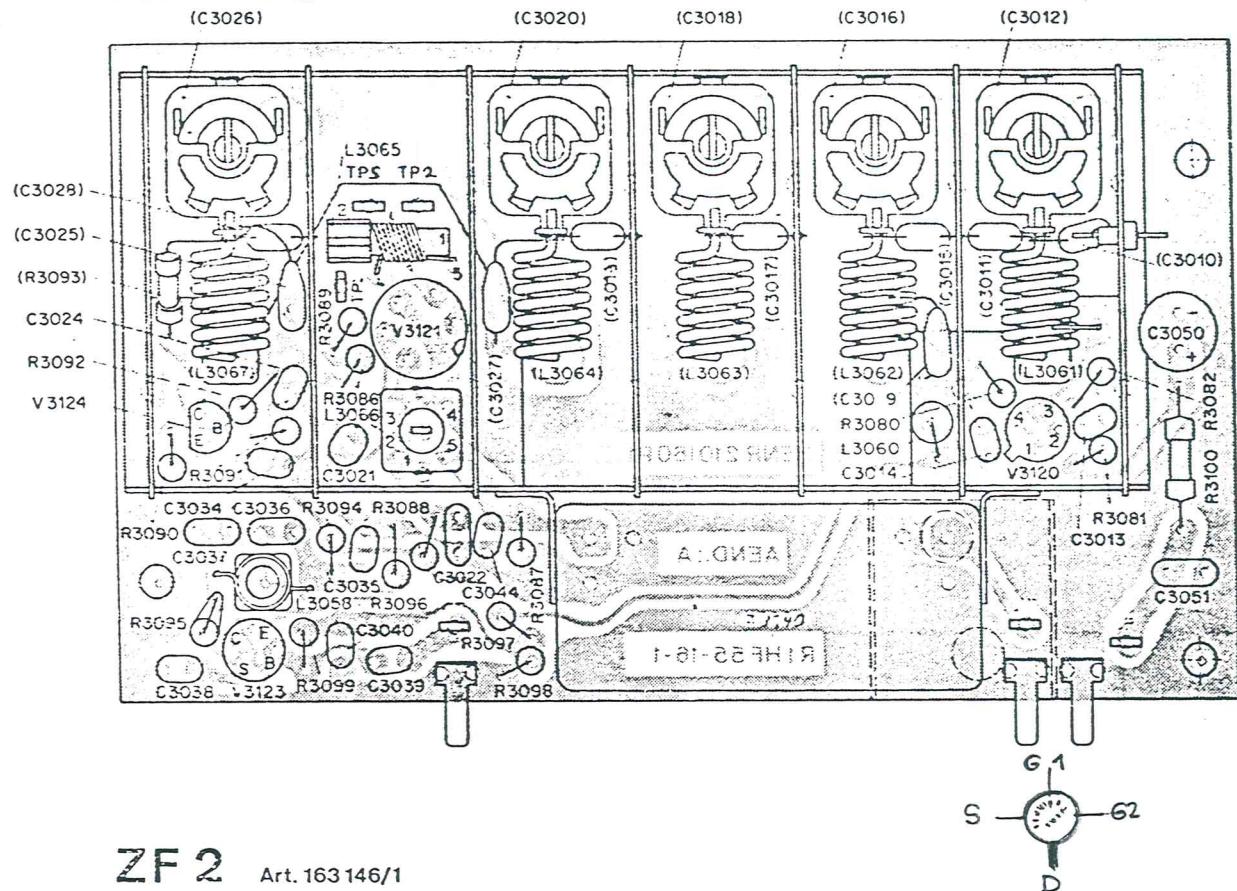
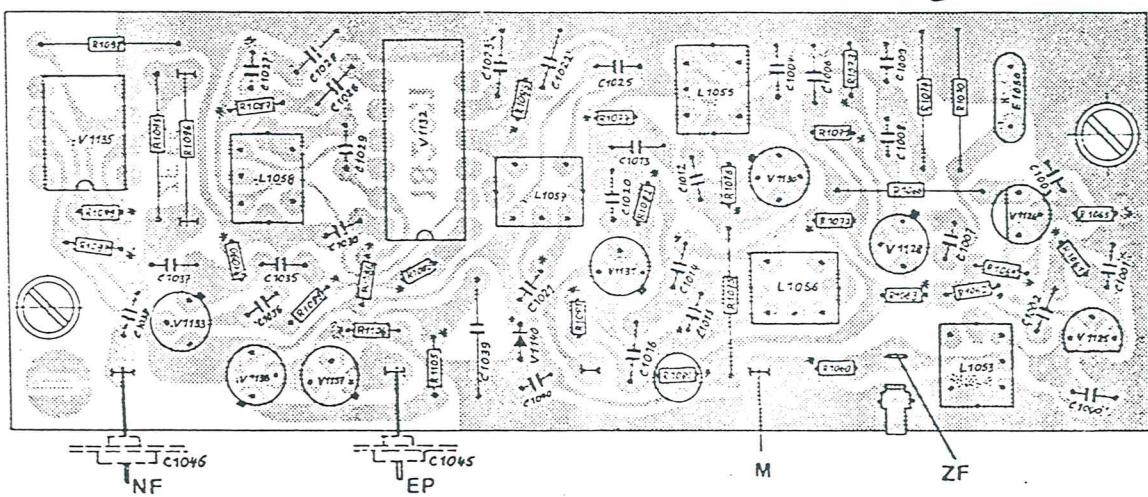


7. Leiterbilder

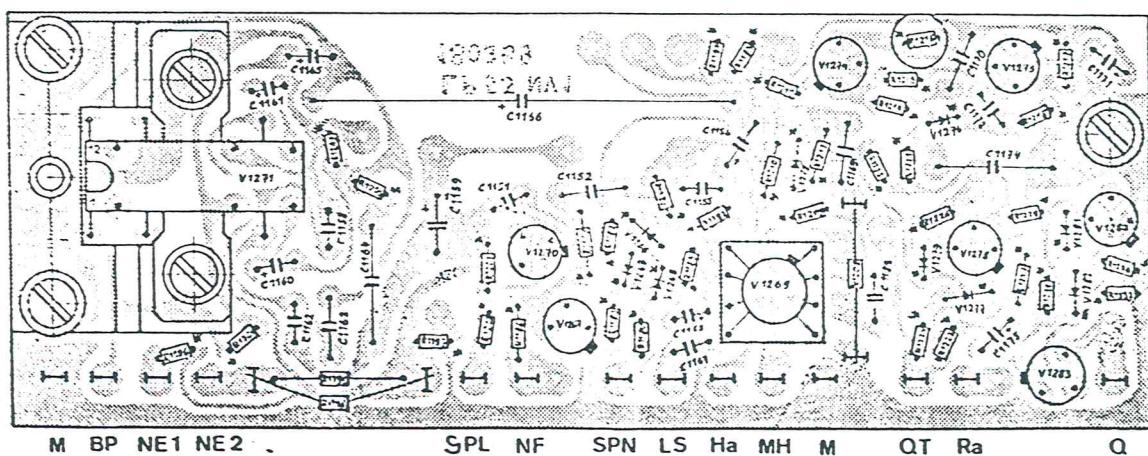
HF 160-1 Art. 163 148/1



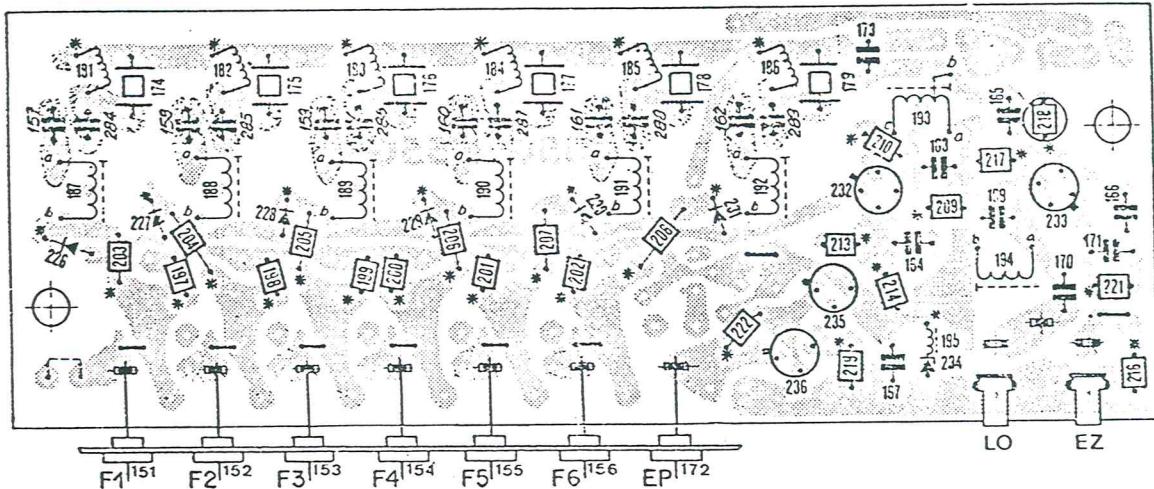
ZF 2 Art. 163 146/1



NV 1 Art. 163 144/1



GE 160 -³ Art. 163 130
-⁶ " 163 131



Symbol	Vorzahl!
—□—	R 3...
— —	C 3...
△—△—	V 3...
(○) (○)	V 3...
—~—	L 3...
—□—	E 3...

