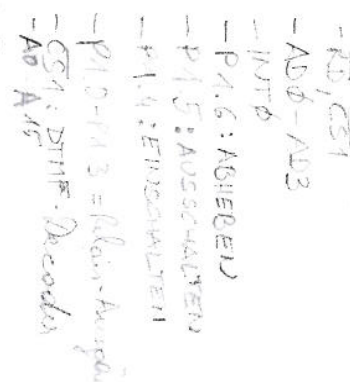
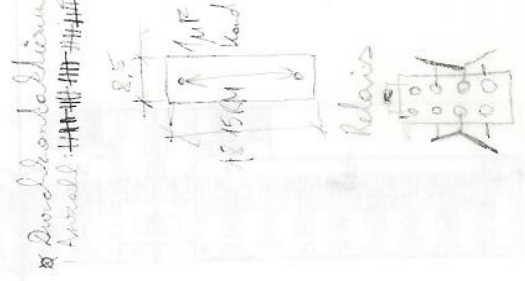
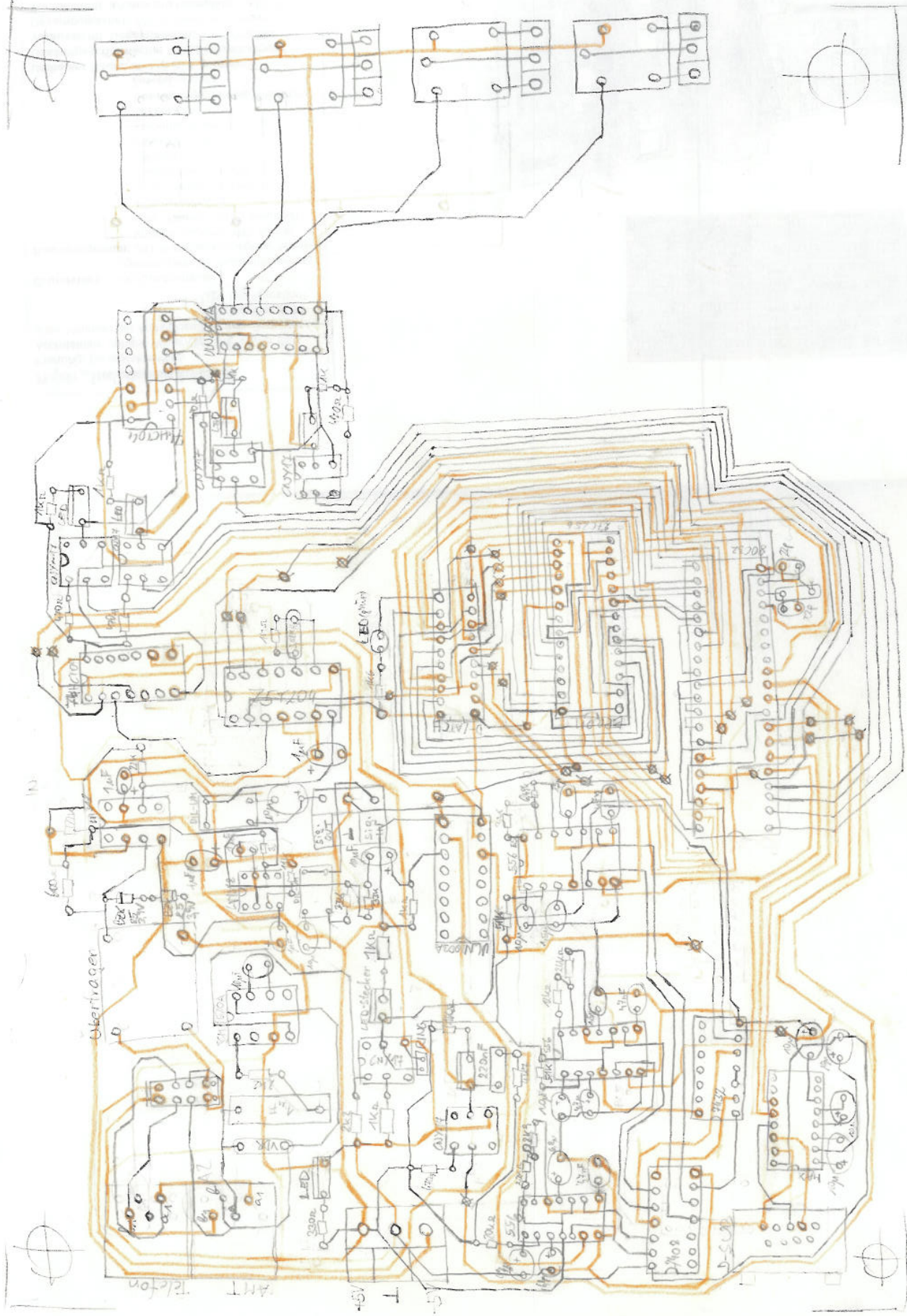


