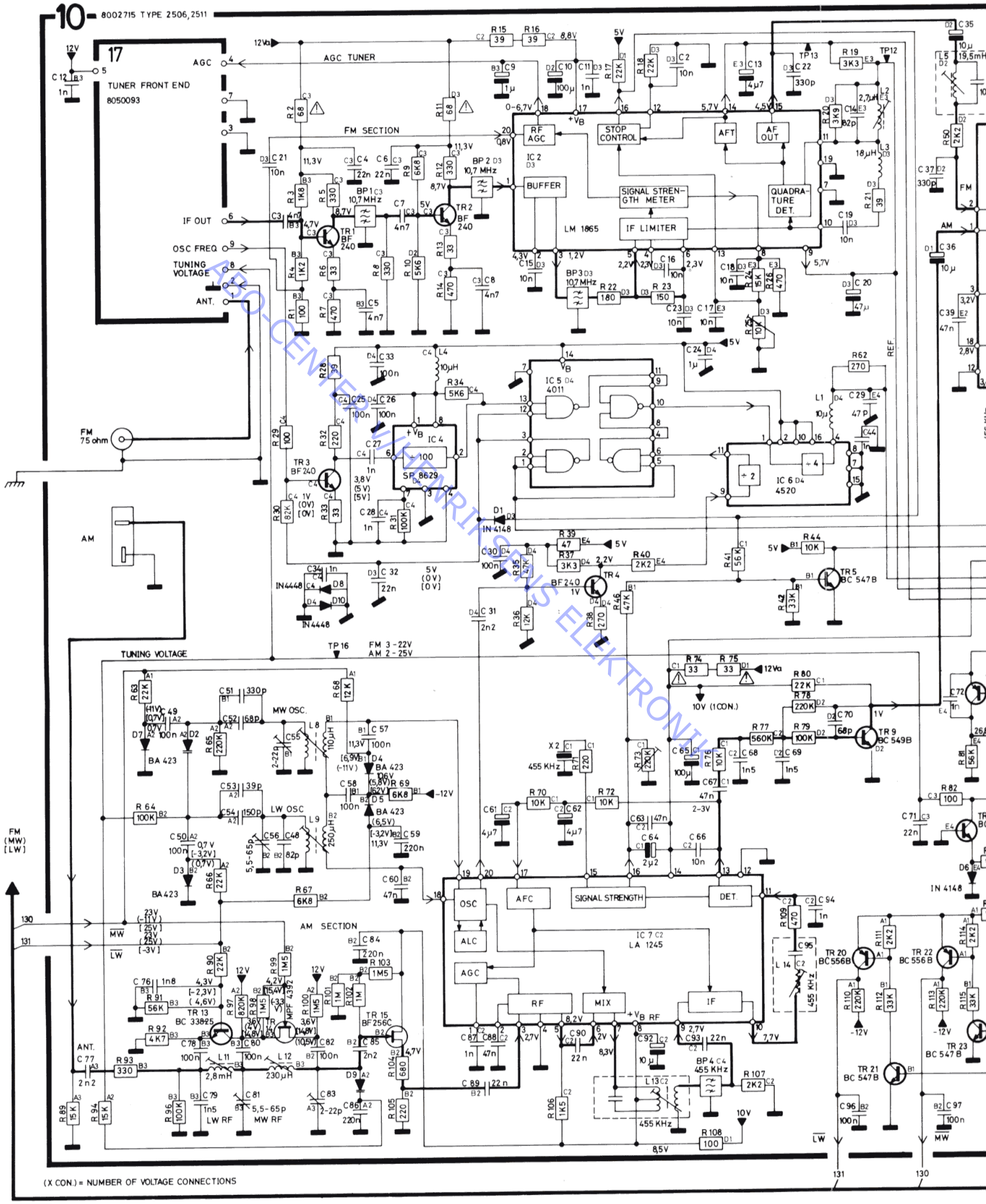


DIAGRAM A (AM-FM, Tuner, IF, Decoder, Type 2506, 2511)



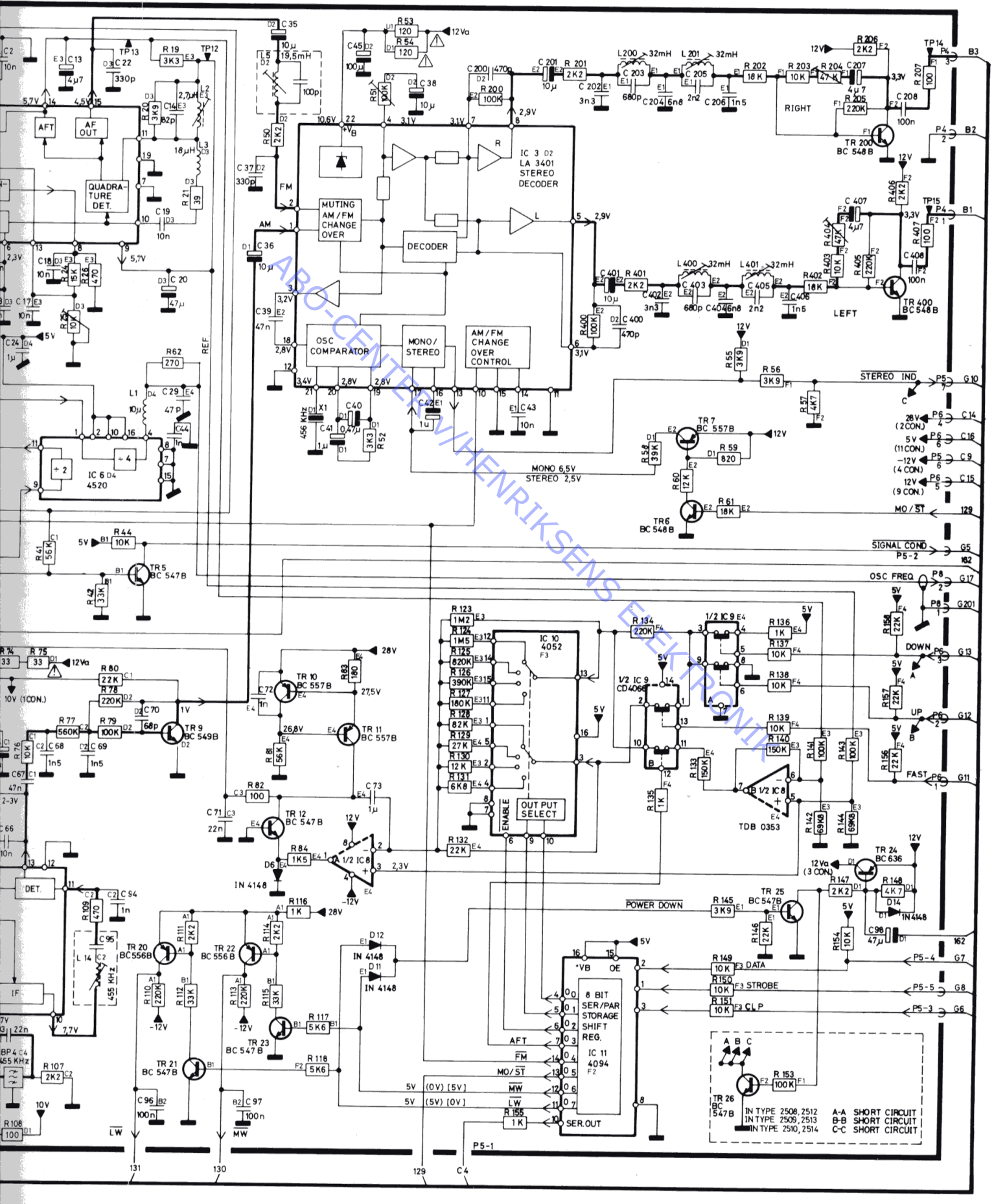
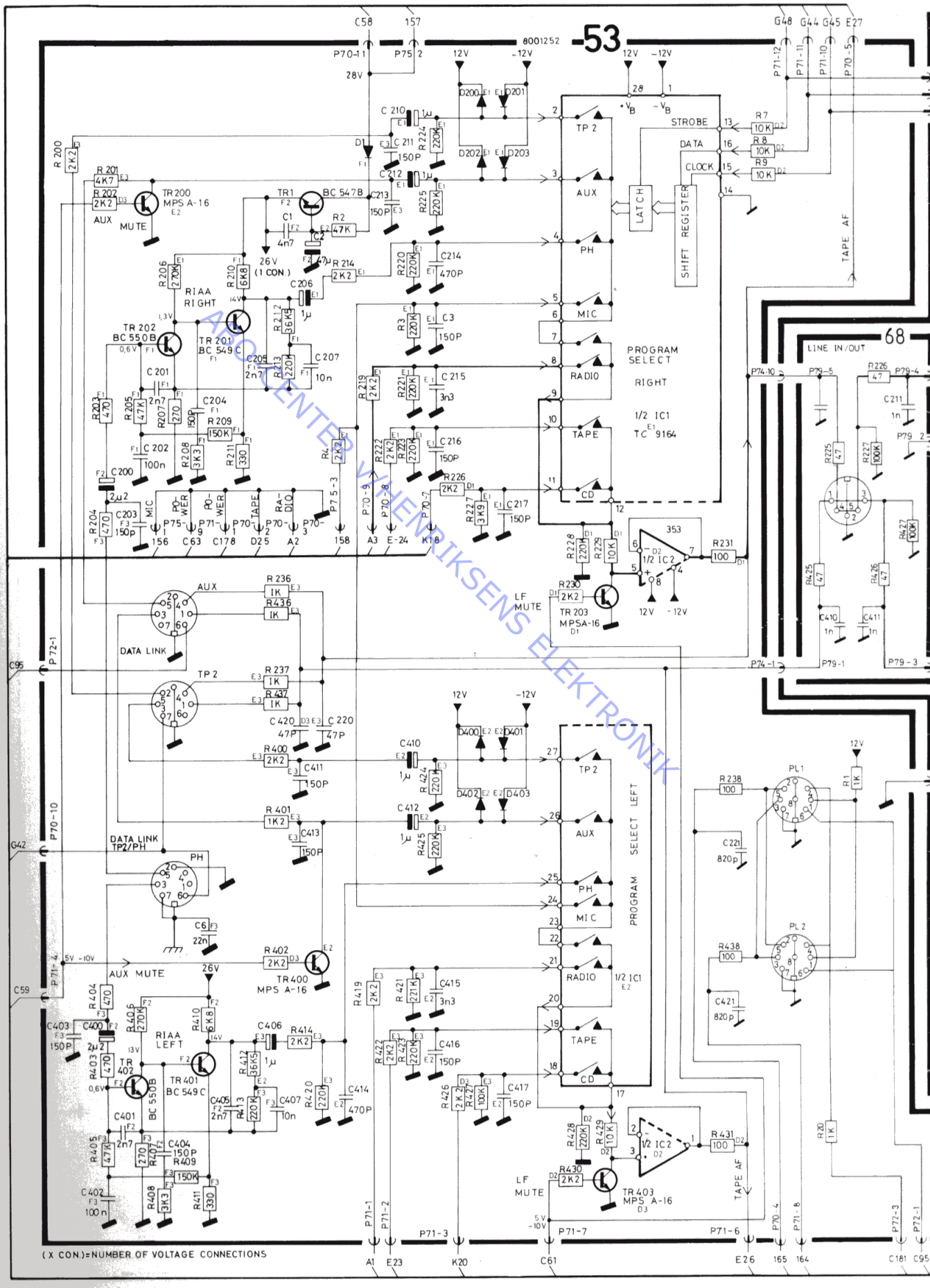