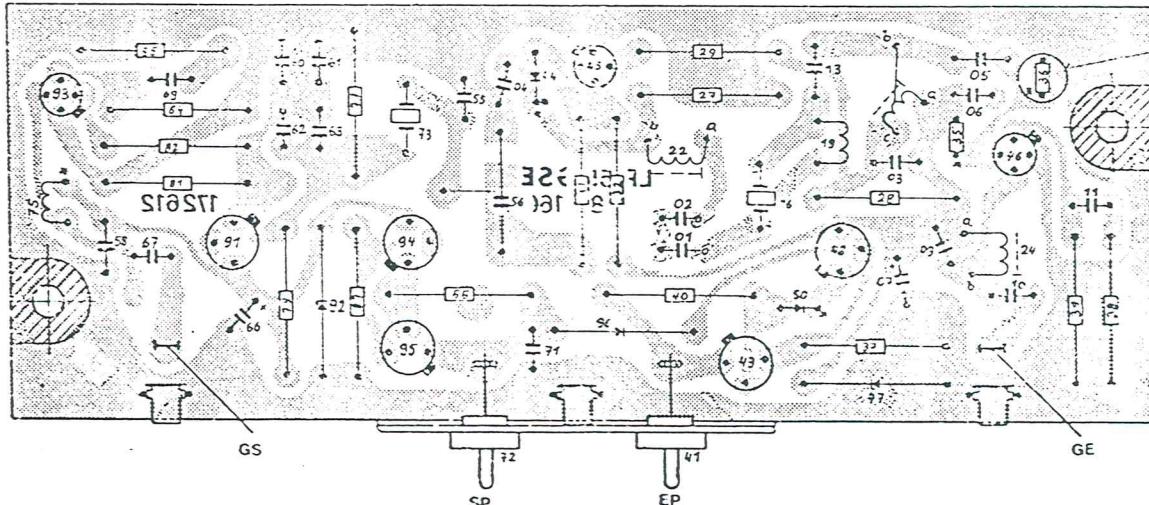
V 3232, 33

V 3235, 36

V 3234

V 3226, 27, 28, 29,
30, 31

GSE 160 Art. 163 135

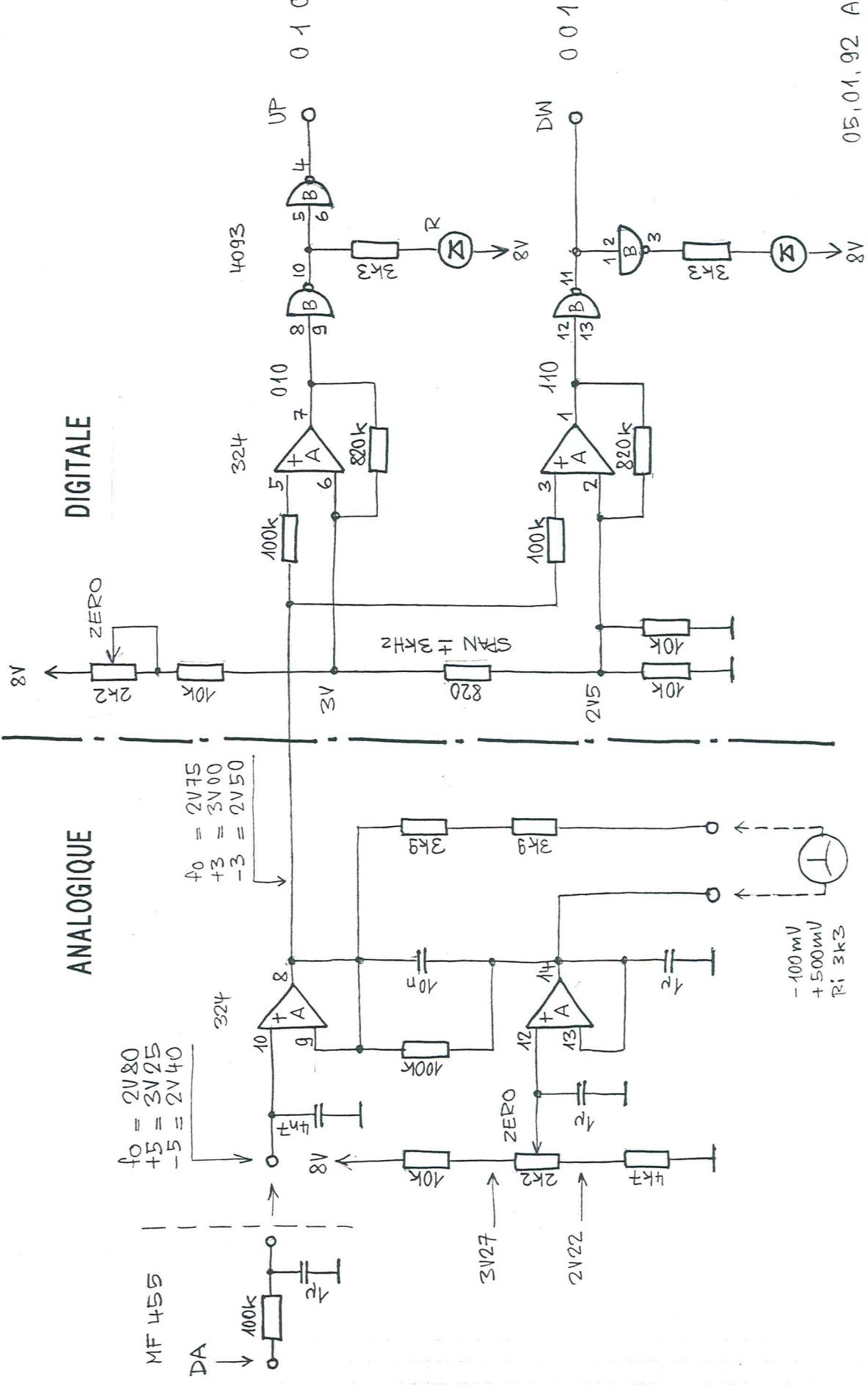


Symbol	Vorzahl!
—□—	R 39...
— —	C 39...
△—△—	V 39...
(○) (○)	V 39...
—~—	L 39...
—□—	E 39...

Alle Platten von der Elementenseite
geschen.

MESURE DISCRIMINATEUR

MODULE ME



-100 mV
 $+500 \text{ mV}$

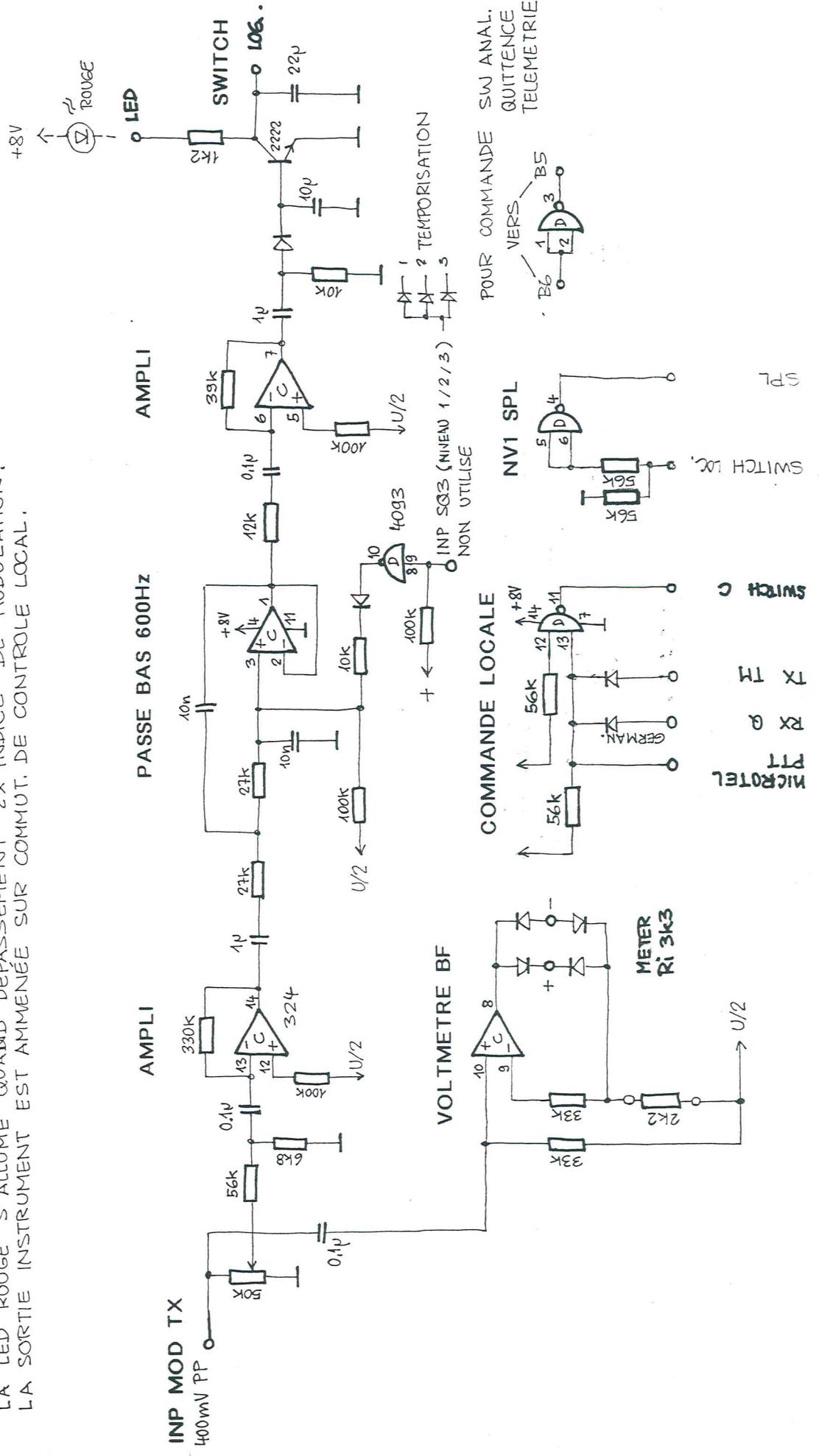
$R_i = 3k3$

05, 01, 92 AHK

MEASURE INDICE DE MODULATION

LA SORTIE LOGIQUE N'EST PAS EXPLOITÉE.
 LA LED ROUGE S'ALLUME QUAND DÉPASSEMENT 2x INDICE DE MODULATION.
 LA SORTIE INSTRUMENT EST AMMENÉE SUR COMMUT. DE CONTRÔLE LOCAL.