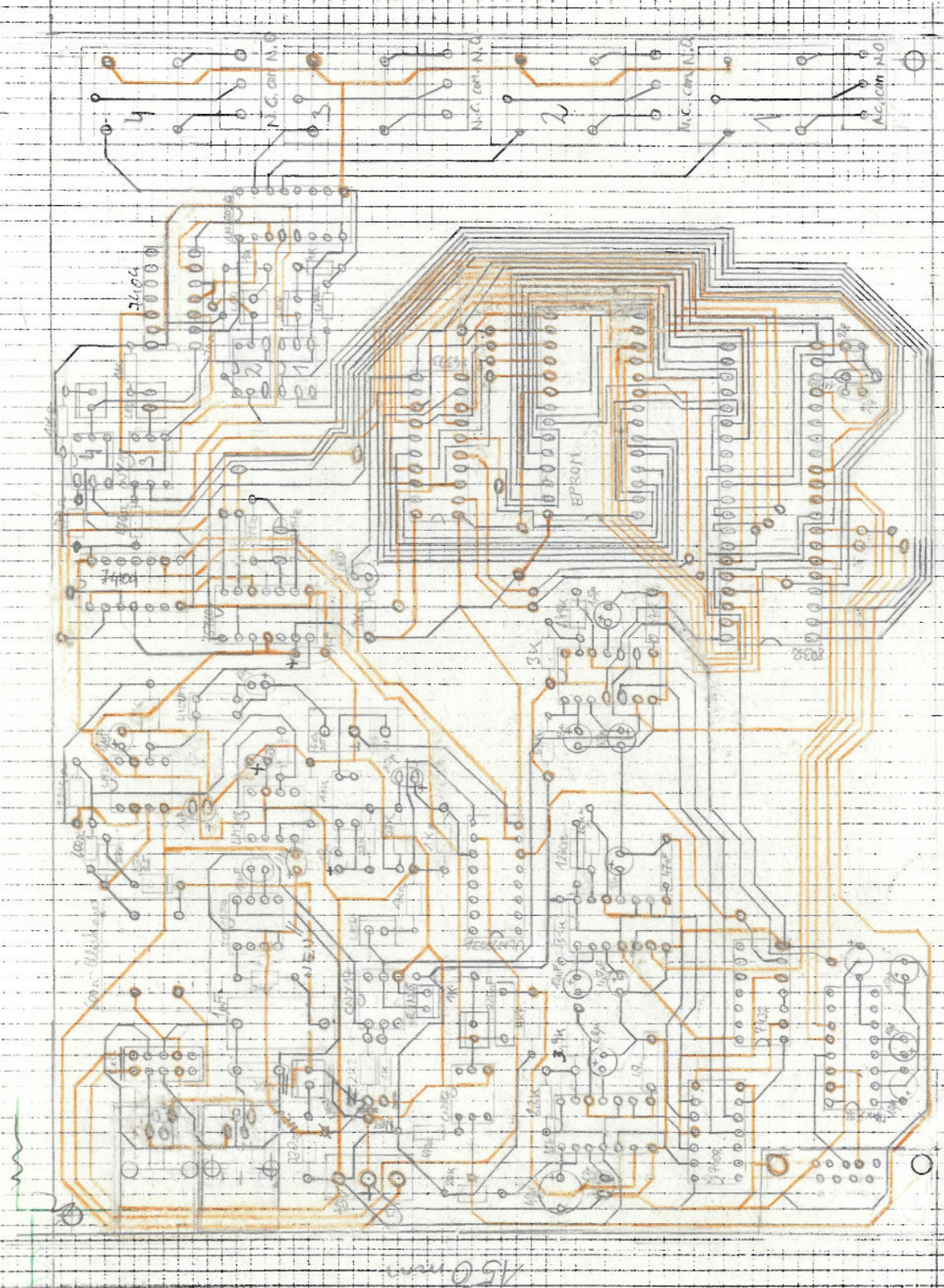
NETZ-1B/L M - power supply
P.A.T.: King Signal