DIAGRAM B (Mic. Ampl., Input Select, Tone and Volume Control)



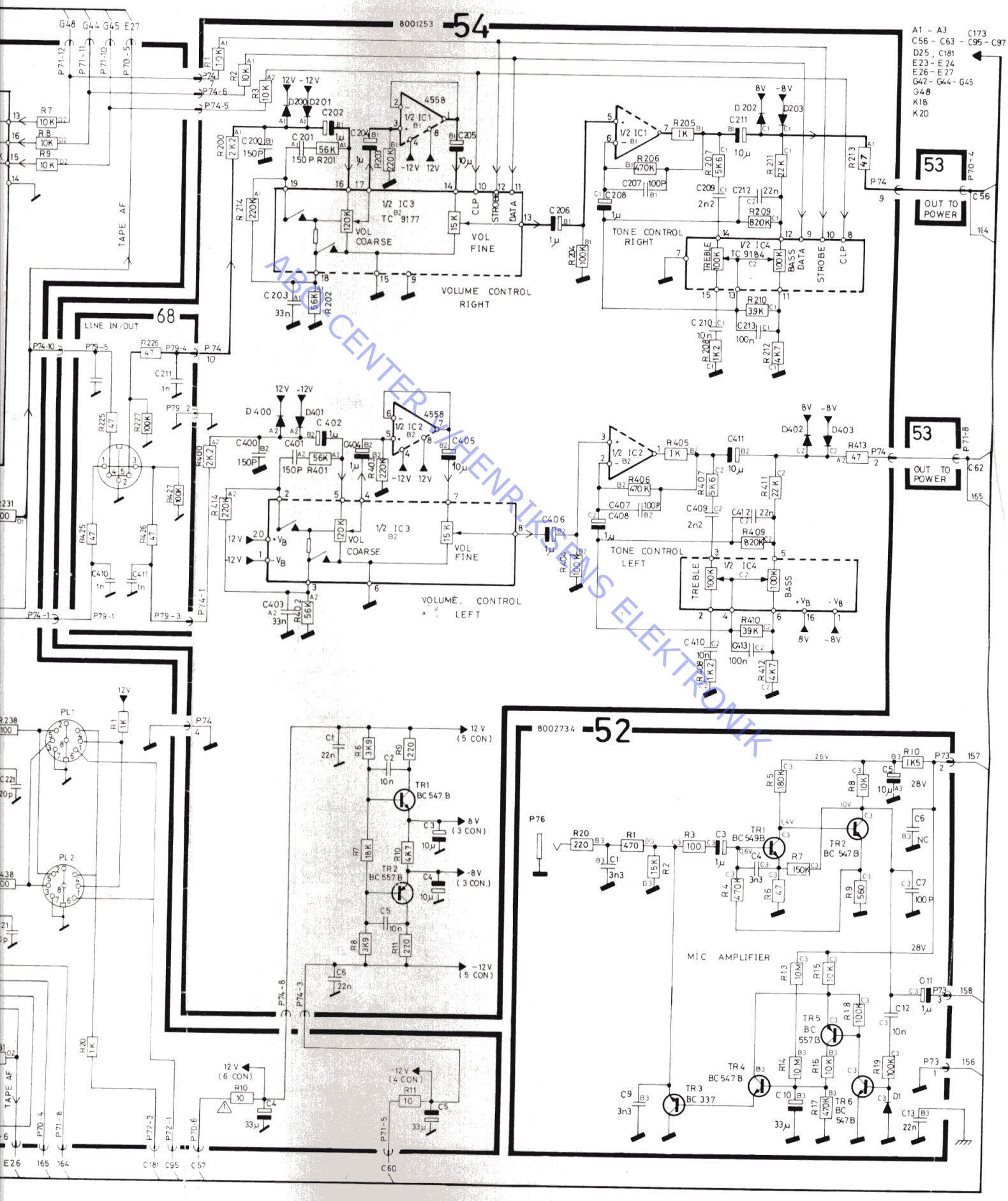
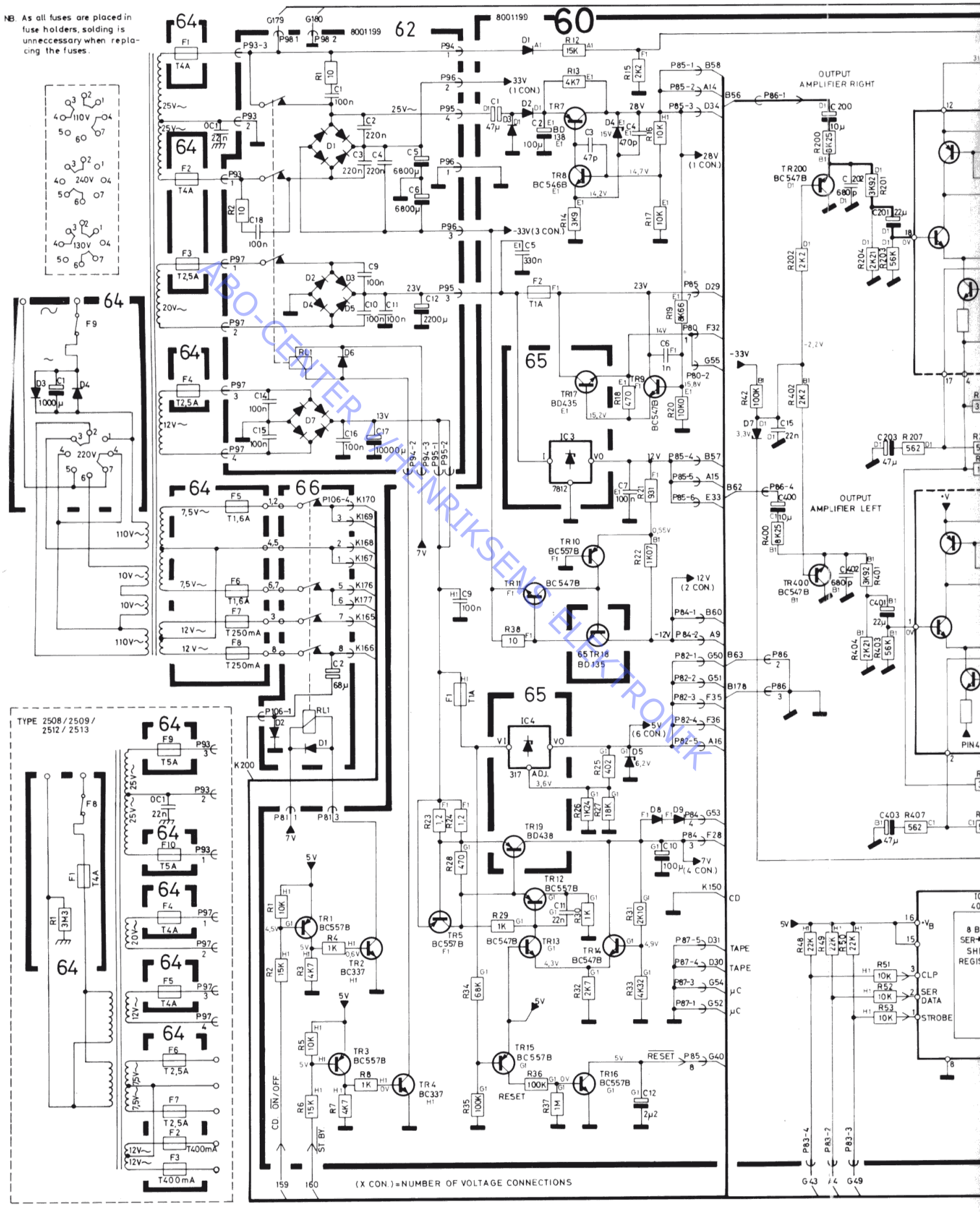

8001253 -54
A1 - A3
C56 - C63 - C95 - C97
C173
D25 , C181
E23 - E24
E26 - E27
G42 - G44 - G45
G48
K18
K20
TAPE AF
VOLUME CONTROL RIGHT
TONE CONTROL RIGHT
OUT TO POWER
LINE IN/OUT
VOLUME CONTROL LEFT
TONE CONTROL LEFT
8002734 -52
MIC AMPLIFIER
TR1 BC 549B
TR2 BC 547B
TR3 BC 337
TR4 BC 547 B
TR5 BC 557B
TR6 BC 547B
TR1 BC 547 B
TR2 BC 557 B
PL1
PL2
ABC-CENTER-VHENRIKSENS ELEKTRONIK

DIAGRAM C (Power Supply and Output Ampl. for 16 bit CD version)