MODULE ME



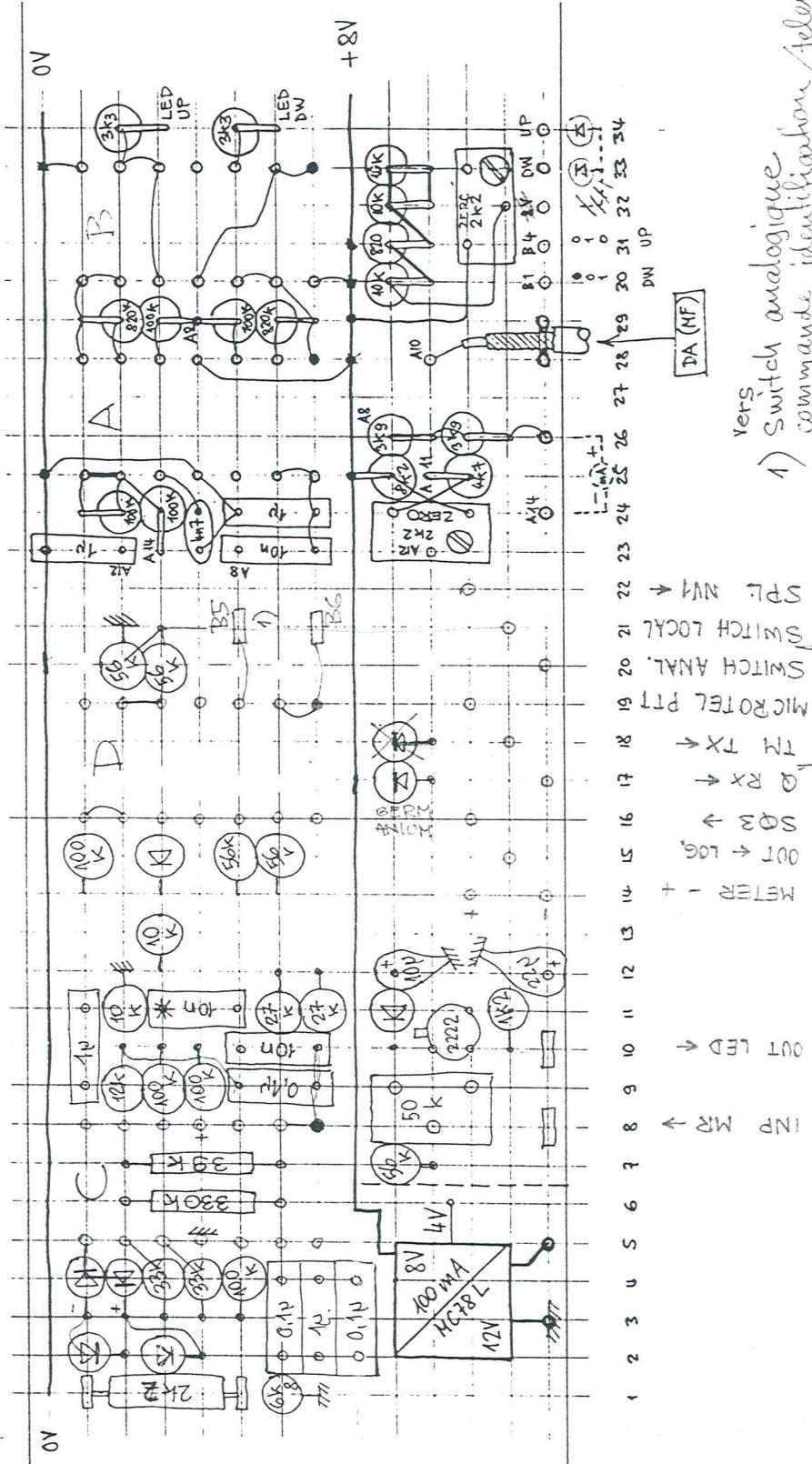
MODULE ME

DISCRIMINATEUR

VOLTMÈRE BF
MESURE EXCURSION
COMMANDÉ PTT MICROTEL
COMMANDÉ OMÉTROUDE VIF

ANALOGIQUE

DIGITAL



SQUELCH HB9 G R5 / R88
GENVE 31.12.90 HB9 AHK

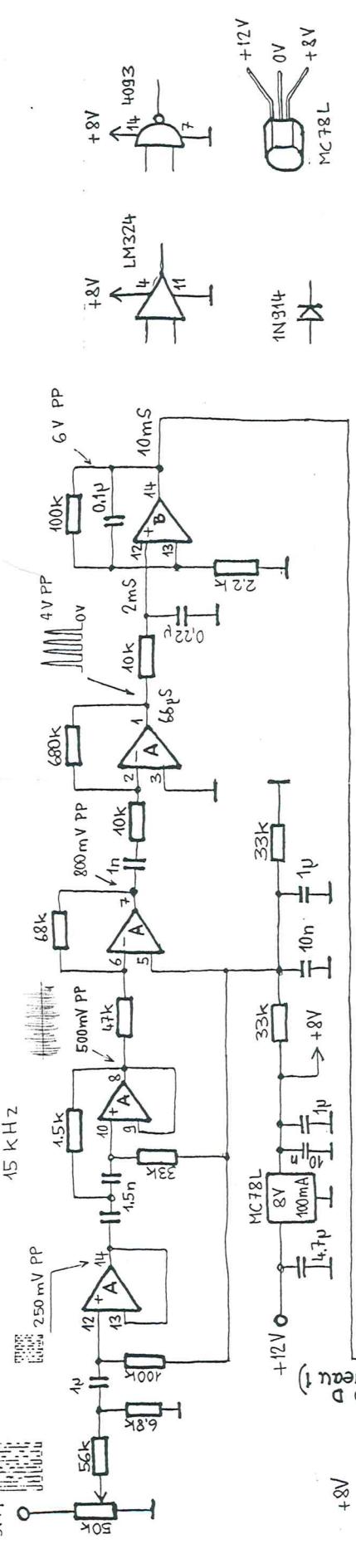
INTEGRATEUR

SEPARATEUR

PASSE HAUT

SUIVEUR

INP. DISCR.