Geological

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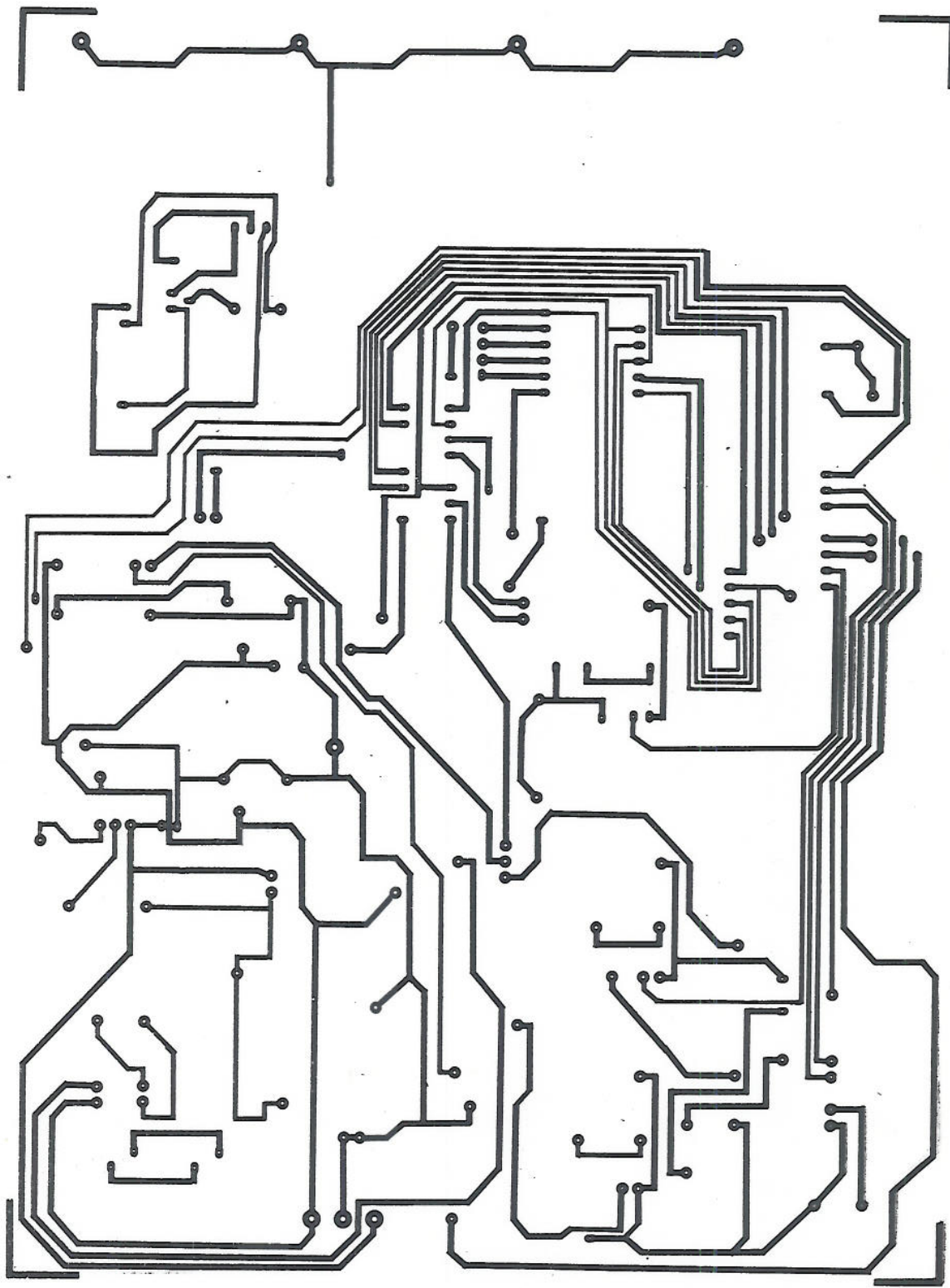