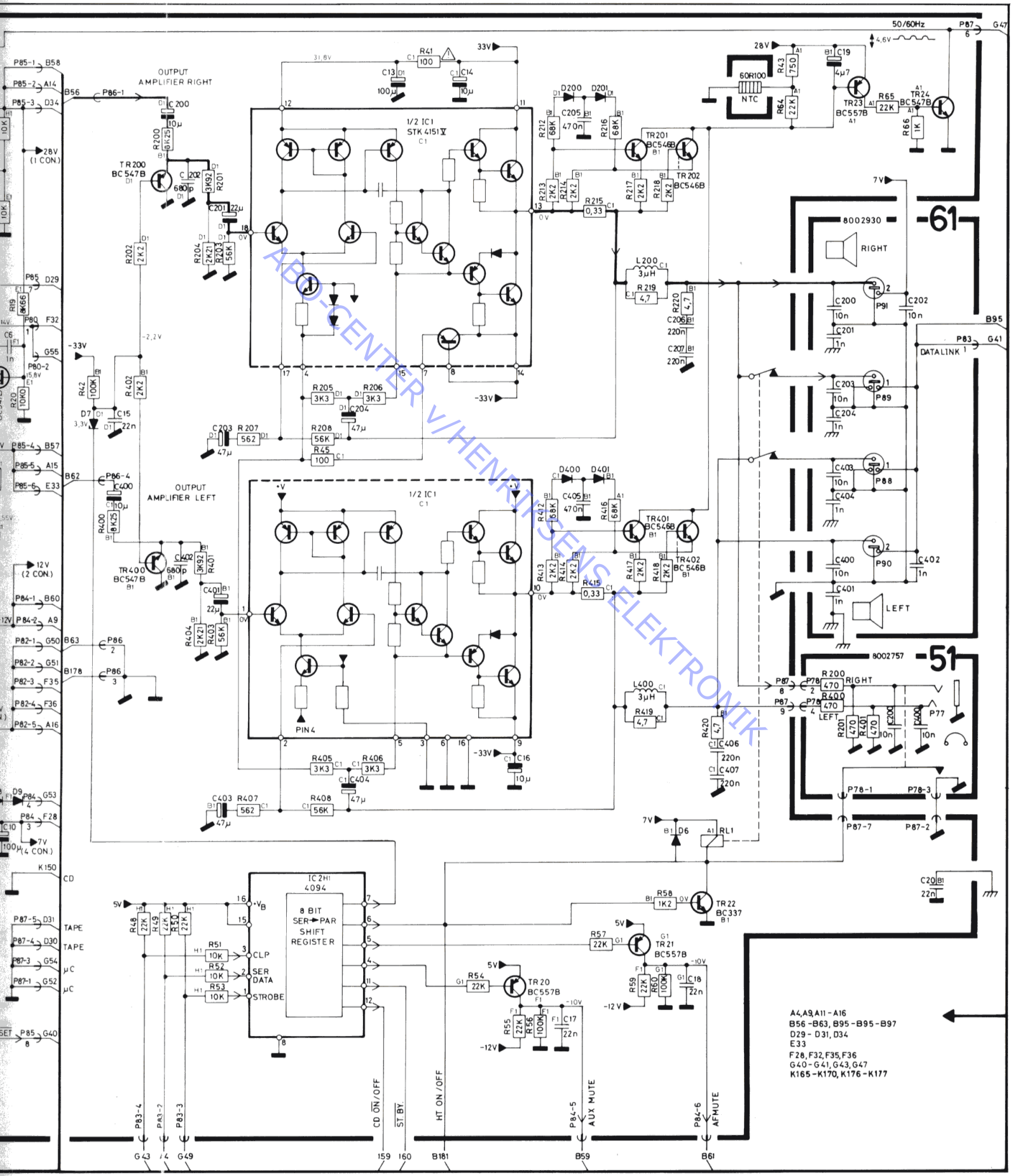
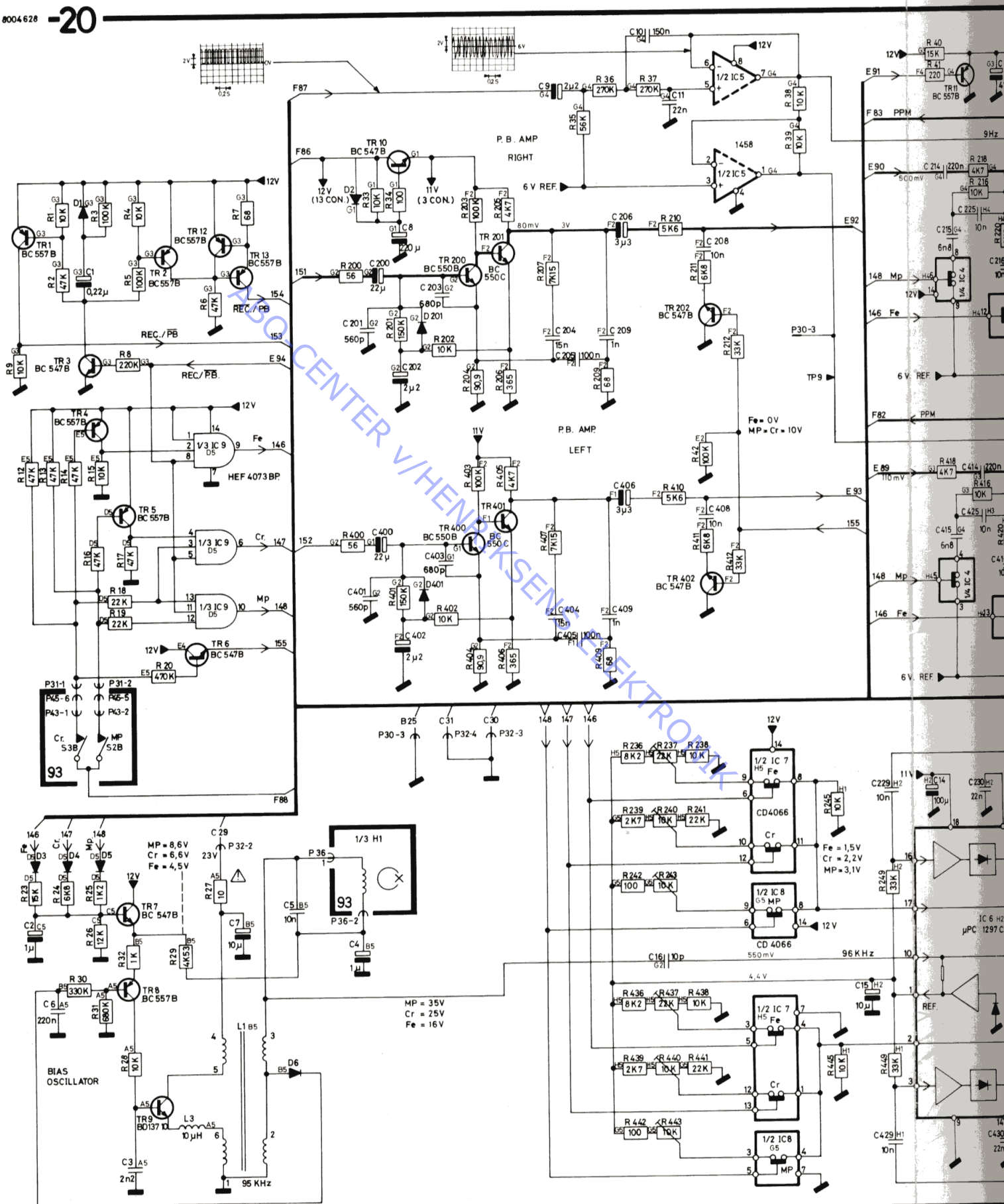


DIAGRAM D (Play Back Ampl., Rec. Ampl., Bias Osc. and HX Pro.)

8004628 -20



(X CON.) = NUMBER OF VOLTAGE CONNECTIONS

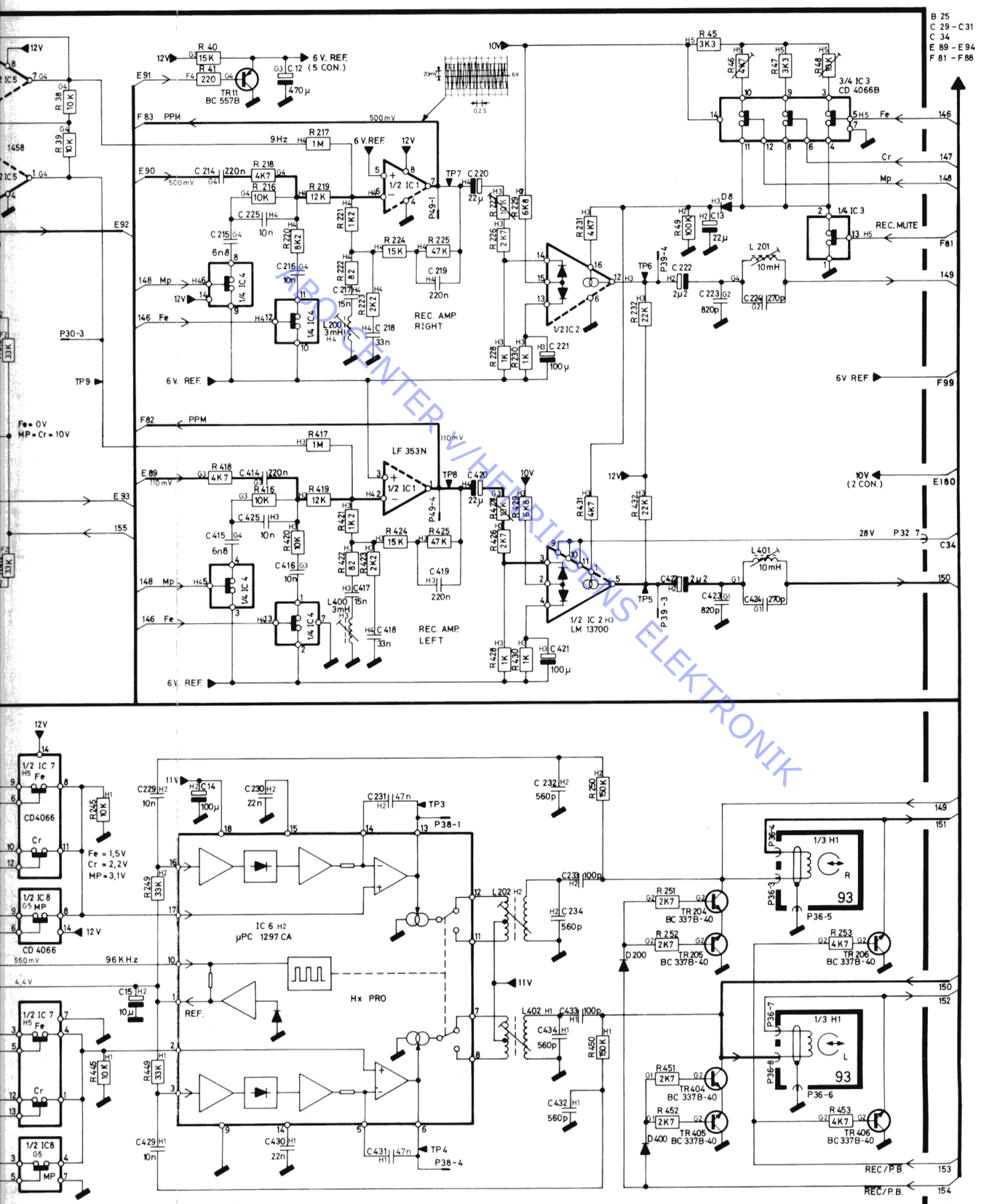
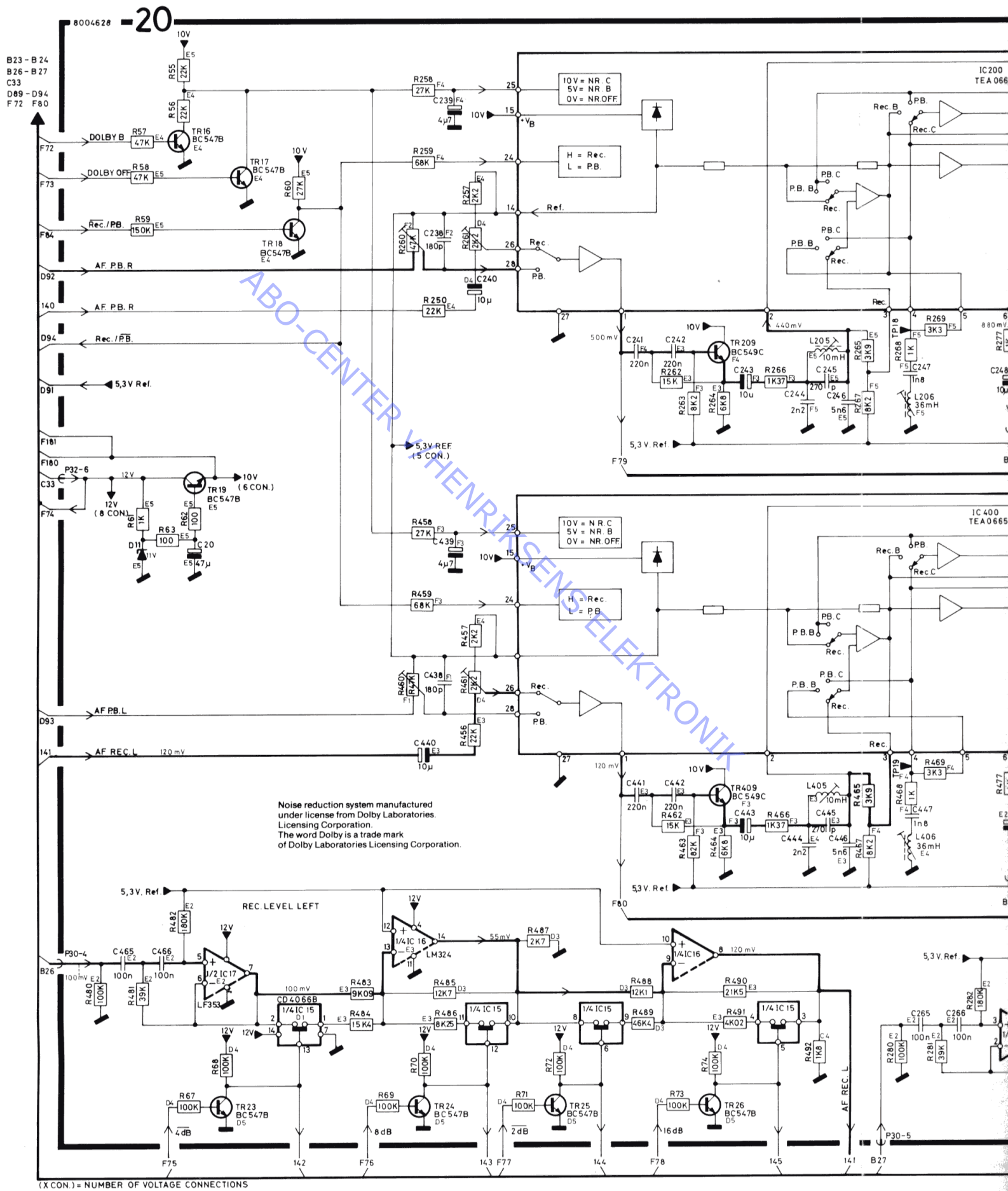