SORTIE

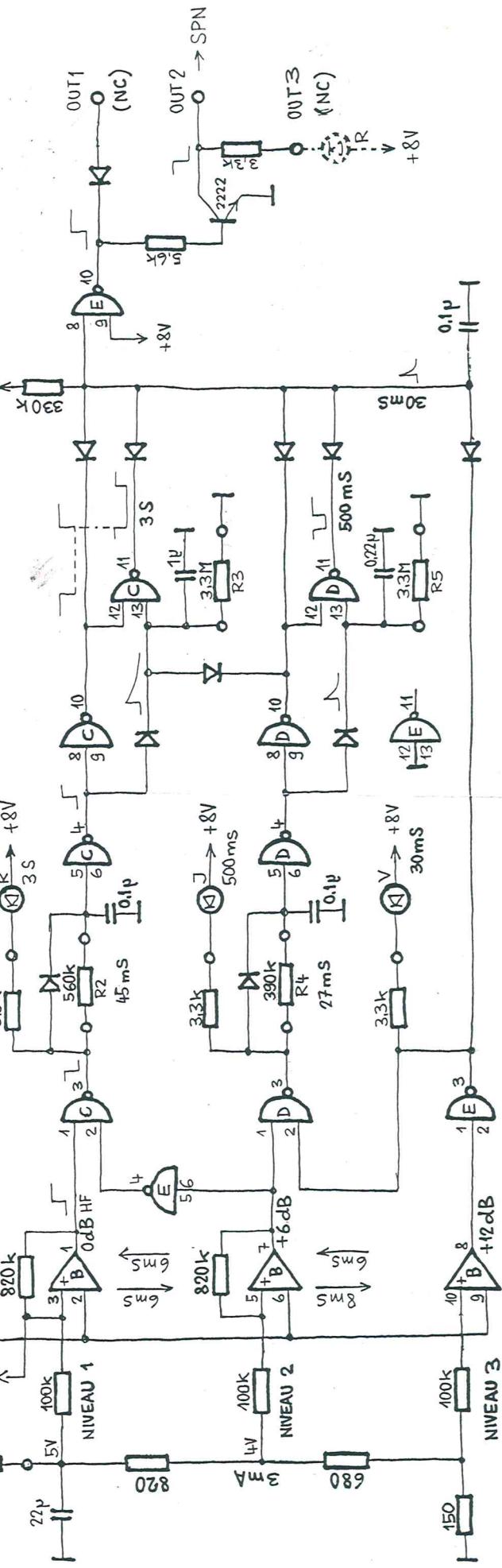
DELAY ENCLANCHEMENT

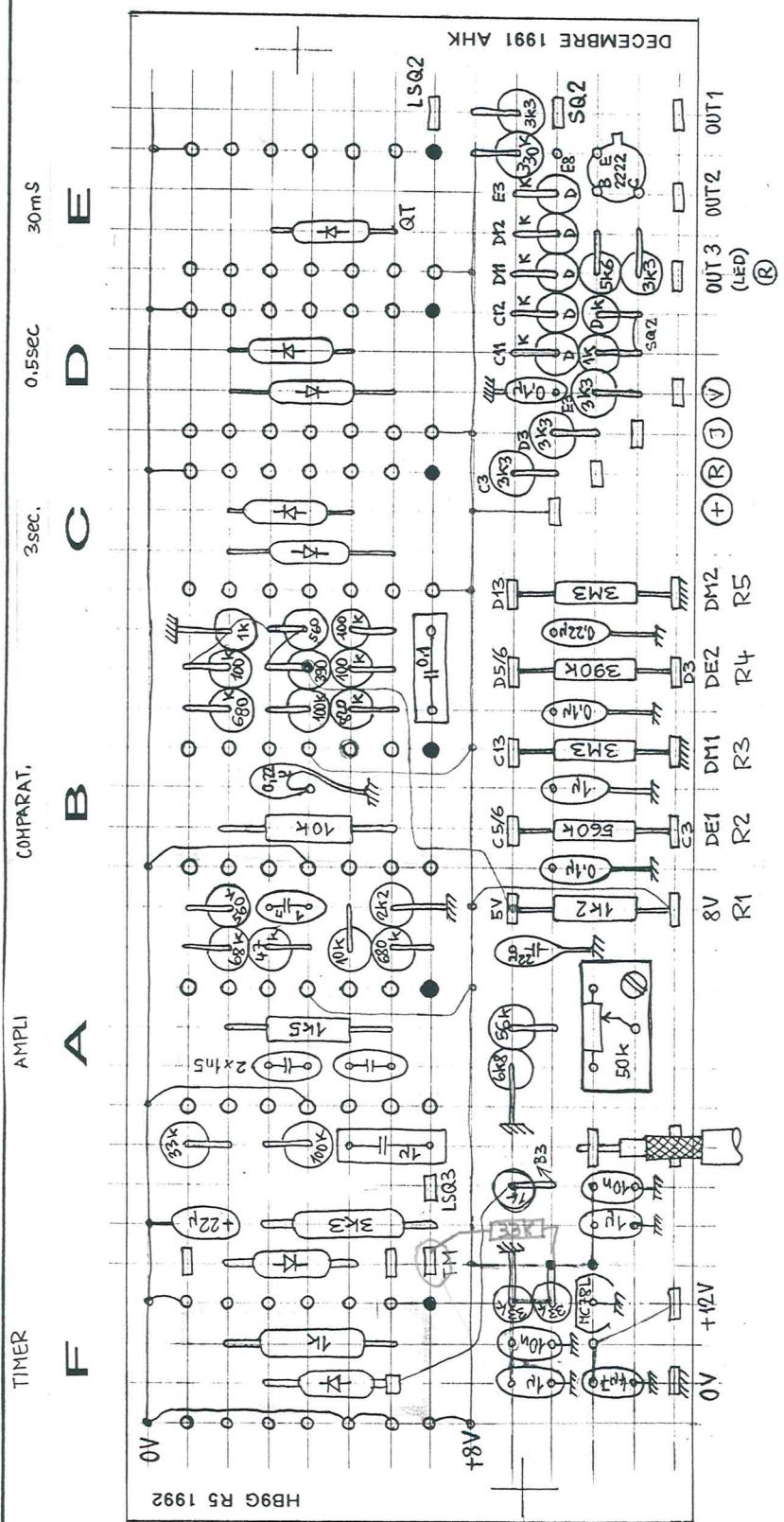
DELAY MAINTIEN

NIVEAU 1

NIVEAU 2

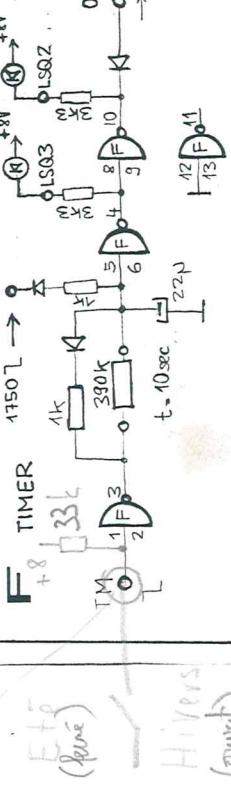
NIVEAU 3



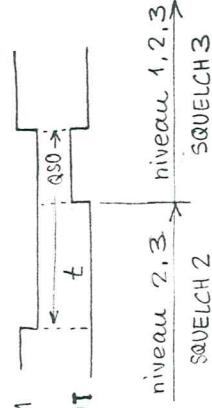


SQUELCH 3

Enclanchement retardé SQ3



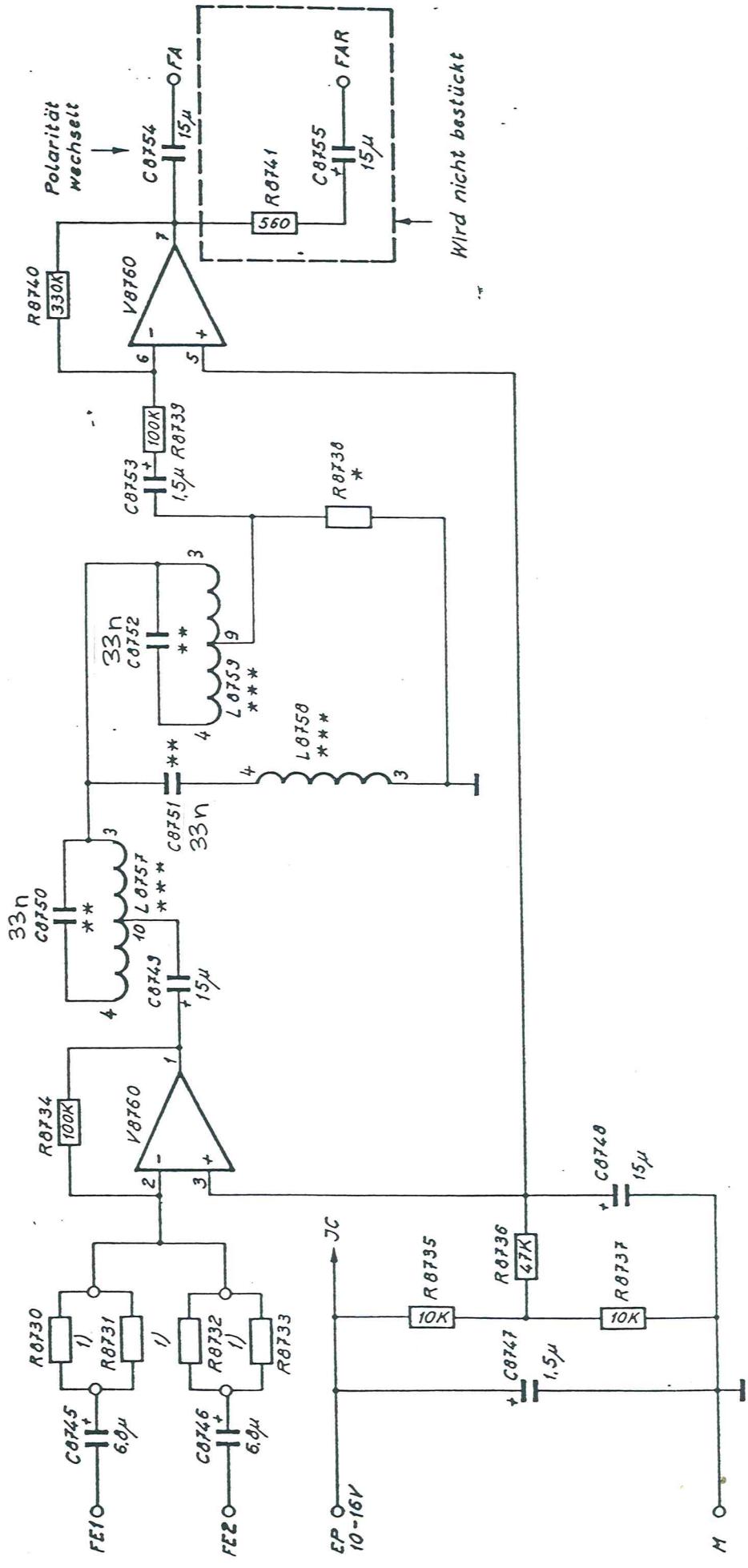
Fonction : squelch niveau 1



JAN. 92 AHK

REJECTEUR 1750 Hz

SELF AAG : 173773

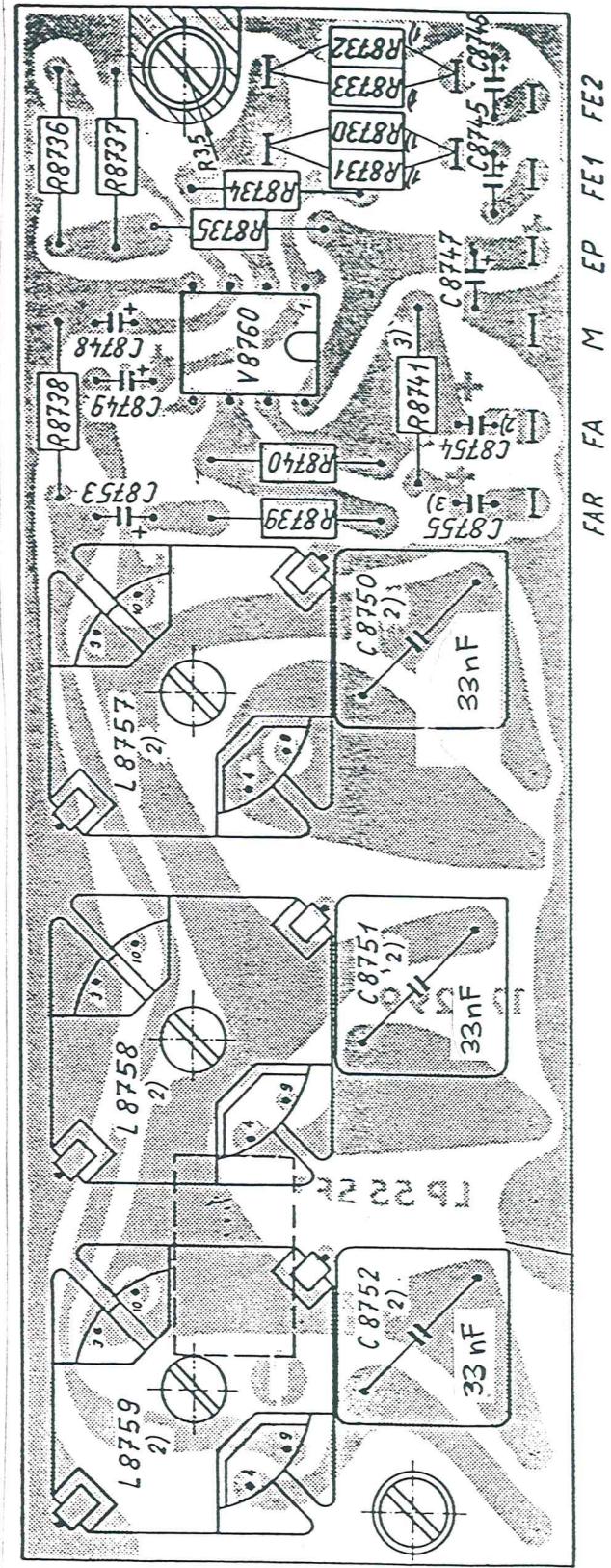


Wird nicht bestückt

JANUAR HK