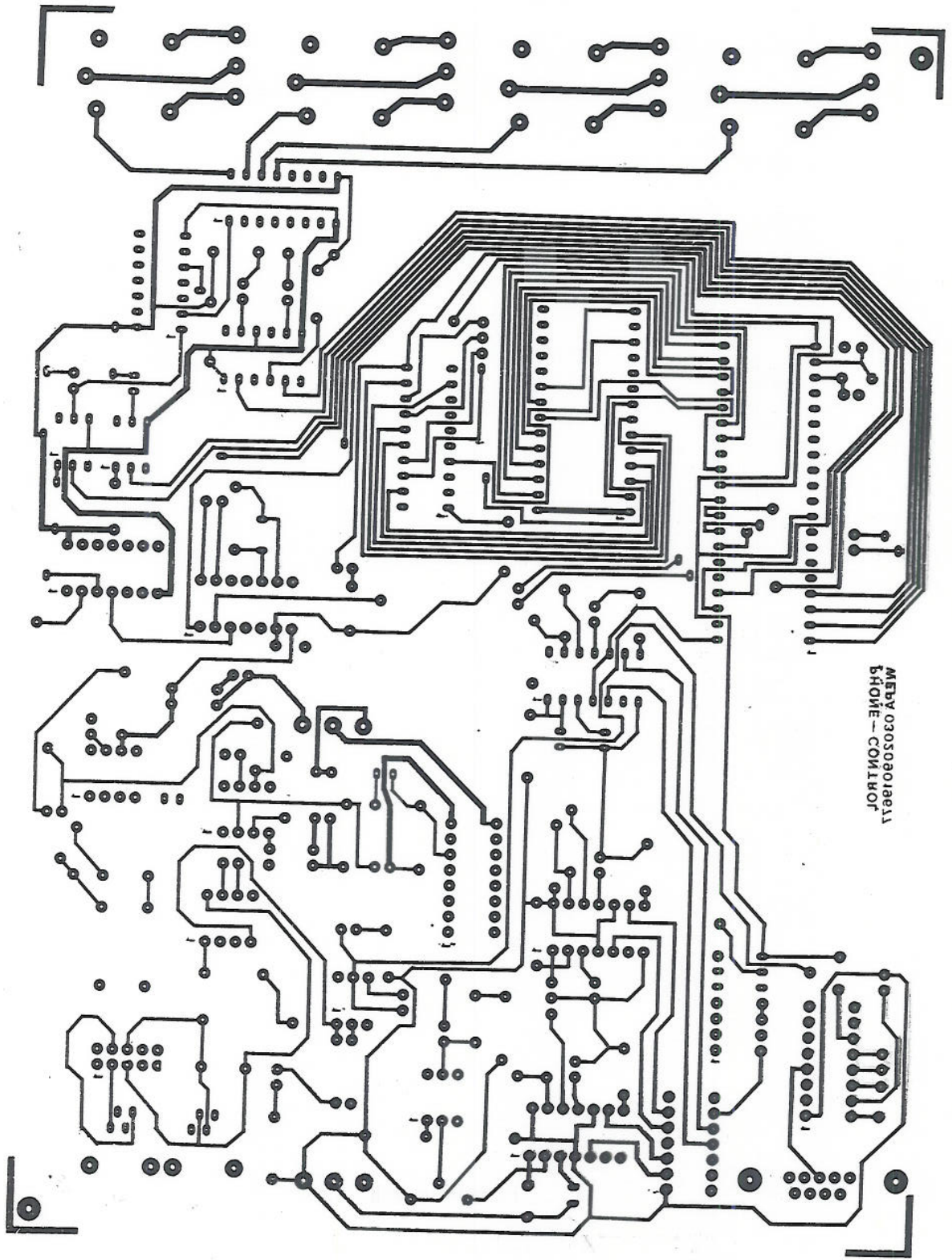
2A2 Schaltung bei FCC8 - Buchse?