DIAGRAM E (Dolby NR and Rec. Level Adjustment)



(X CON.) = NUMBER OF VOLTAGE CONNECTIONS

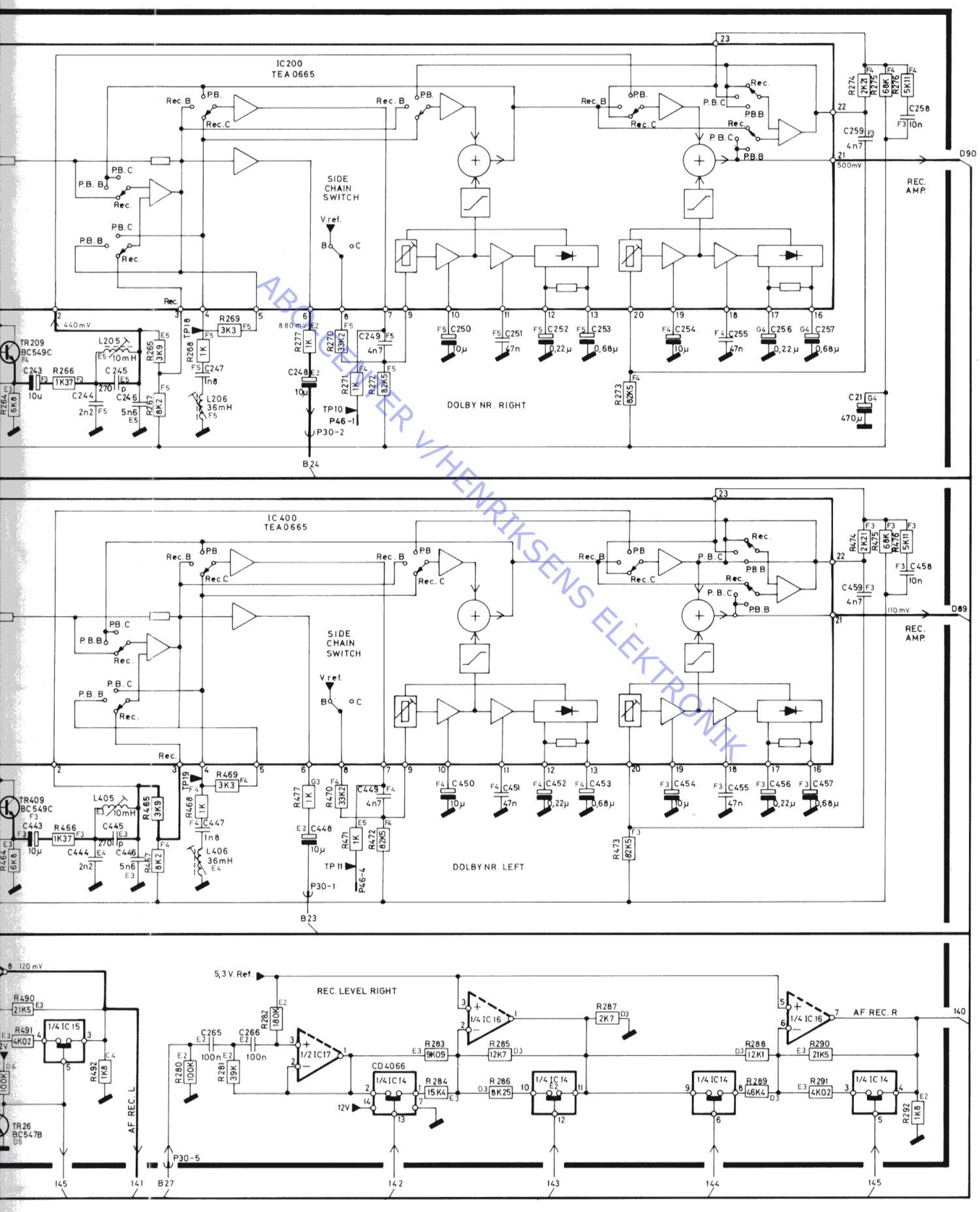
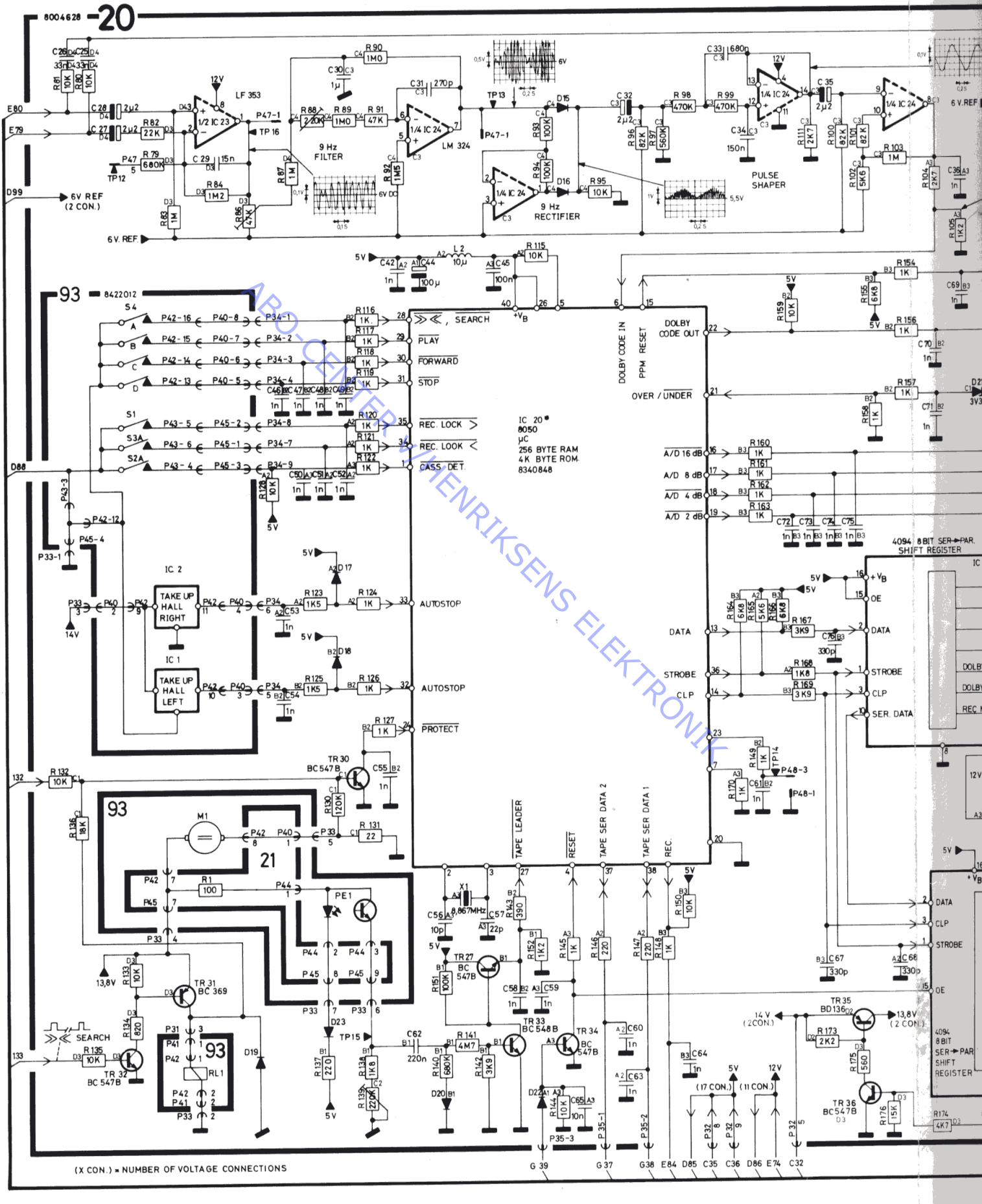


DIAGRAM F (Control for Tape Section)