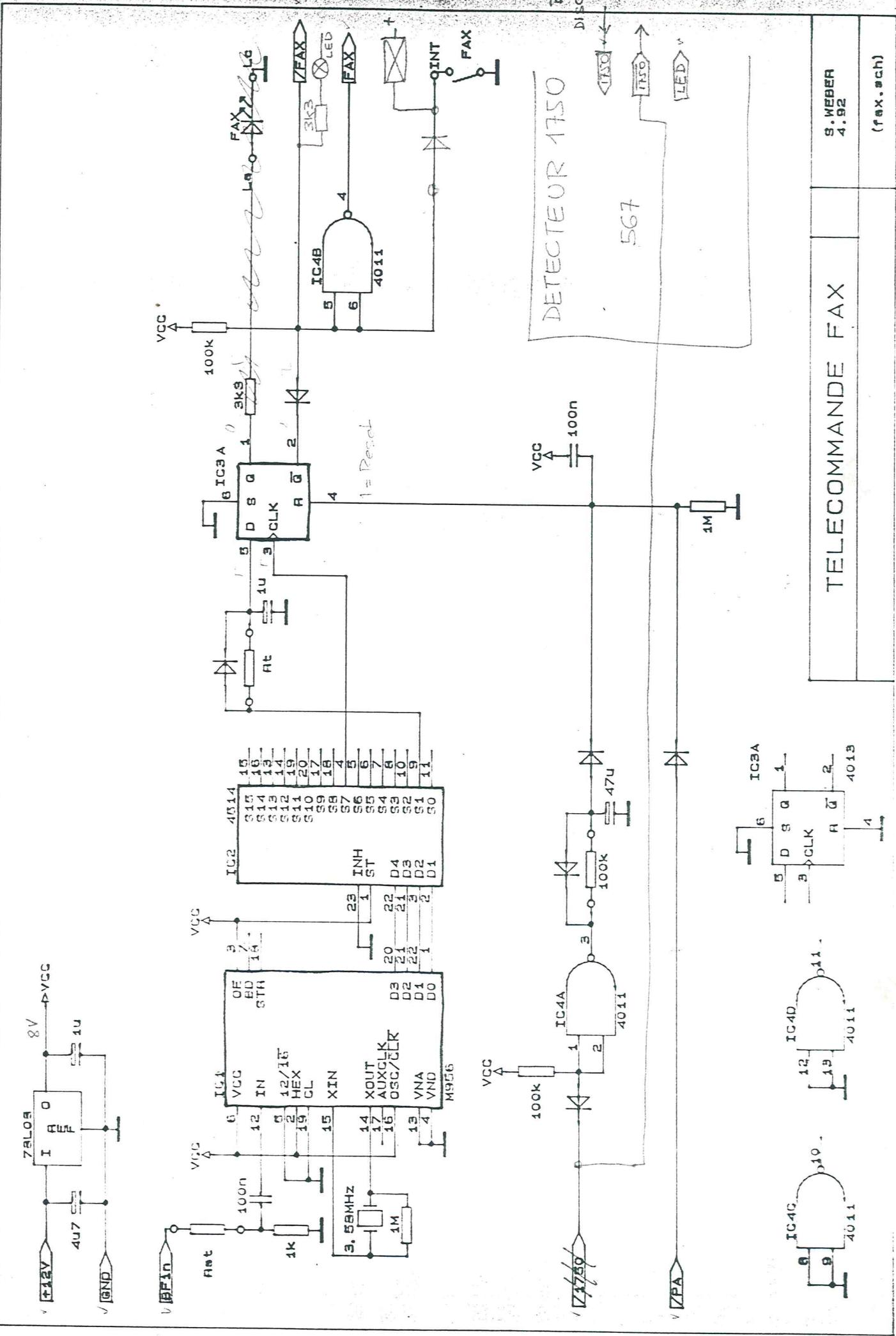
REJECTEUR 1750 Hz

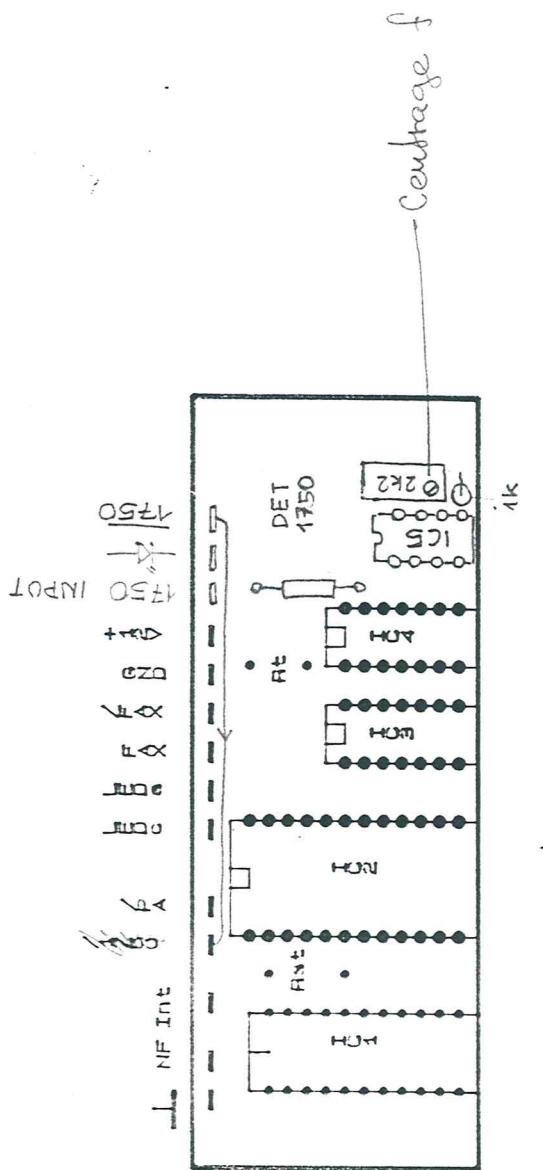
SELF AAG : 173773



FAR FA M EP FE1 FE2

JANV. 91 AHK





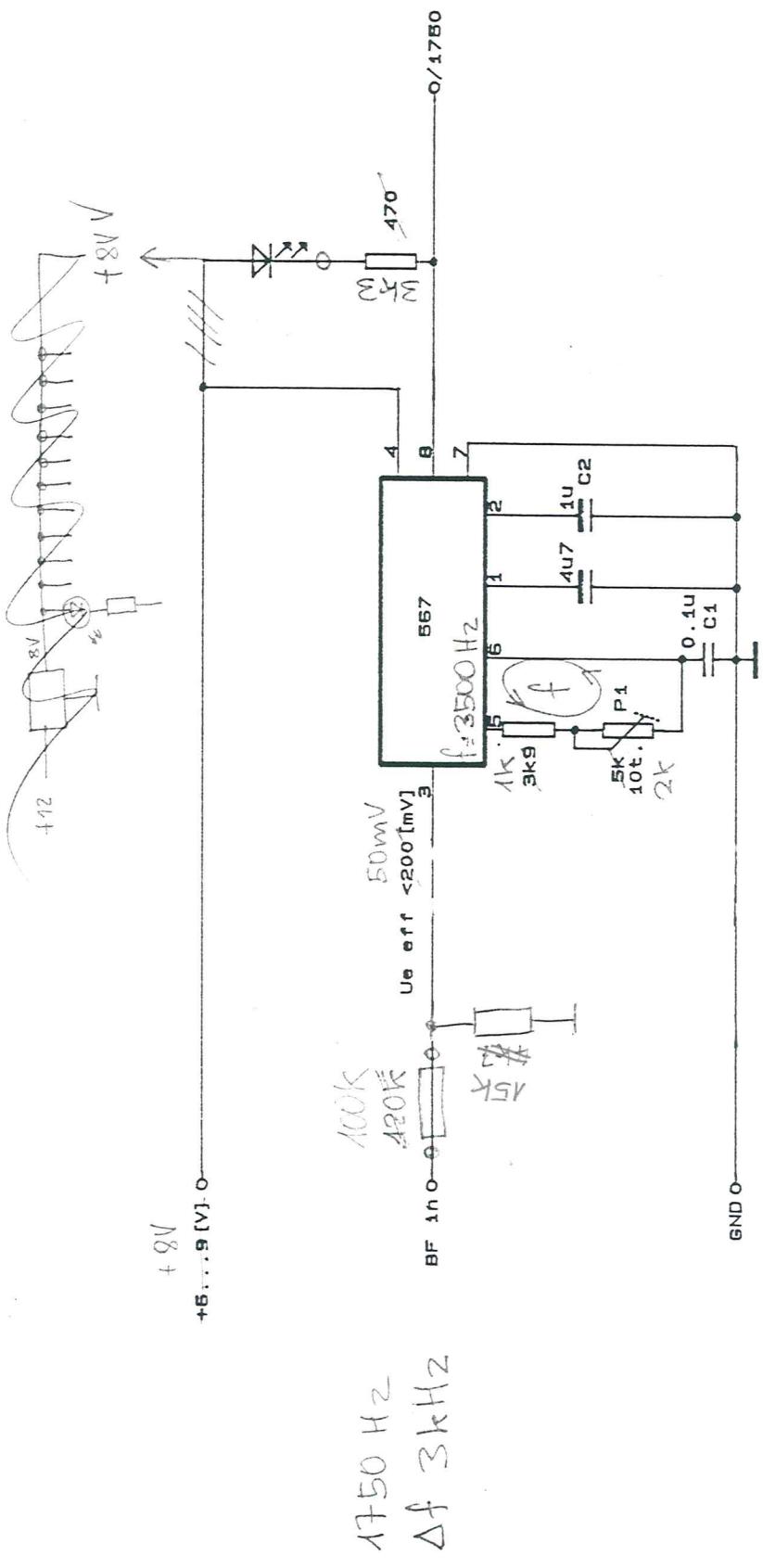
IC1	567
IC2	4093
IC3	4066

IC4	4011
IC5	567

TELECOMMANDE FAX

S. WEBER
4.92

(fax@sch)



1825 - 1680, $\Delta = 145$ Hz f moyenne 1752,5 Hz
 Valeurs mesurées.

CARACTÉRISTIQUES

Detection: 1750 +/- 70 [Hz] = 4%

Consommation: env. 7 [mA] en veille
 env. 40-48 [mA] (led allumée)