- Stromversorger, bei
gatter OP-App
- 7408, 7432, 74138, 74132

PHONE-CONTROL WEPA 030209019674
V.1.00 / Rev. 0.00
Bauteilseite

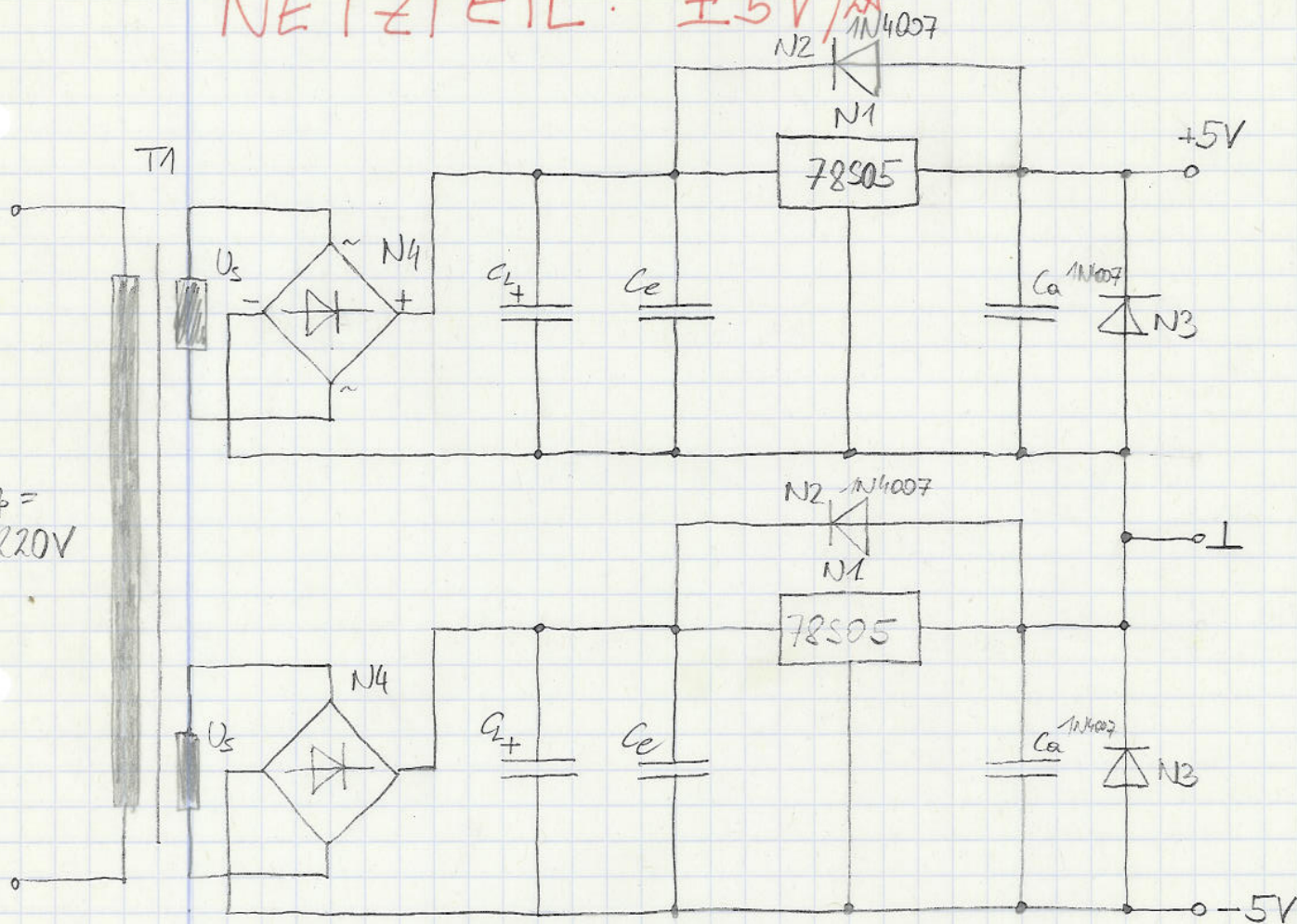


PHONE-CONTROL WEPA 030209019677
V1.00/Rev. 0.00
Lötseite



NETZTEIL: $\pm 5V/2A$

$U_p = \sim 220V$



$$C_L \approx 6,5 \cdot \frac{I_L}{\Delta U} \approx 6,5 \cdot \frac{2000mA}{0,2} = 65000 \mu F$$

$$\Delta U = 0,2; I_L = 2000mA$$

$$U_s \approx 0,85 \cdot (U_a + U_b + \frac{\Delta U}{2}) + 1V \approx 0,85 \cdot (5V + 3V + 0,1V) + 1V = 7,885V$$