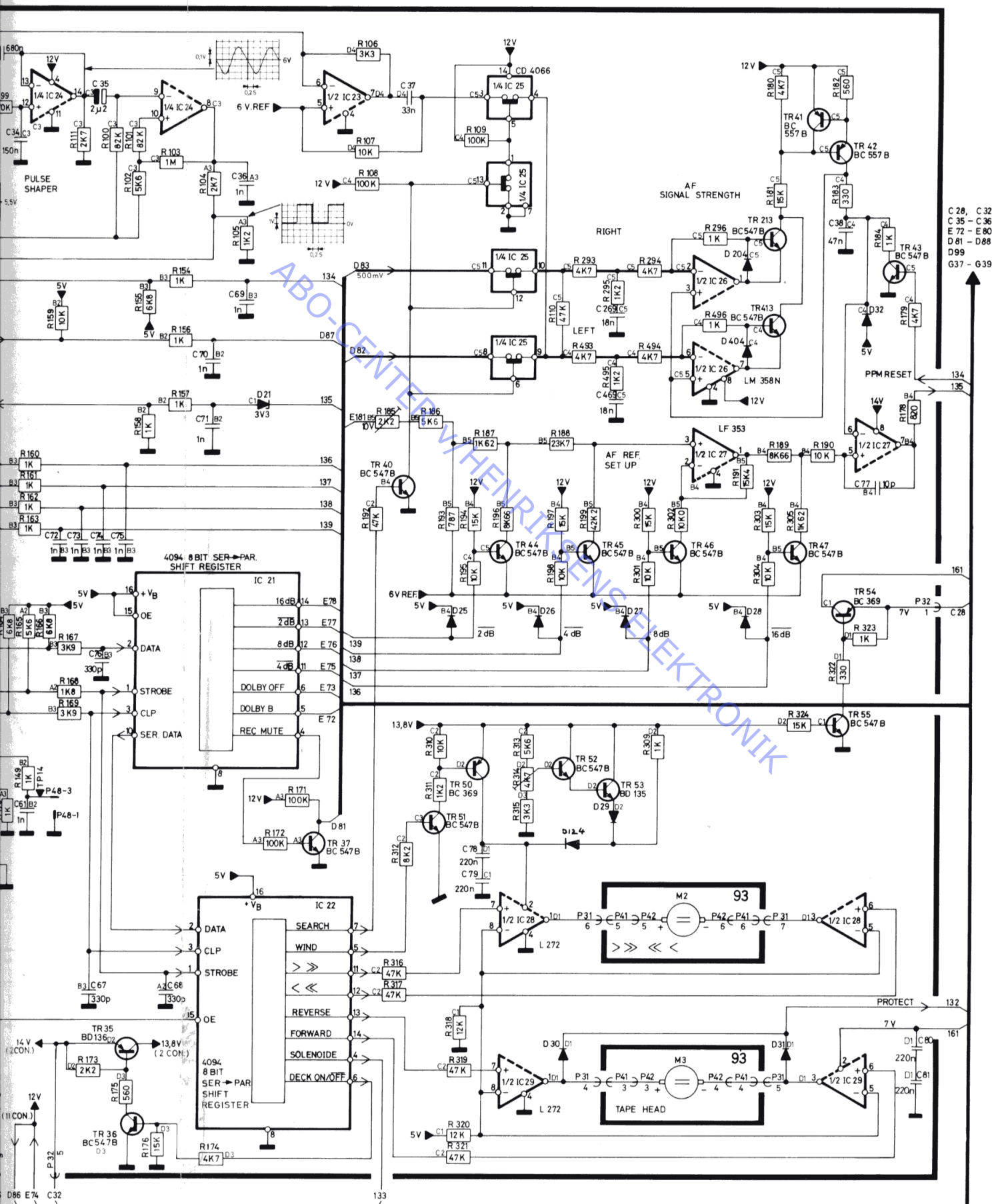
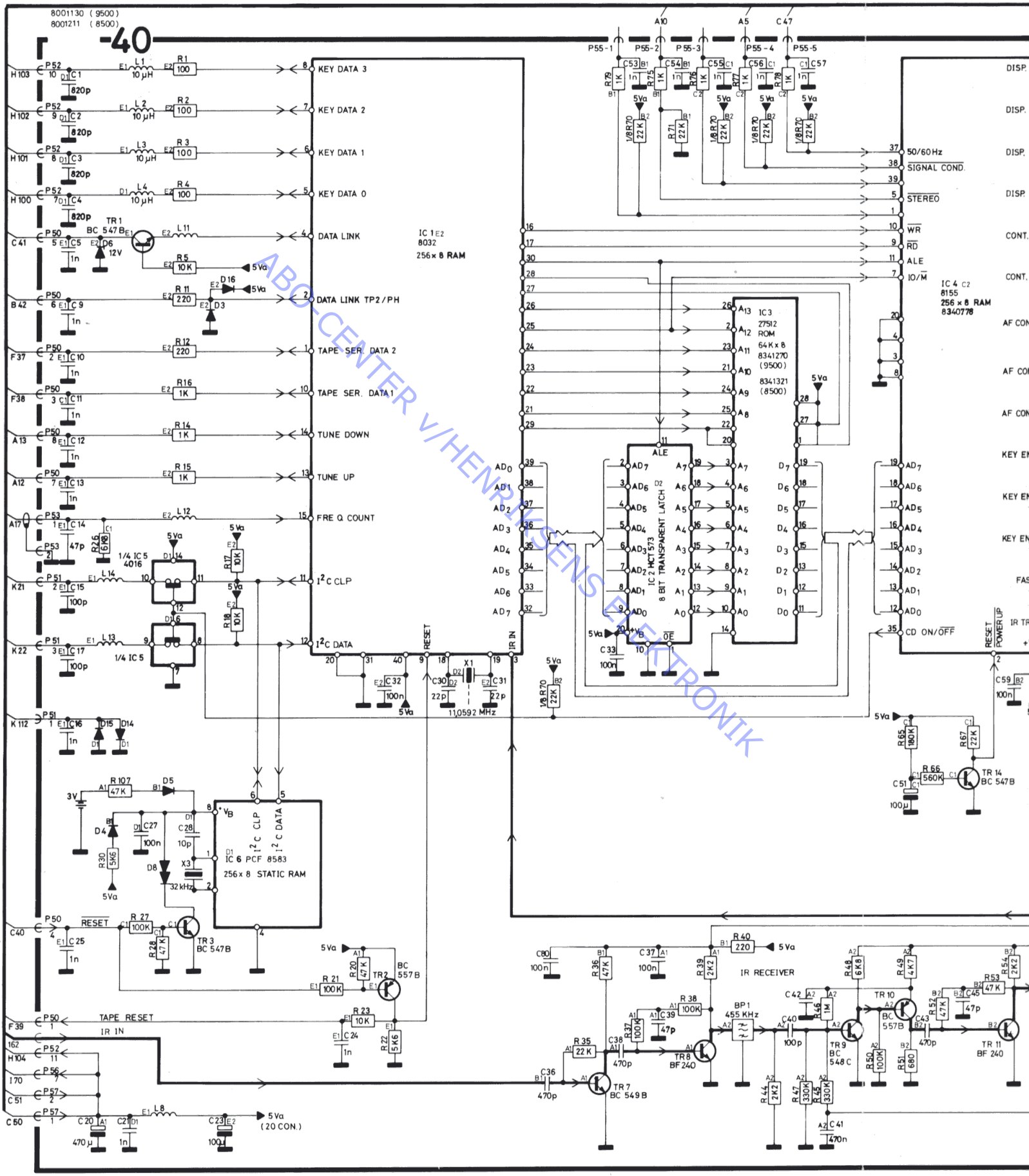

PULSE SHAPER
6 V.REF
AF SIGNAL STRENGTH
RIGHT
LEFT
AF REF. SET UP
PPM RESET
LF 353
LM 358N
4094 8 BIT SER→PAR. SHIFT REGISTER
IC 21
DATA
CLP
STROBE
SER. DATA
DOLBY OFF
DOLBY B
REC. MUTE
IC 22
SEARCH
WIND
REVERSE
FORWARD
SOLENOIDE
DECK ON/OFF
4094 8 BIT SER→PAR SHIFT REGISTER
TAPE HEAD
PROTECT
L 272
TR 35 BD136
TR 36 BC547B
TR 37 BC 547B
TR 40 BC 547B
TR 41 BC 557 B
TR 42 BC 557 B
TR 43 BC 547 B
TR 44 BC 547 B
TR 45 BC 547 B
TR 46 BC 547 B
TR 47 BC 547 B
TR 50 BC 369
TR 51 BC 547 B
TR 52 BC 547 B
TR 53 BD 135
TR 54 BC 369
TR 55 BC 547 B
TR 213 BC547B
TR413 BC 547B
ABO-CENTER WHENRIKSENELEKTRONIK

DIAGRAM G (System Control and IR Transceiver)



Bang & Olufsen

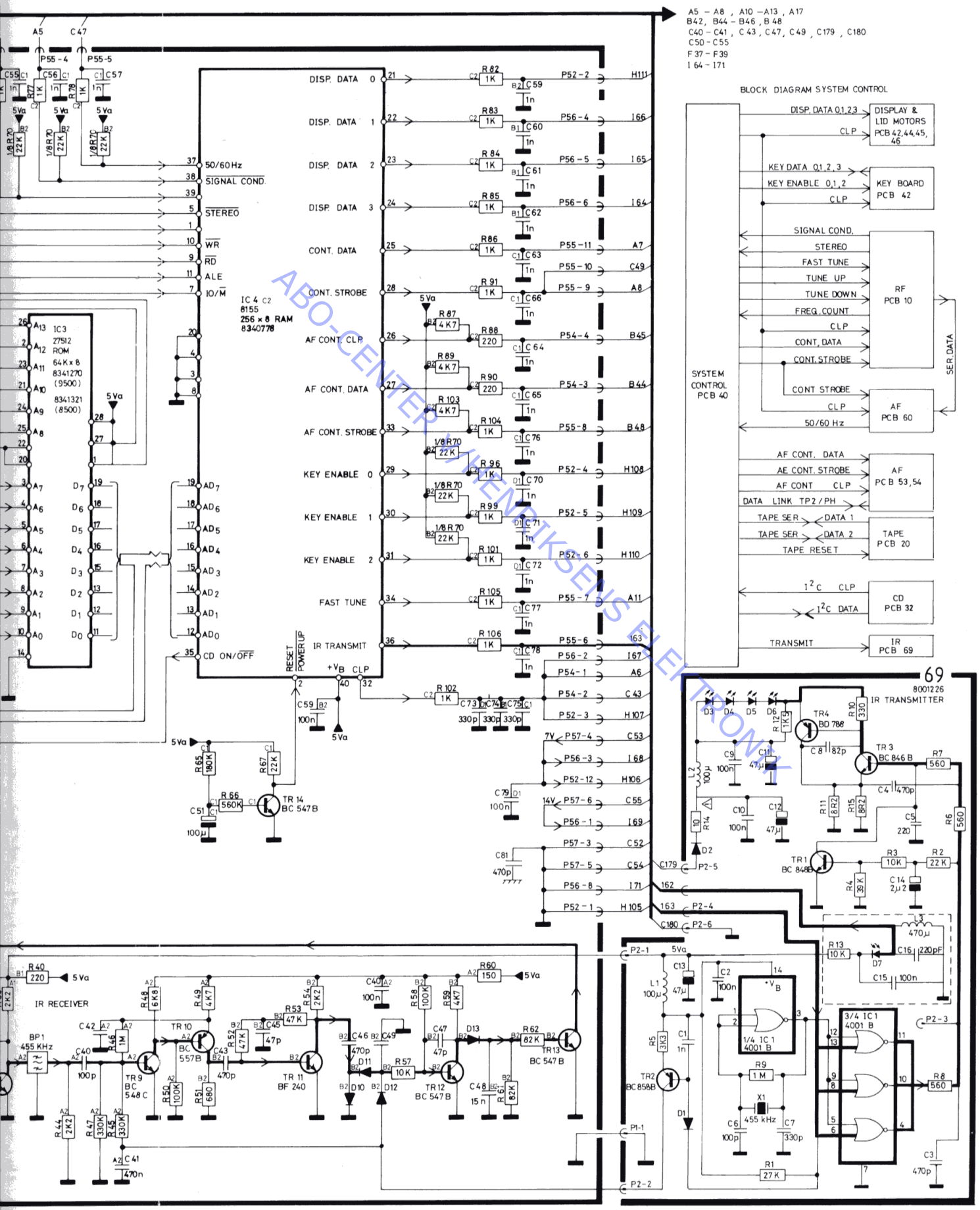
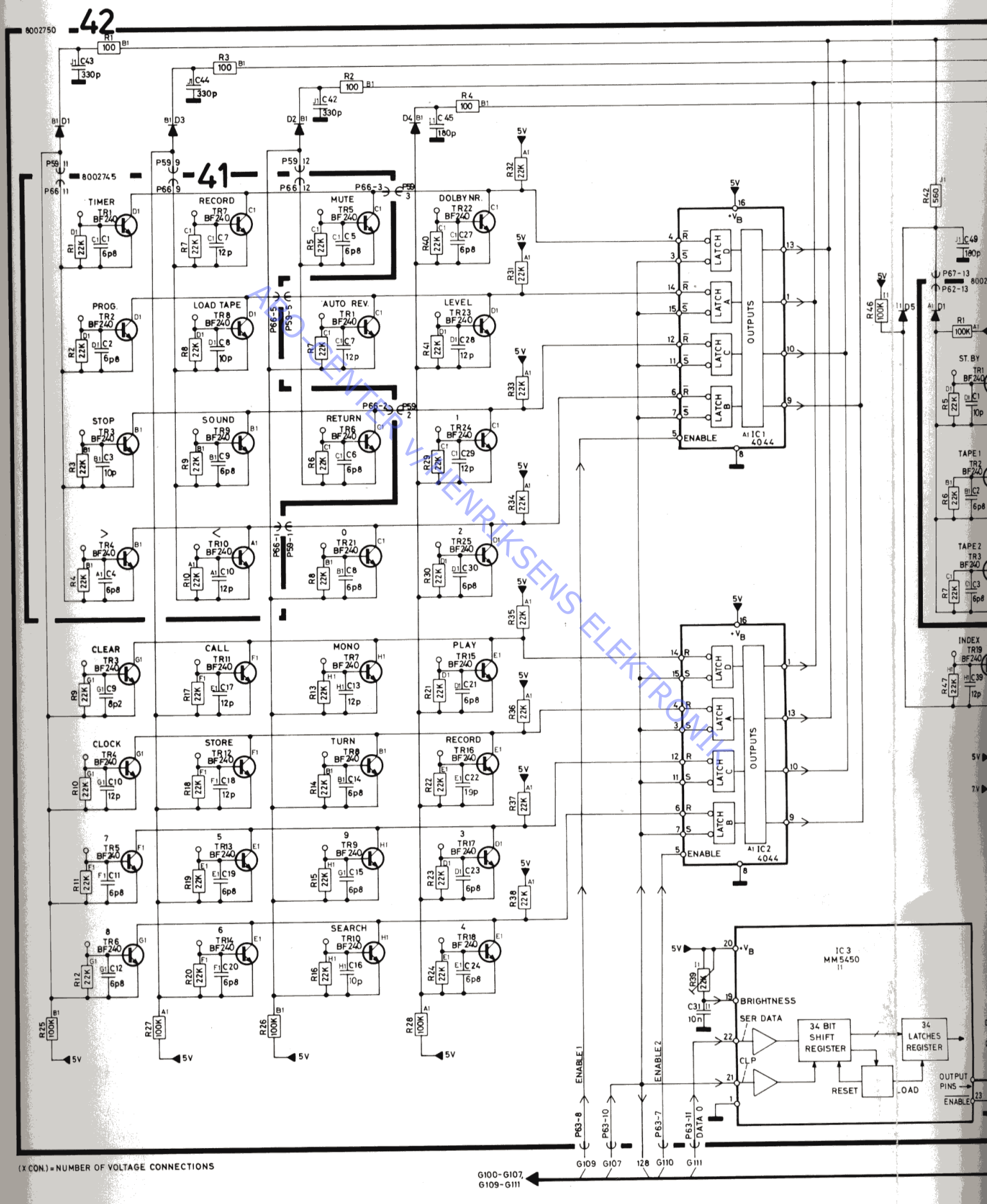