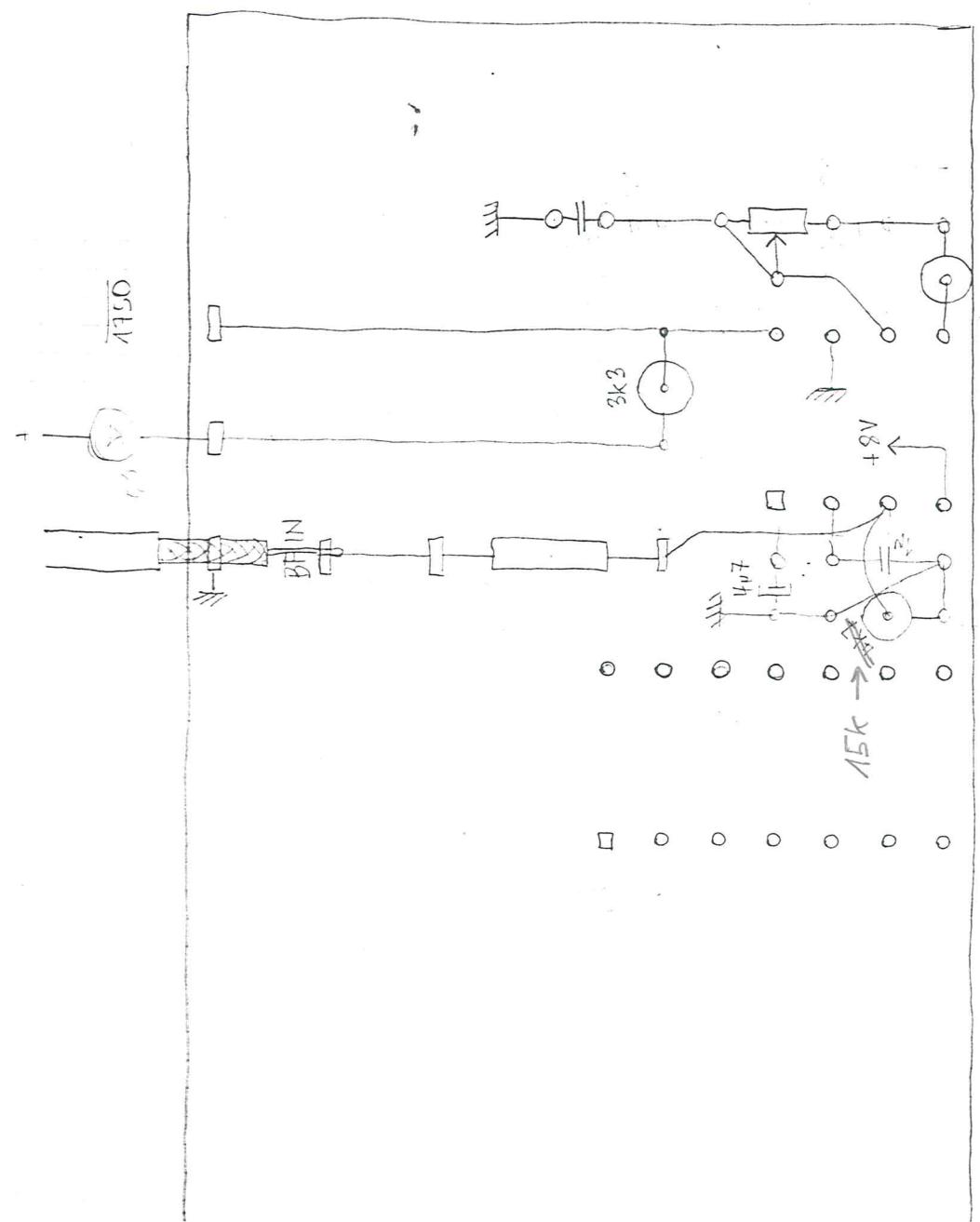
REGLAGE

La tonalité sur le pin 3 = tone sur pin 5, 6

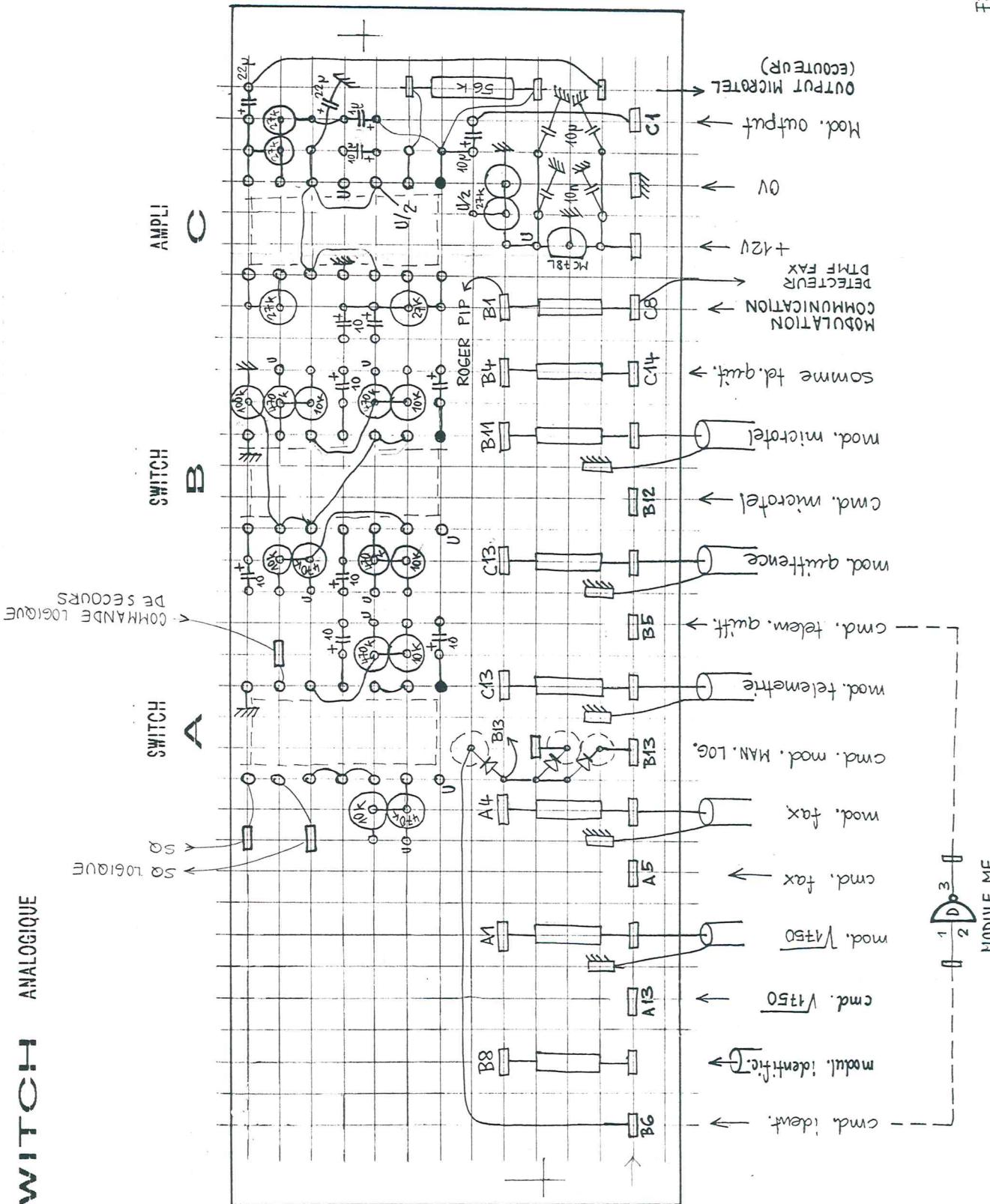
DETECTEUR 1750HZ

S. WEBER
1,90

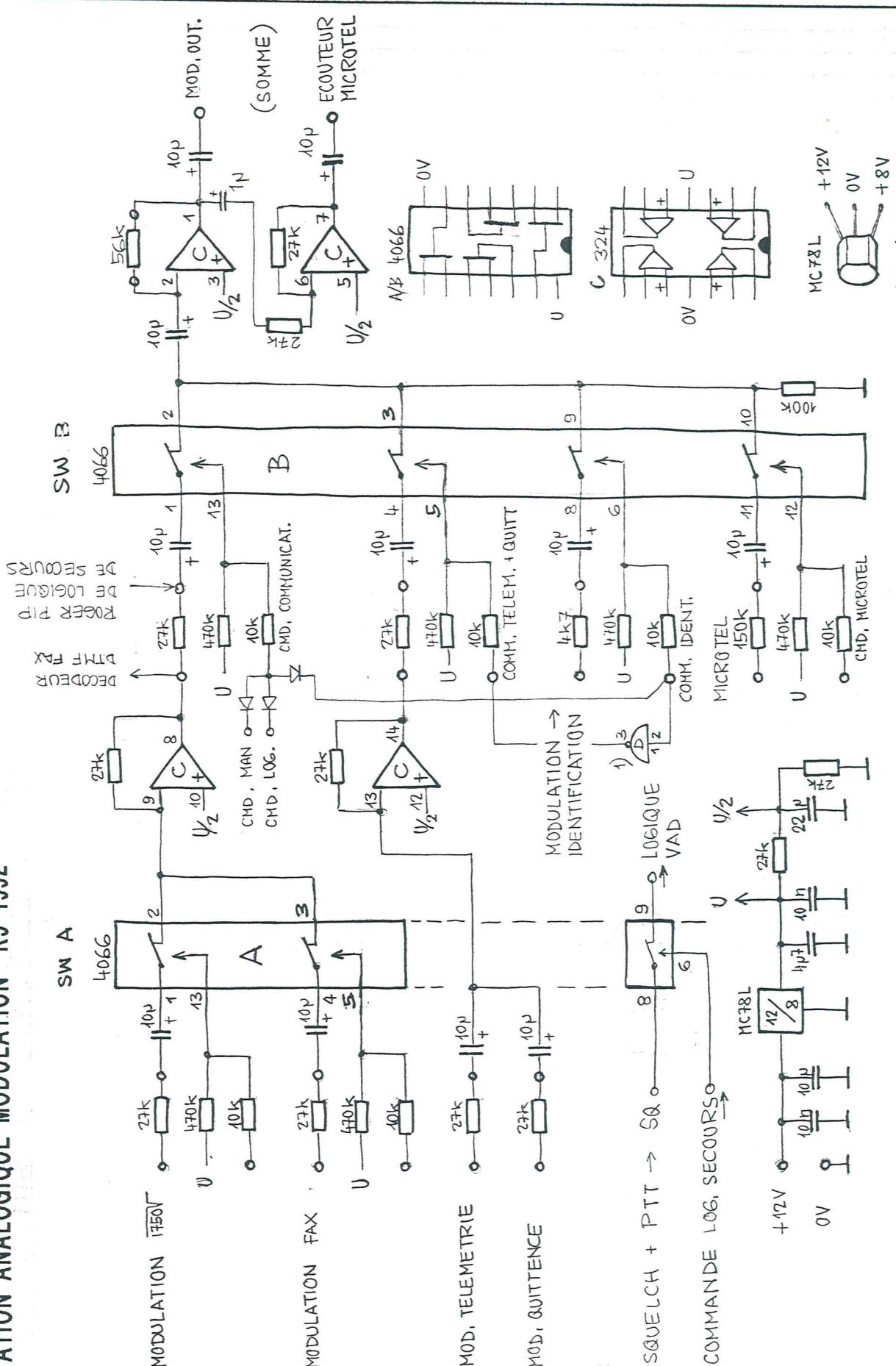
(det 1750.ach)



SWITCH ANALOGIQUE



COMMUTATION ANALOGIQUE MODULATION R5 1992



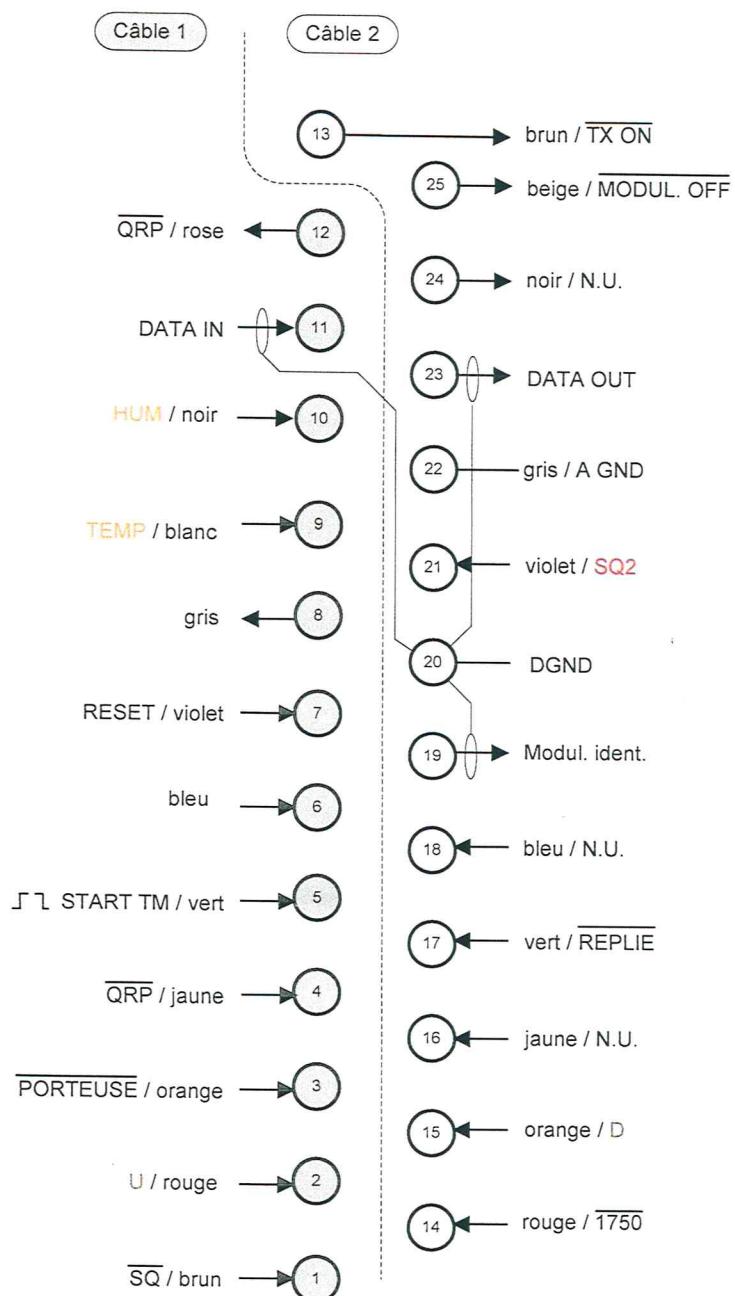
1) SUR UNITÉ DE MESURE ME

FEVR, 92 AHK

100mA

+8V

MC78L 0V +12V



Le +12V arrive sur une fiche LEMO

	LIBRE
	0 A/D
	2 out
	3 in
	2 data in/out

RELAIS HB9G / LOGIQUE Connecteur DB25

Nom: S.Weber

Dessiné: 1.1991

hb9vad@romandie.com

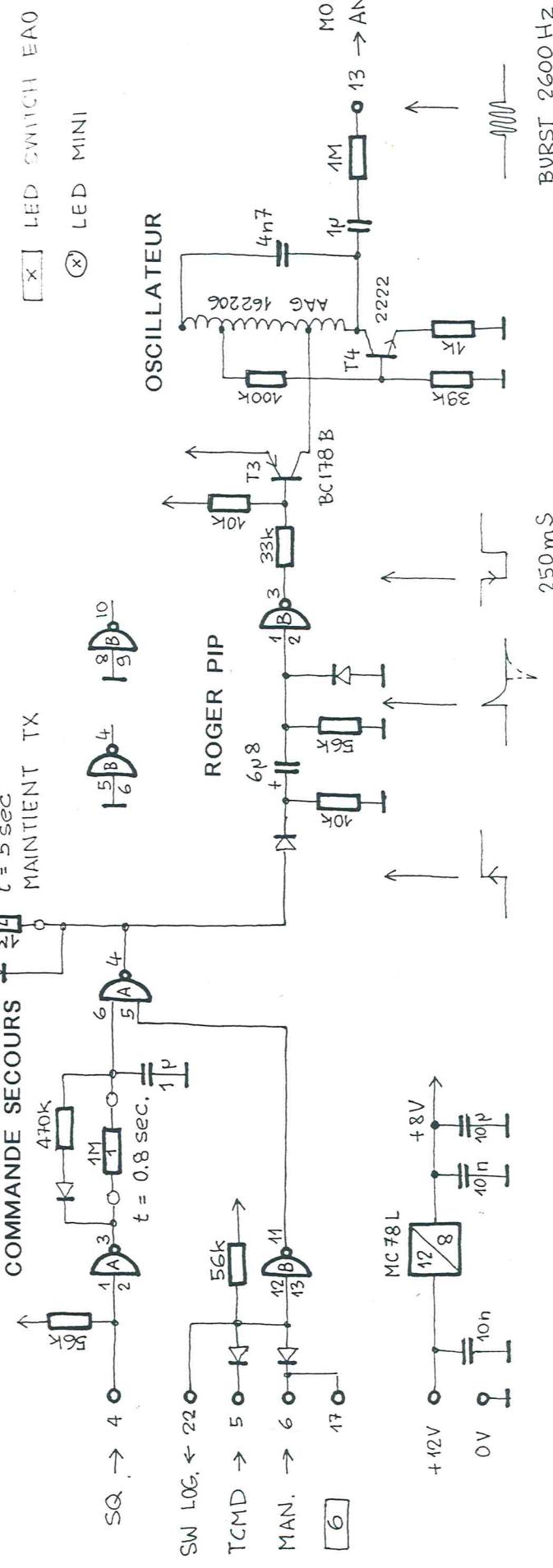
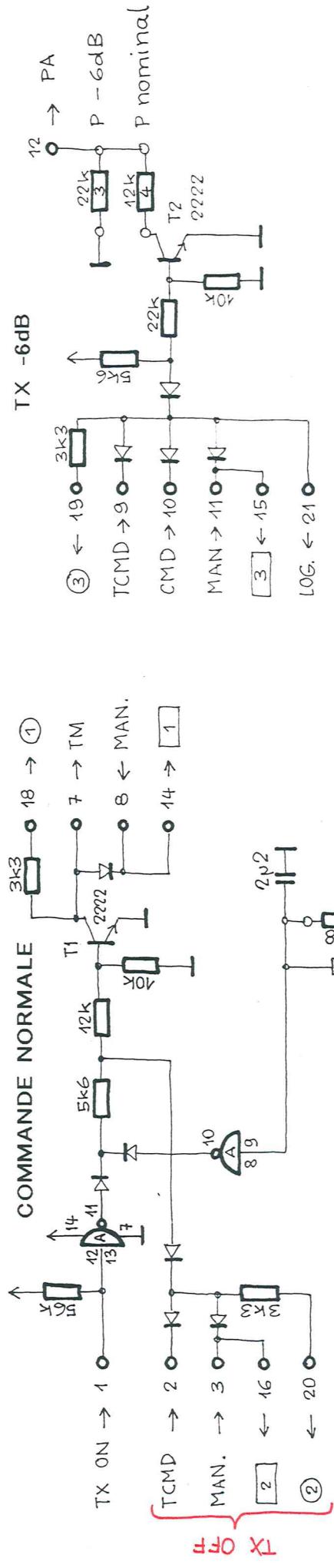
DB25.vis