$$U_a = 5V; U_b = 3V$$

$$U_{s_{gew.}} = 9V, U_p = 220V$$

$$C_e = 100nF \text{ (Keramik)}$$

$$I_s \approx 1,7 \cdot I_L = 1,7 \cdot 2A = 3,4A$$

$$C_a = 1 \mu F \text{ (Ta)}$$

$$P_s = 9V \cdot 3,4A = 30,6VA$$

Stückliste: 1Stk. T1: 220V / 2x 9V / 30,6VA

2Stk. N4: Gleichrichter 2A

2Stk. C_L : 65000 μF / 16V

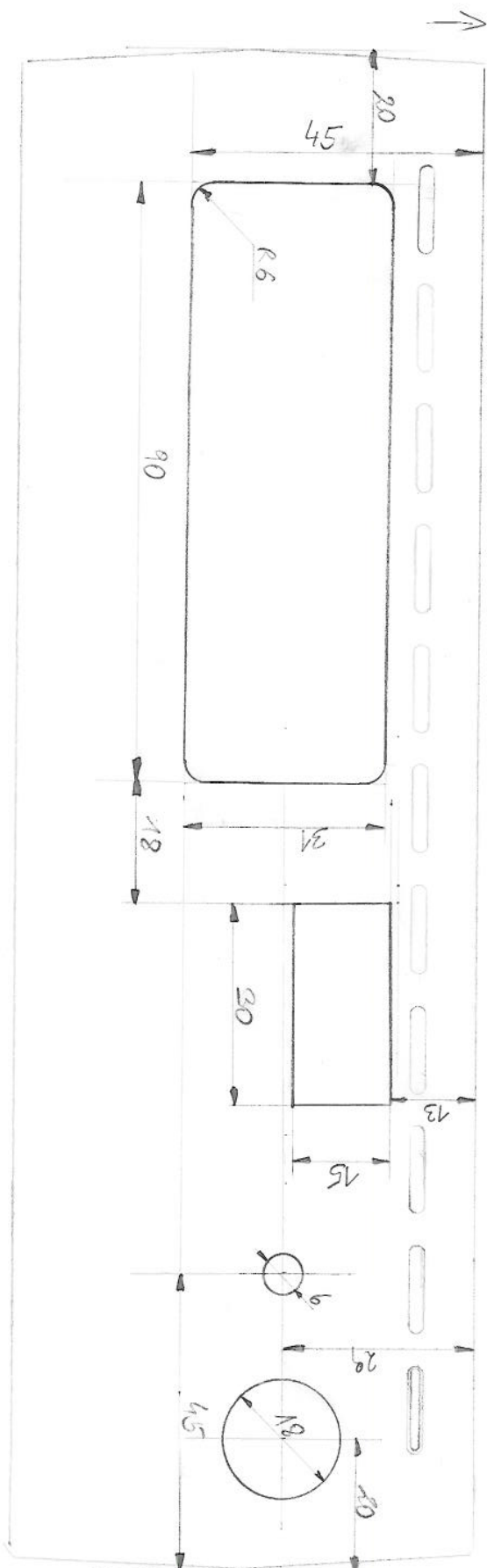
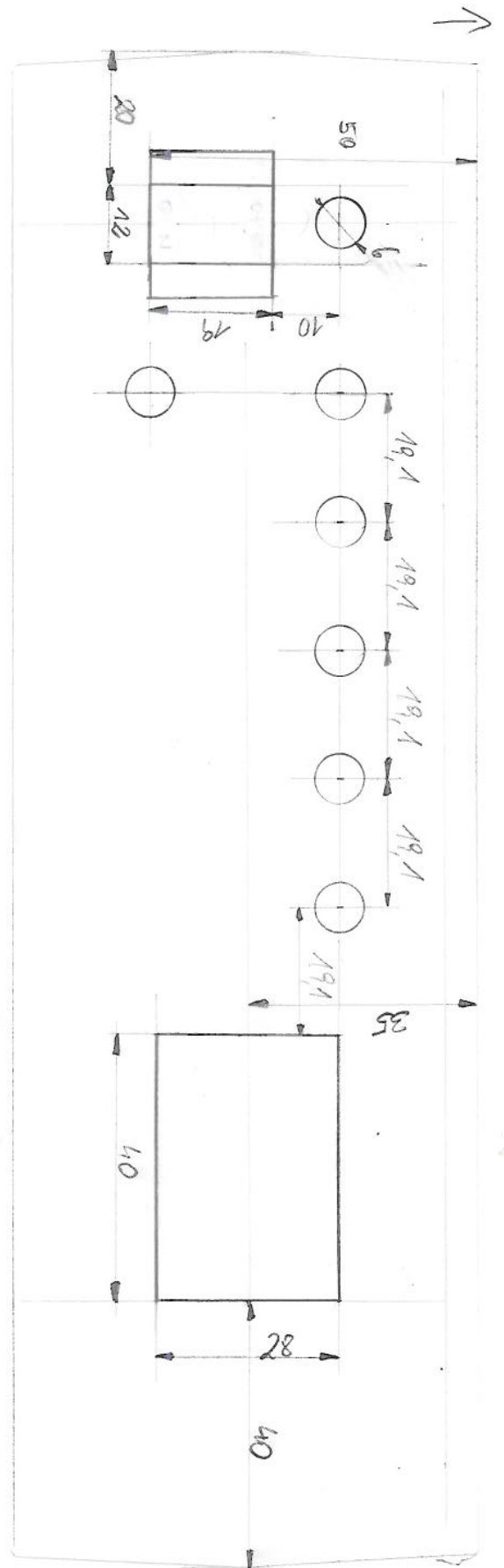
2Stk. C_e : 100nF / 16V

2Stk. N1: 78S05 / 5V; 2A

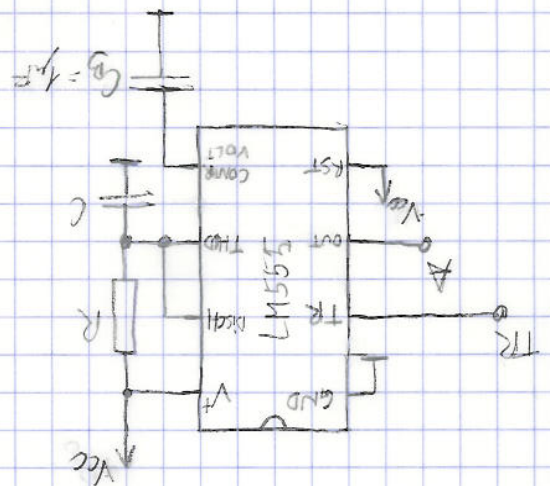
4Stk. N2, N3: 1N4001 \rightarrow zu Hause