DIAGRAM H (Key Board and Lower Display)



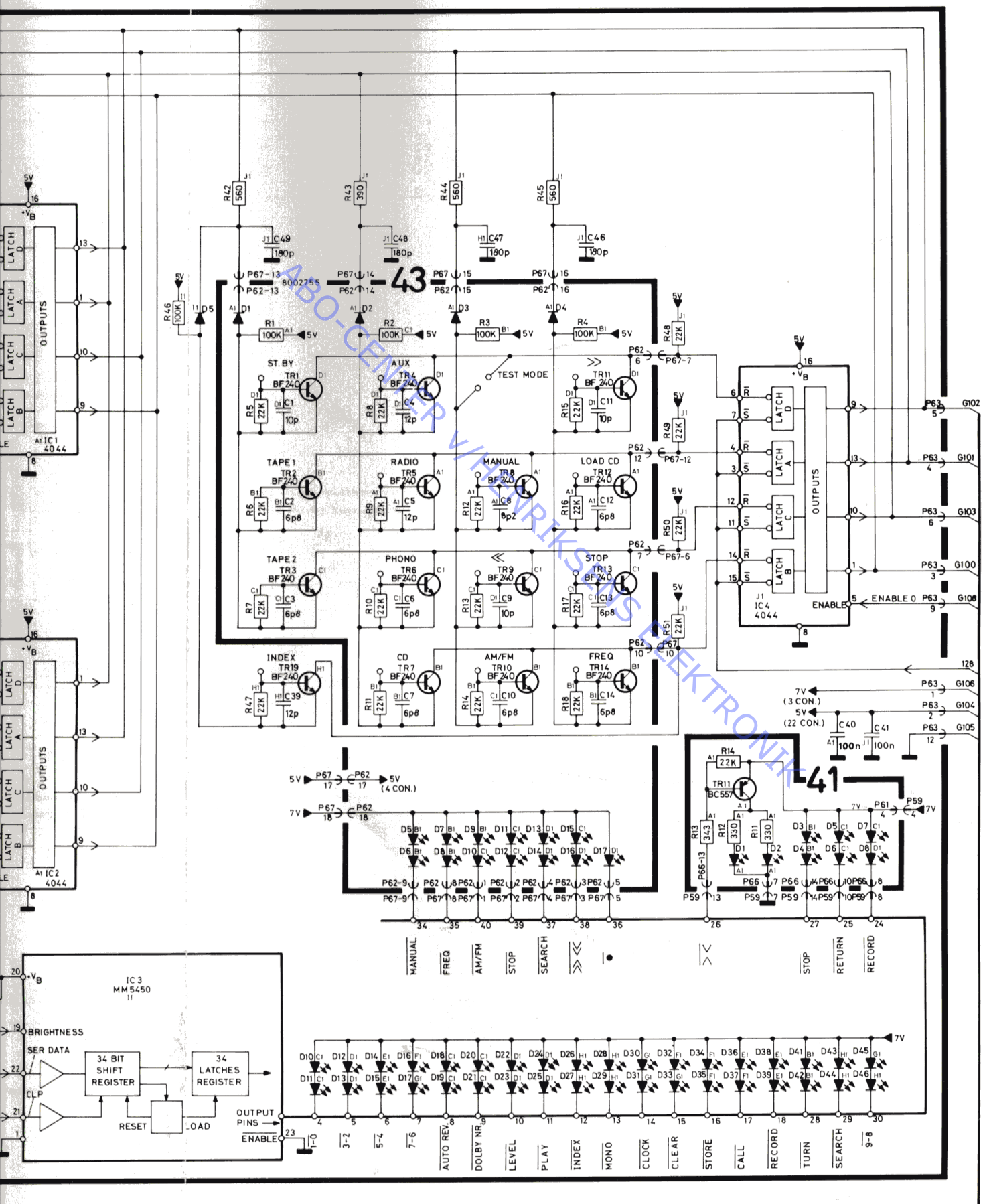
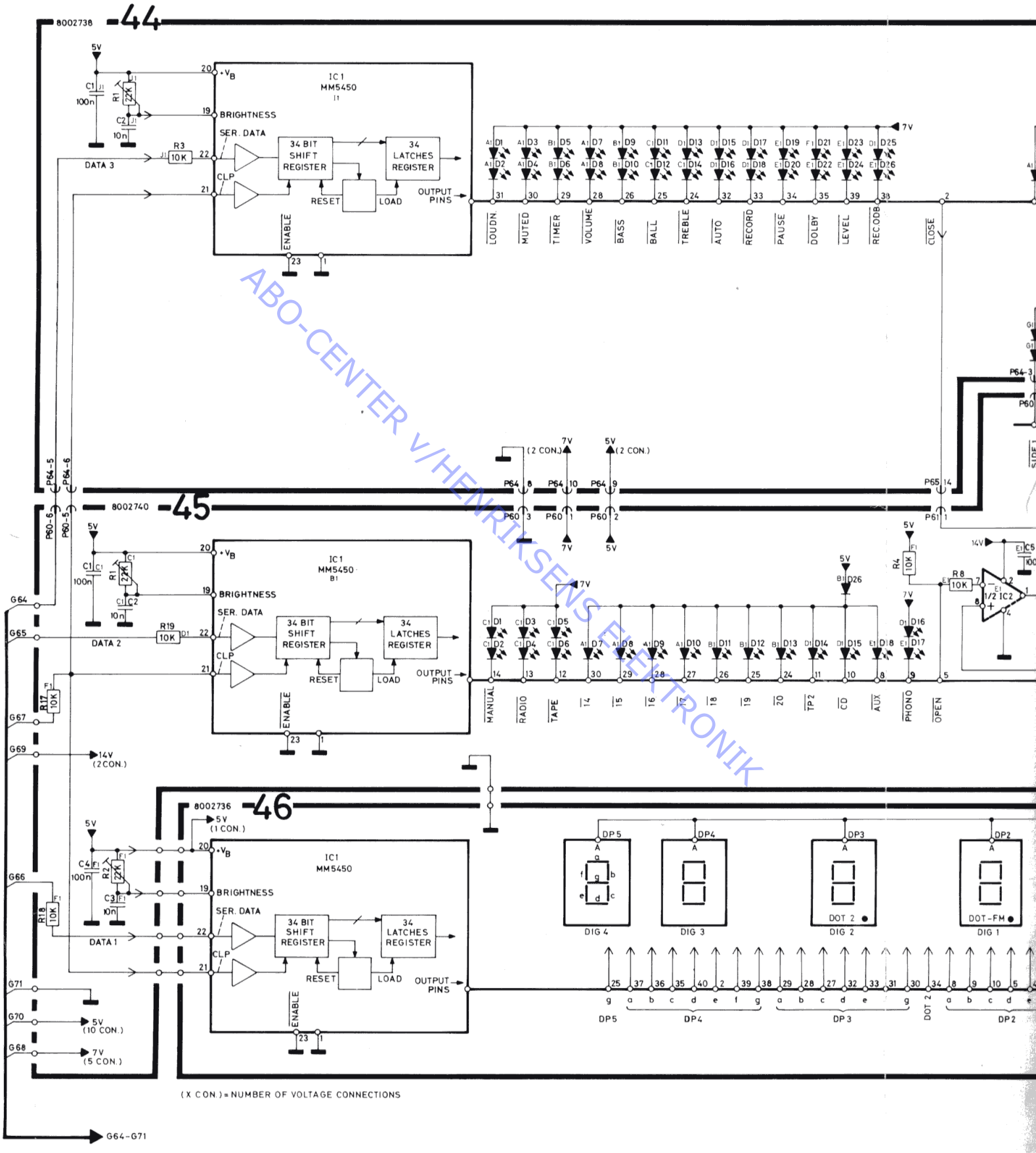


DIAGRAM I (Upper Display)