4.1993 / HB9VAD

8.2004 / HB9VAD

1.2007 / HB9VAD

COMMANDE TX / SECOURS / -6dB



MAI 92 AHK

COMMAND: TX, SECOURS, -6dB

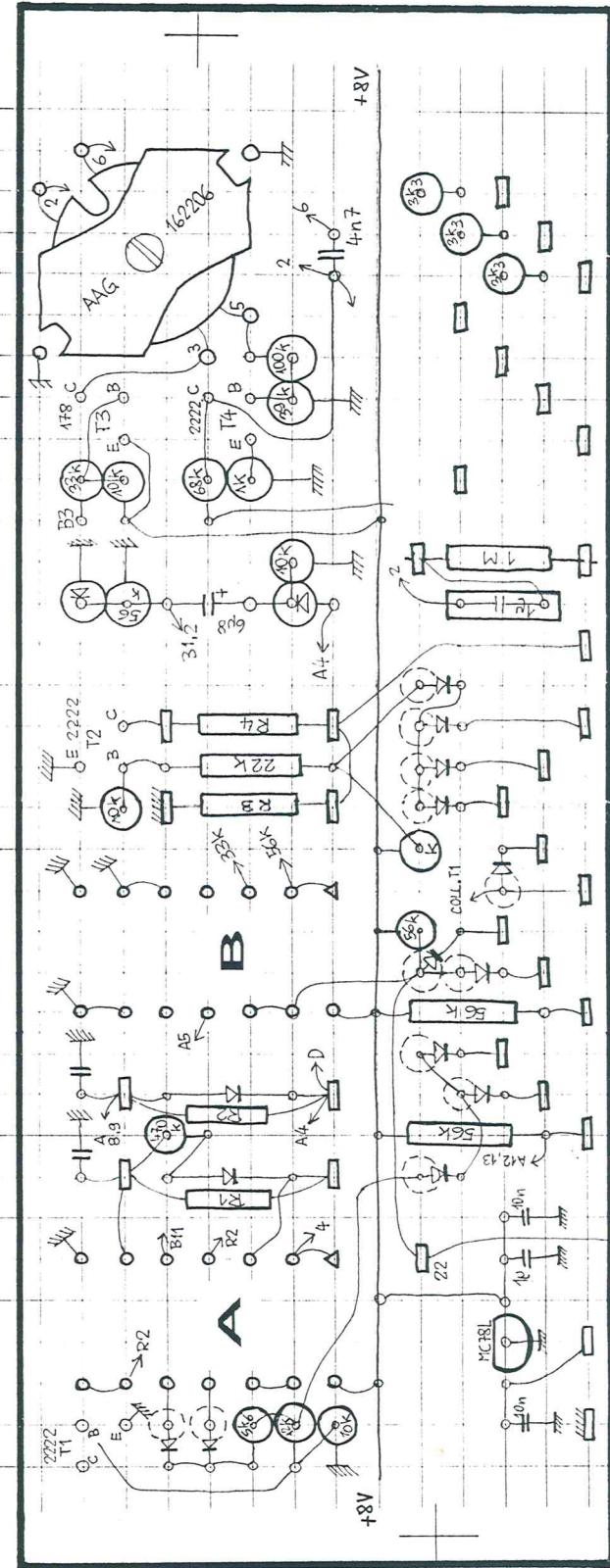
R1 DELAY ENCLANCH.

R2 DELAY MAINTIEN

R3 TX -6dB

R4 TX NORMAL

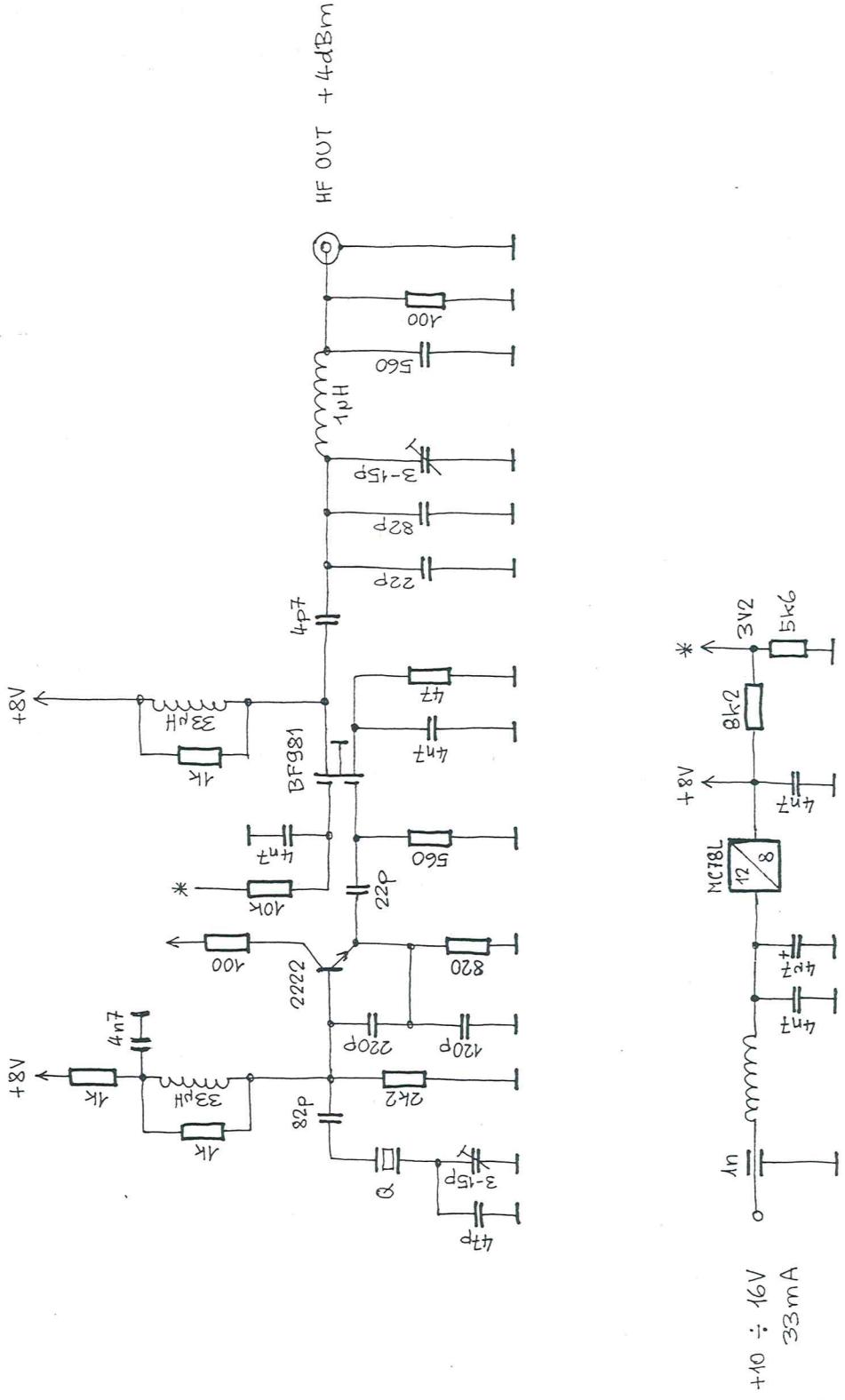
ROGER BIP 2600Hz / 250mS



0V +12V

VERS CMD SWITCH ANAL.
ISOLATION S/A LOG. VAD. →
CMD TX ON ↑ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
CMD TX OFF ↑ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
TCMD TX ON ↑ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
TCMD TX OFF ↑ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
MAN SECOURS ↓ 6 → CMD TX (TM)
A SECURITE ↑ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
TCMD SECOURS ↓ 6 →
MAN TX OFF ↑ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
CHD -6dB ↑ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
MCN -6dB ↑ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
PA -6dB ↓ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
MOD. R.B. ↓ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
CONF. LOGIQUE D.R.P. ↓ 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
TEMOINS LUMINEUX (LED) 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
LED MINI (LED) 1 2 3 4 5 6 7 8 9 10 11 12 13 21 24 25 26 27 28 29 30
MAI g2 AHK