2Stk. C_a : 1 μF / TA

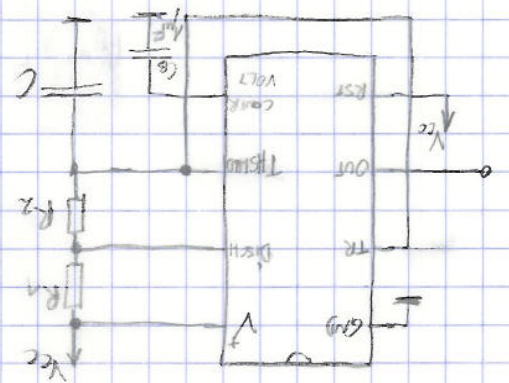
+ Hochsterplatte Gehäuse Kabelbäume, ~~mit Kabelstifte~~ $(\pm U_b)$ ~~mit Kabelstifte~~ $(\pm U_b)$
~~Geräte Buchse~~ ~~Stecker~~, ~~2-pol. Einstecker~~ ~~beleuchtet~~



Handlog: $1/5$ (x2)



Mullinbroder: 500 Hz



Multifunktion: 24Hz

$$\sin \theta' = \frac{v}{c} = \frac{0.5 \cdot 10^8}{2 \cdot 10^8} = 0.25 \Rightarrow \theta' = 14.5^\circ$$

$$R_2 = \frac{0.4}{0.25} = 1.6$$

$$R_1 = \frac{0.7 \cdot C}{0.3 \text{ ms}} - R_2 = 304 \text{ k}\Omega$$

Mullinbroder: 500 Hz

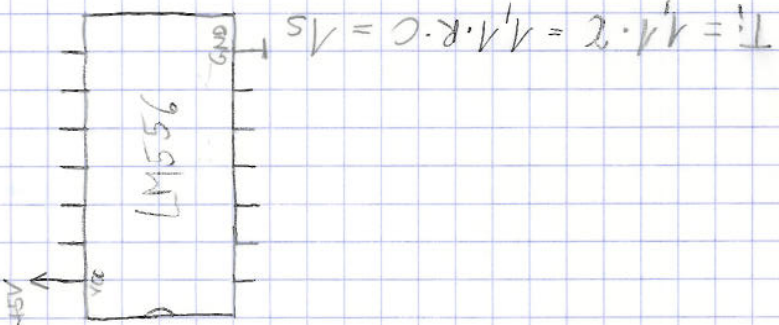
$$\begin{aligned} T_p &= 0.4 \cdot R_2 \cdot C = 0.8 \text{ ms} \\ T_1 &= 0.4 \cdot (R_1 + R_2) \cdot C = 1.1 \text{ ms} \\ T_2 &= 1.1 \text{ ms} \end{aligned}$$