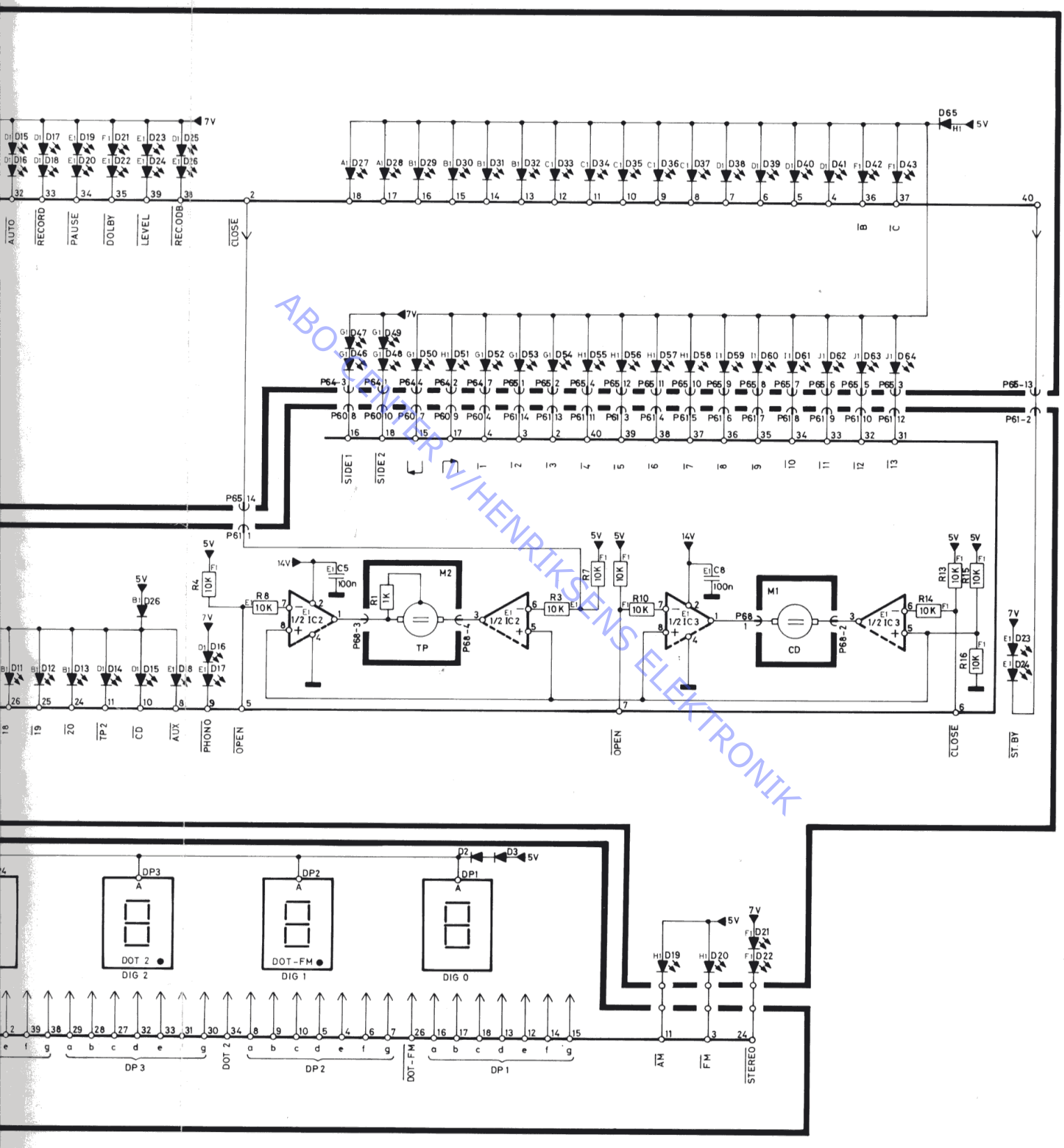
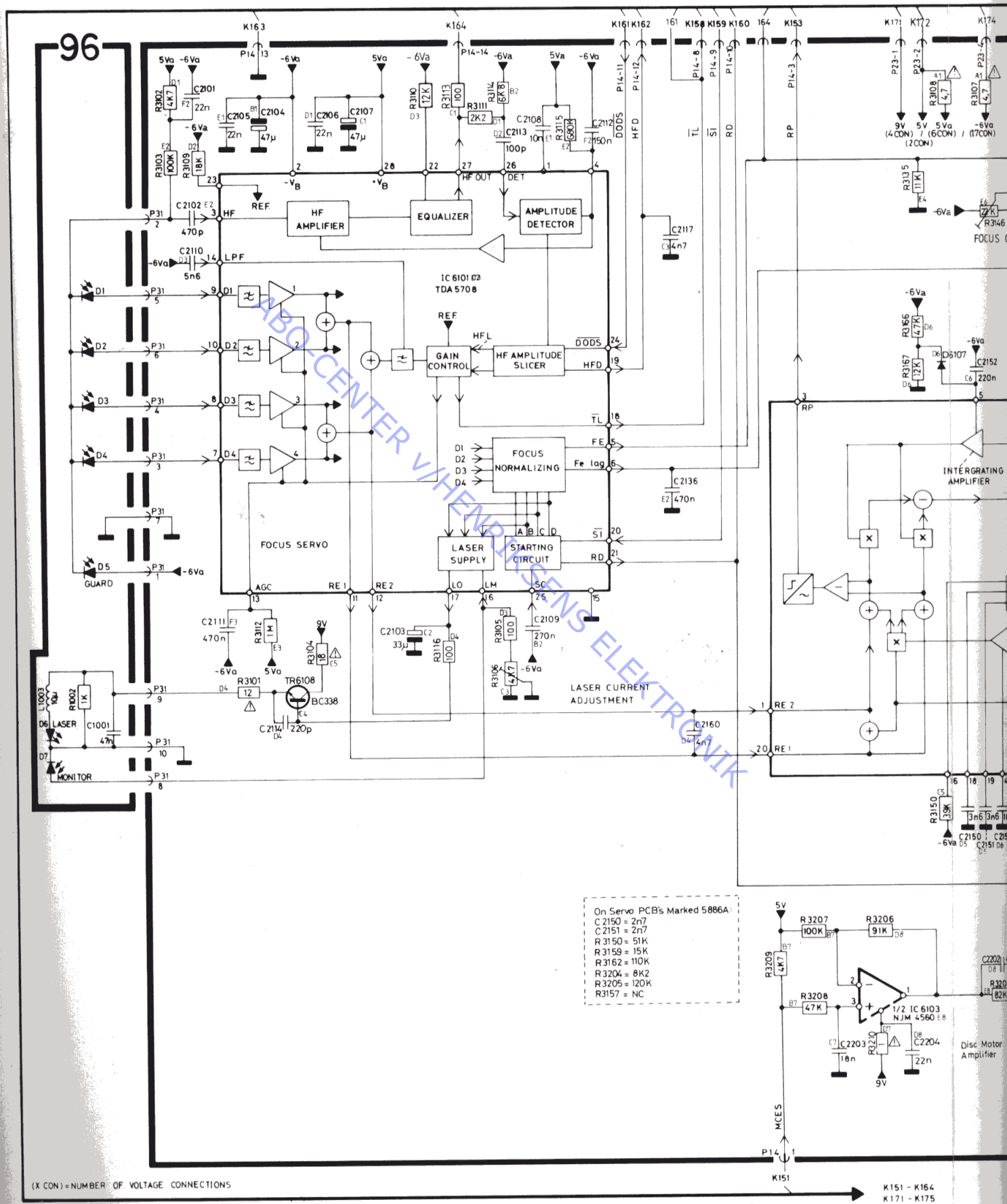


DIAGRAM J (Servo Disc Motor System)