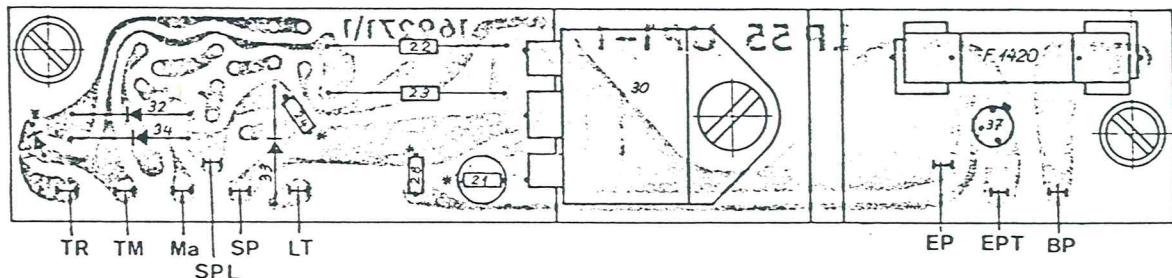
OSCILLATEUR TX



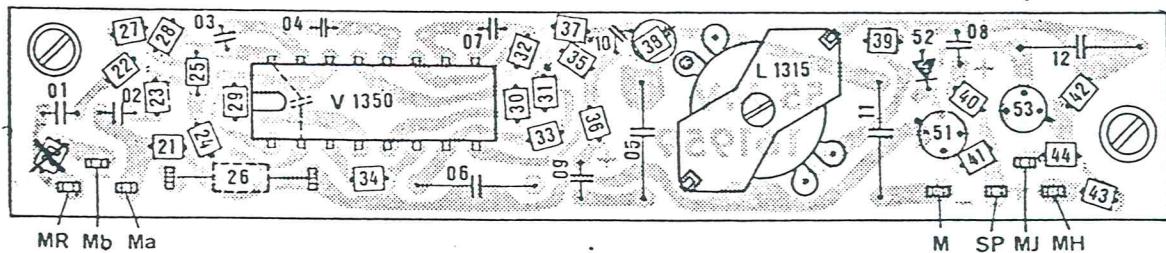
AVR. 92 AHK

CMD.TX / AMPLI.MOD. / DRIVER

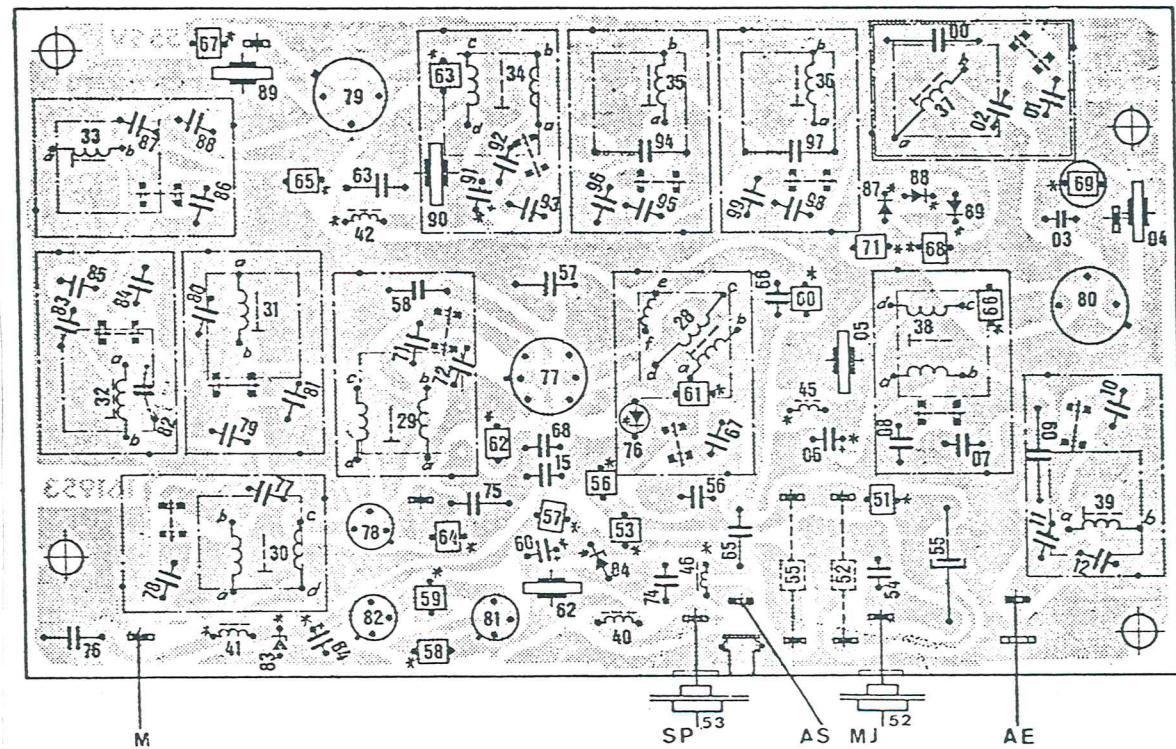
CMD.TX



AMPLI.MOD.

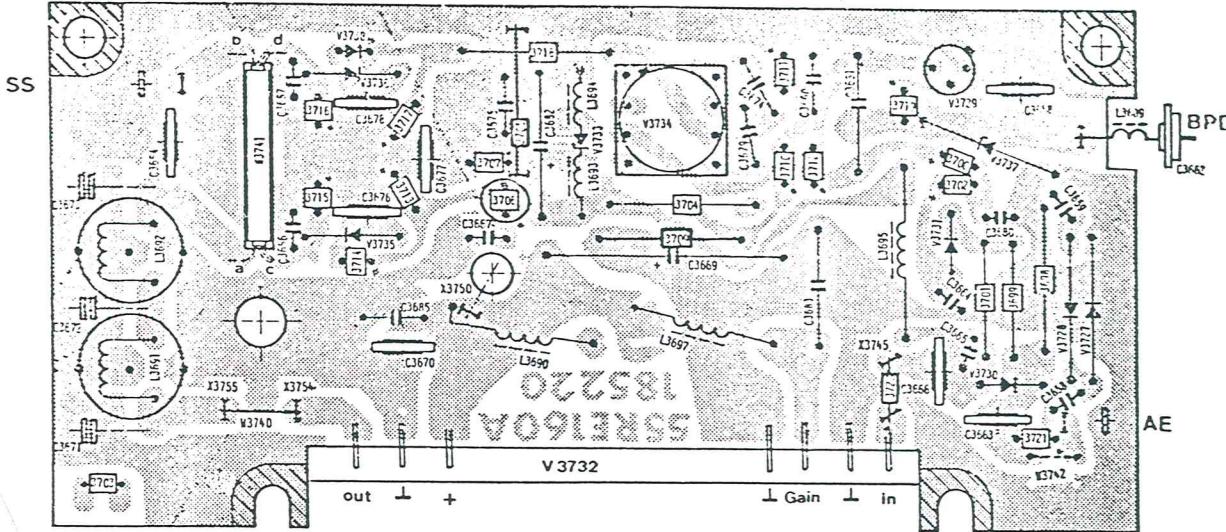


DRIVER

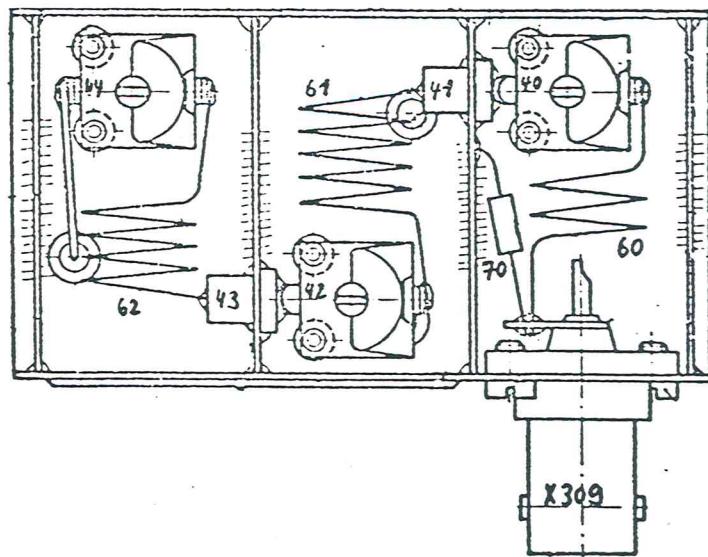


PA / FILTRE

PA / REGULATION

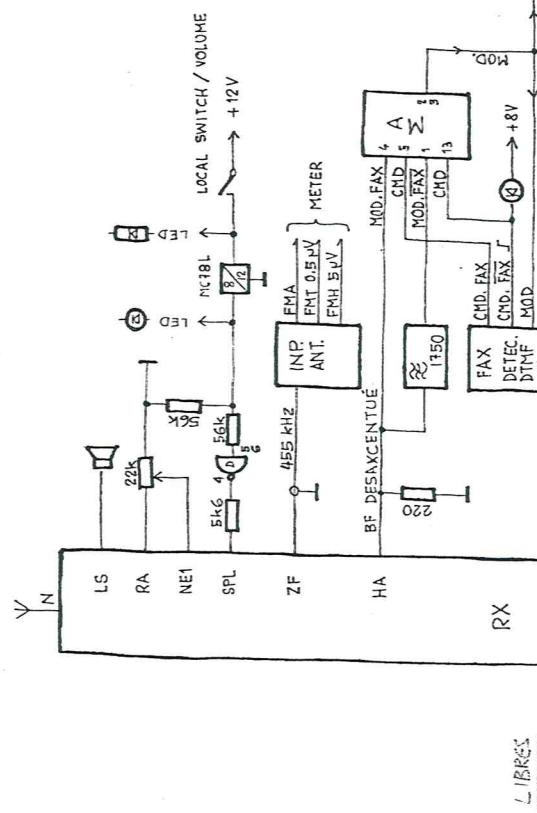


FILTRE HARMONIQUES



RELAISS R5 HB9G - 992 - 2007

SYNOPTIQUE

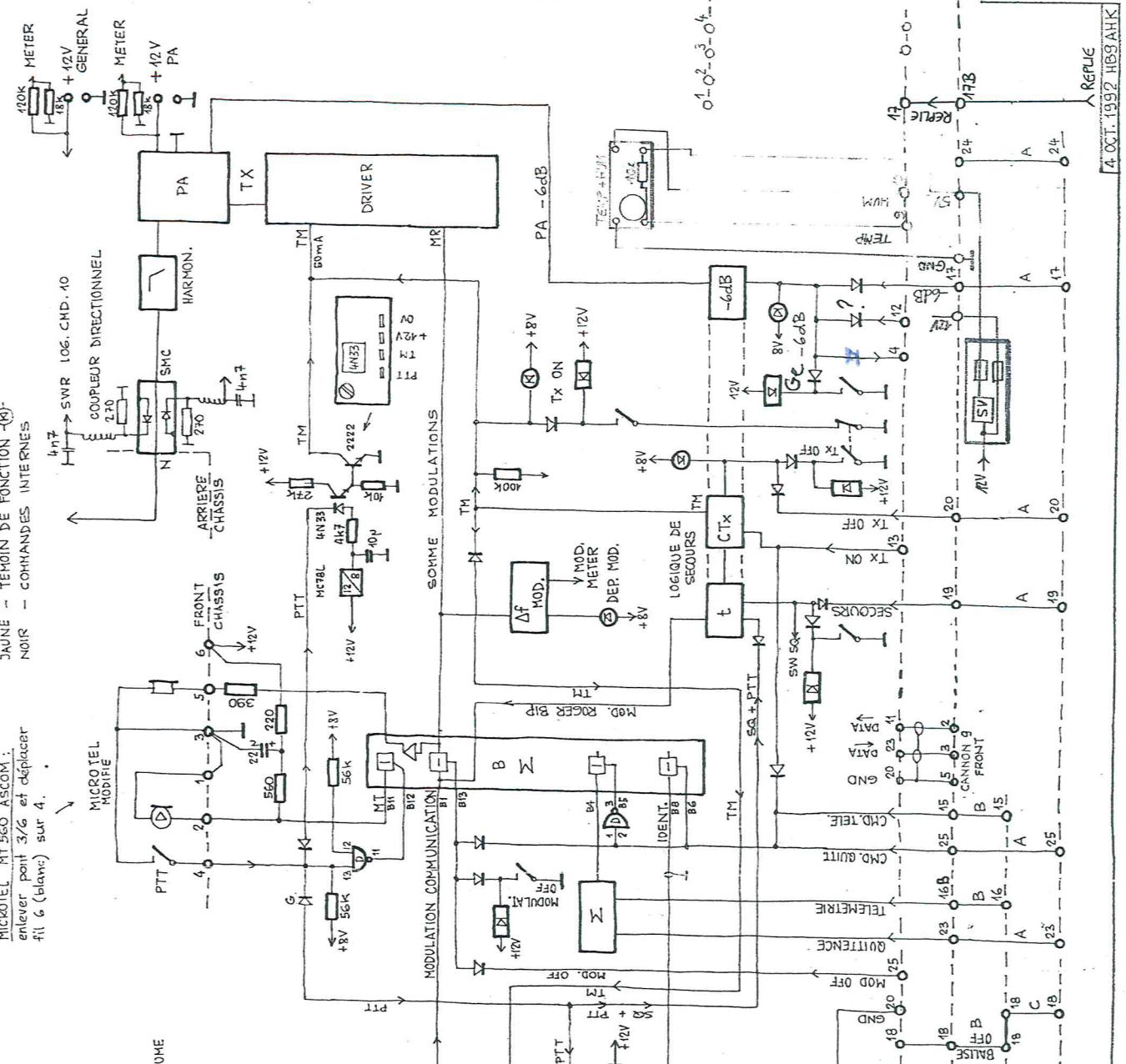


992 - 2007

CABLAGE : BLANC MODULATION

GRIS = COMMANDE MANUELLE
BRUN = TELECOMMANDE
VERT = TEMOIN MANUEL (LED)
JAUNE = TEMOIN DE FONCTION (K)
NOIR = COMMANDES INTERNES

MICROTEL MT 560 ASCOM :
enlever point 3/G et déplacer
fil 6 (Blanc) sur 4.



MODIFS : 7.2004 HB9VAD / 1.2007 HB9VAD / 7.07 HB9VAD

CHASSI 1

14 OCT. 1992 HB9VAD