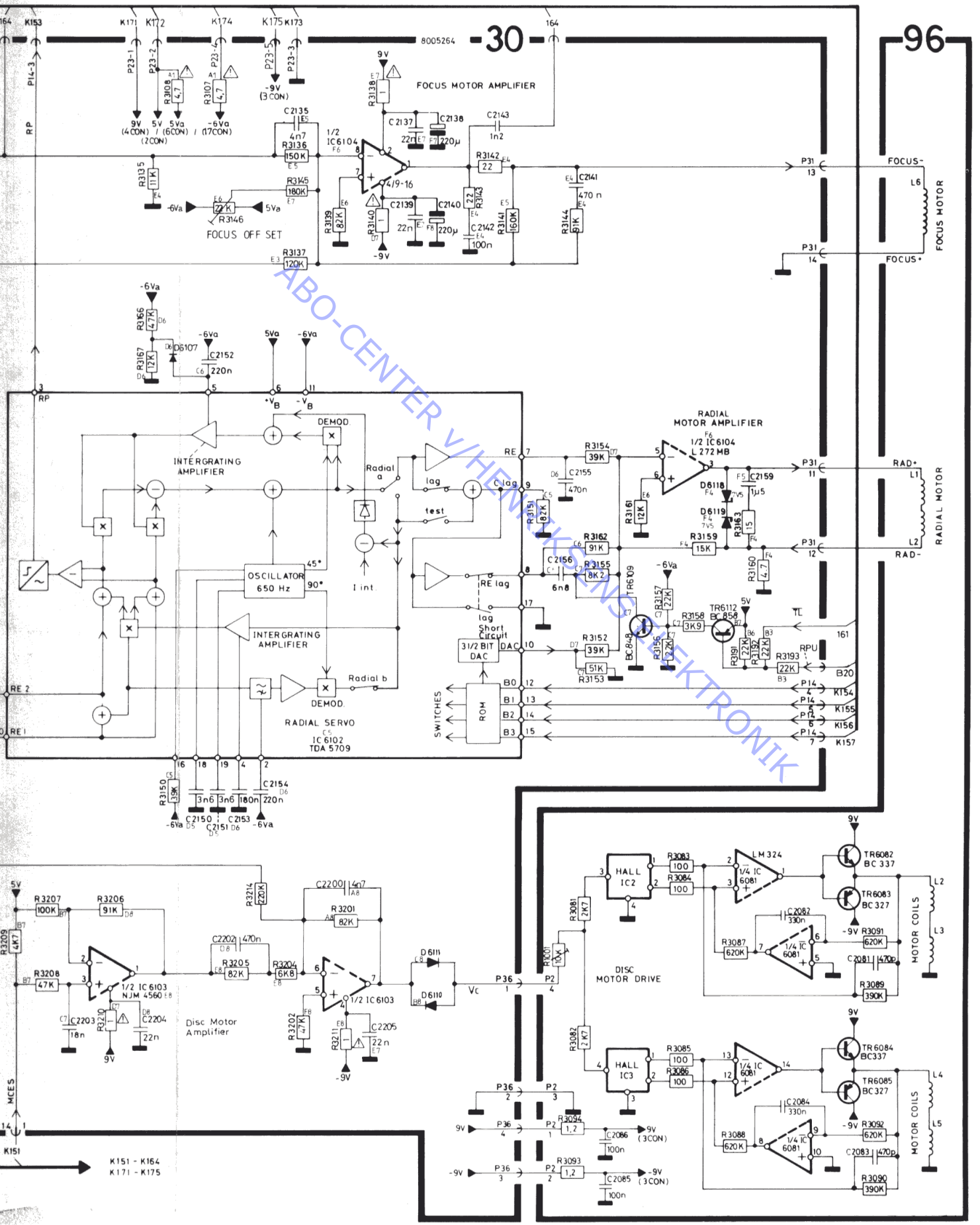
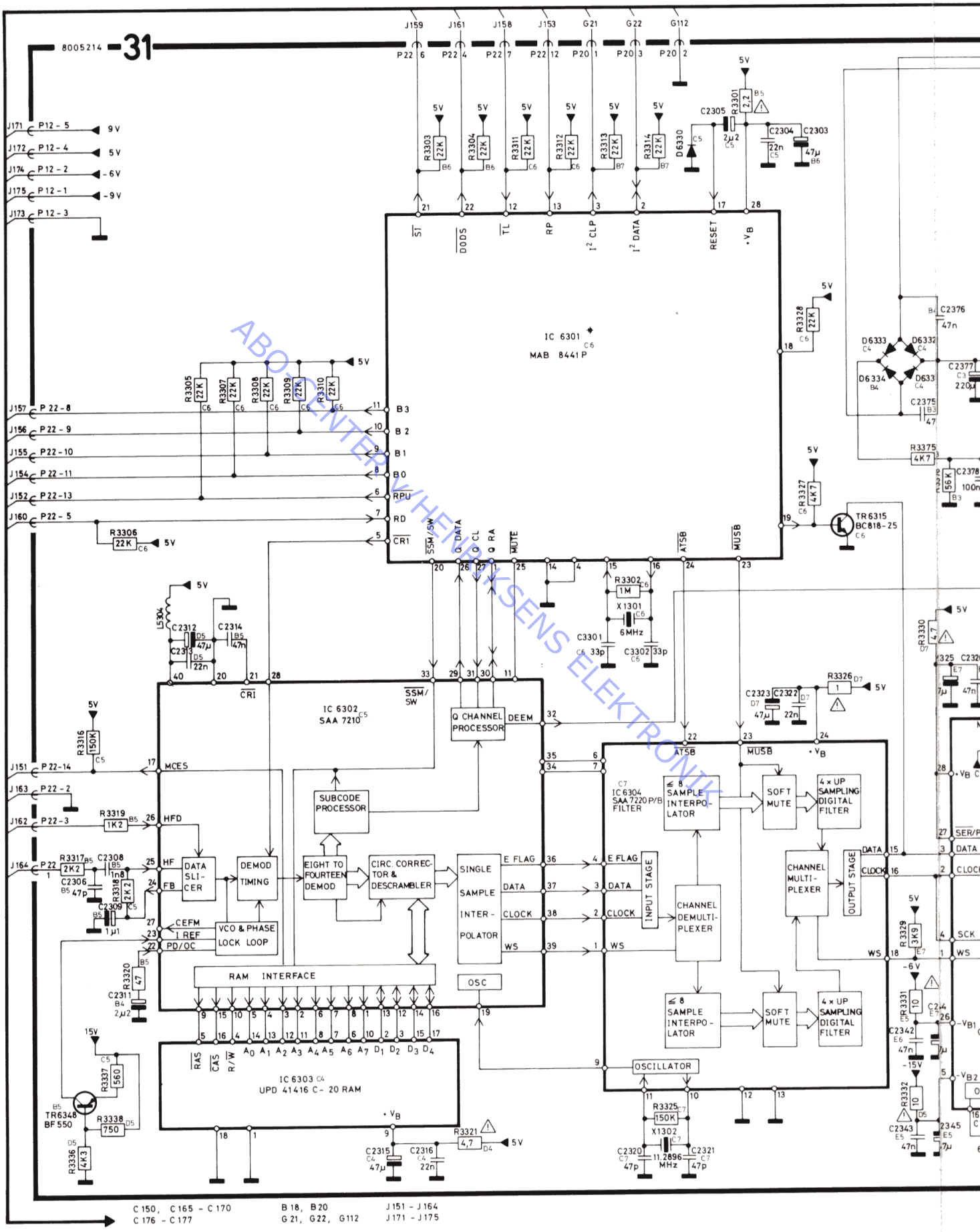
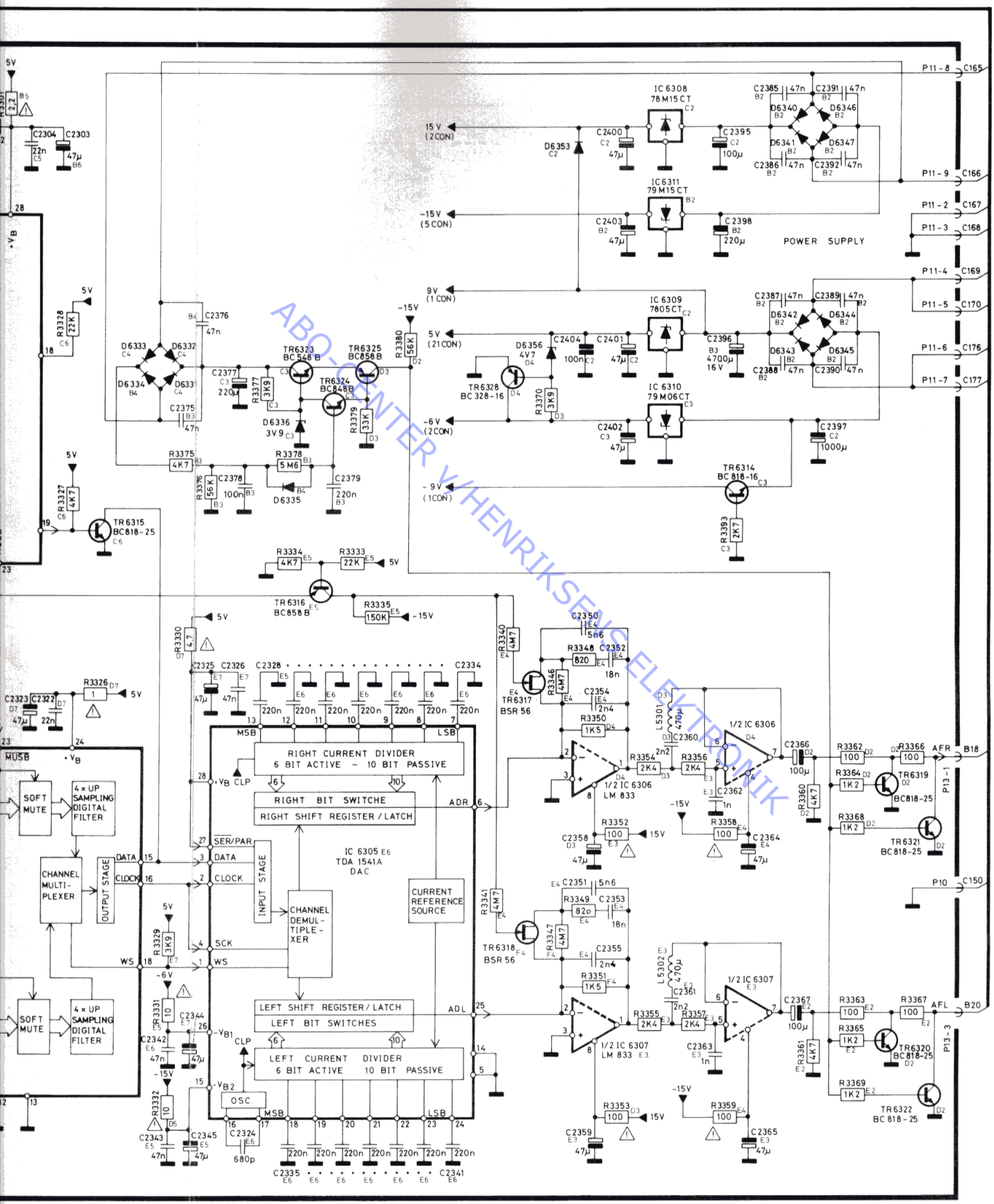


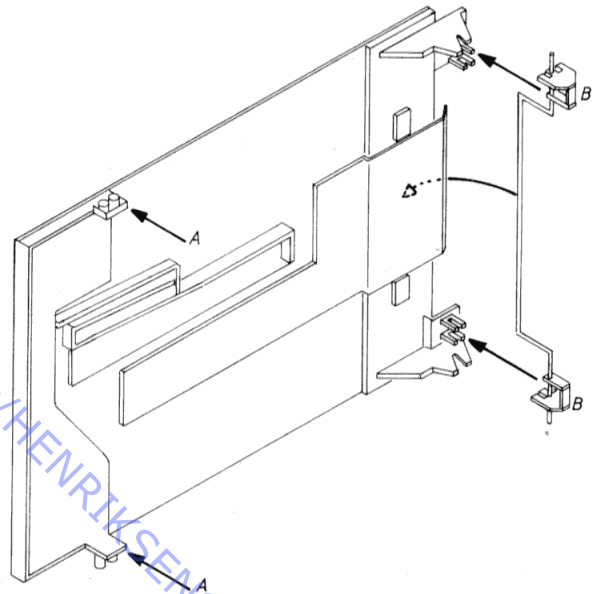
DIAGRAM K (Decoder)





...es Deckels über CD und TAPE

Remplacement du couvercle recouvrant le disque laser et la cassette.



Das Gerät wird in Serviceposition gebracht. Den Deckel öffnen und die Kunststoffkappe unter dem Deckel entnehmen (4 Kunststoffklammern (TAPE), oder 4 Stck. Schrauben (CD)). Den Deckel auf ungefähr 80% schließen (dazu Deckelachse drehen). Die beiden Gleitführungen an den Pfeilen A werden aus den Laufschienen gehoben.
Der Deckel wird nach links gezogen.
Der Deckel wird aus den Verriegelungen B gehoben und ist jetzt abnehmbar.
Der Deckel für TAPE wird auf dieselbe Weise abgenommen.

Amener l'appareil en position de maintenance.
Ouvrir le couvercle et enlever le cache en plastique situé en dessous (4 agrafes plastiques (la cassette), ou les 4 vis (la disque laser)). Fermer le couvercle à 80% env. (cette opération peut s'effectuer en tournant l'axe du couvercle).
Sortir les deux guides du rail au niveau des flèches A. Tirer le couvercle vers la gauche.
Dégager le couvercle des verrous B. Il est alors possible de le déposer.
Enlever de la même manière le couvercle de la cassette.

Seiltrieb

Der Seiltrieb des einzelnen Deckels besteht aus zwei Seilen mit einer Länge von ca. 50 cm.

- Die Verschlüsse B am Deckel festdrücken.
- Am Ende des Seils einen Knoten machen. Anschließend das Seil in der Nut am Verschluß anbringen. Das Seil, wie in der Zeichnung dargestellt, führen.

- Der federbelastete Hebel muß parallel zum Chassis sein. Die Federn müssen im mittleren der drei Löcher angeordnet sein.

L'enrouleur de cordon

L'enrouleur de cordon de chaque couvercle comprend 2 cordons d'environ 50 cm chacun.

- Bloquer les verrous B dans le couvercle.
- Faire un noeud sur l'extrémité du cordon. Insérer ensuite le cordon dans la rainure du verrou. Dérouler le cordon selon les indication du schéma.
- Le bras commandé par ressort doit être parallèle au châssis. Les ressorts doivent être installé dans celui des 3 orifices qui se trouve au milieu.