$$\sin \theta' = \frac{v}{c} = \frac{1}{2} \Rightarrow \theta' = 30^\circ$$

$$T_D = 0.4 \cdot R_L \cdot C = 0.8 \text{ ms}$$

$$r_2 = \frac{c \cdot t_0}{\sin \theta} = 2d$$

$$R_1 = \frac{1 \text{ ms}}{0.1 \cdot C} - R_2 = 6 \text{ k}\Omega$$



$$R = \frac{1}{\frac{1}{11 \cdot C} + \frac{1}{100k\Omega}}$$

$$0.5 \times 10^{-3} = \frac{5 \times 10^{-7}}{v}$$

$$R_2 = \frac{0.47 \text{ mF}}{0.13 \text{ ms}} = 3.954 \text{ k}\Omega$$

$$T_p = 0,13ms = 0,1 \cdot R_2 \cdot C$$

$$C \cdot (R_1 + R_2) \cdot \frac{1}{C} = 0.9 \cdot 0 = 5ms = T_1$$

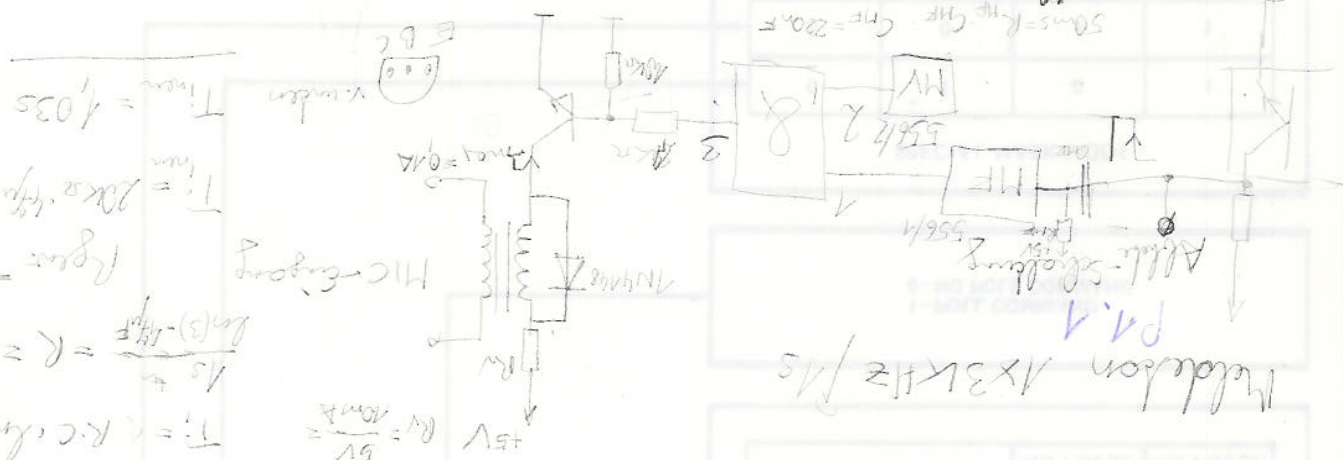
$$\omega_{\text{res}} = \frac{2\pi \nu}{\lambda} = \frac{1}{300}$$

$$2 \cdot L' = dL$$

$$2.50 = 1.11 \text{ M}$$

$$50 \text{ ms} = R_{\text{HF}} \cdot C_{\text{HF}} \quad C_{\text{HF}} = 220 \text{ nF}$$

$$R_{\text{HF}} = \frac{50 \text{ ms}}{220 \text{ nF}} = 45.5 \text{ k}\Omega \quad R_{\text{HF}} = 45 \text{ k}\Omega$$



Modulation 1/3 kHz / Ms

$$T_{max} = 1.035$$

$$1. = 20 \times 10^{-6} \cdot 10^3 \cdot 10^3$$

$$R_{\text{gas}} = 204.2$$

$$R = \frac{\ln(3) - \ln(1/2)}{\ln(3) - \ln(1/2)} = 1$$

$$\overline{1} = R.C. (3)$$

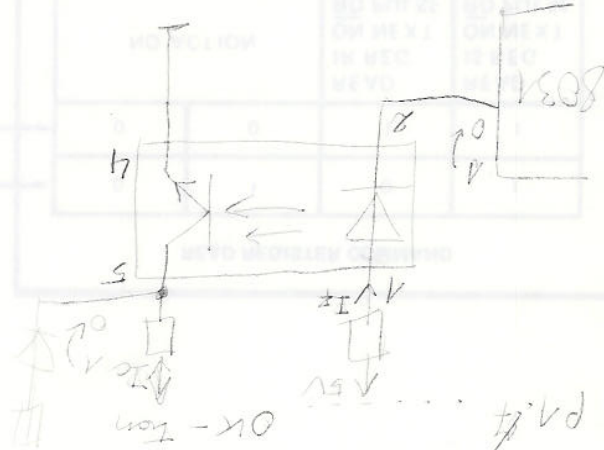
4000
2
8000

12

$$R = \frac{5V}{10mA} = 500 \Omega \Rightarrow 470 \Omega \text{ var.}$$

$$A_{OH} = 2$$

$$I_p = 40 \text{ mA}$$



PC-Addressing
OK - ton

PA. 5 / ENTER-PL

77d-8-7-1-1-1

04.3-7717

7-96 - 7.0d

PMV. - ALHARBEL + Halden

P 1.0 ... London

8) TP - Design

2. *Arctostaphylos*

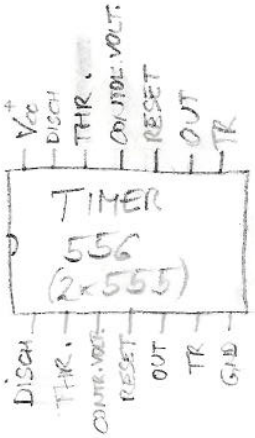
5 PL-Horizont
A PL-Sedimente

14) *Eurhynchium*

2/10/1941

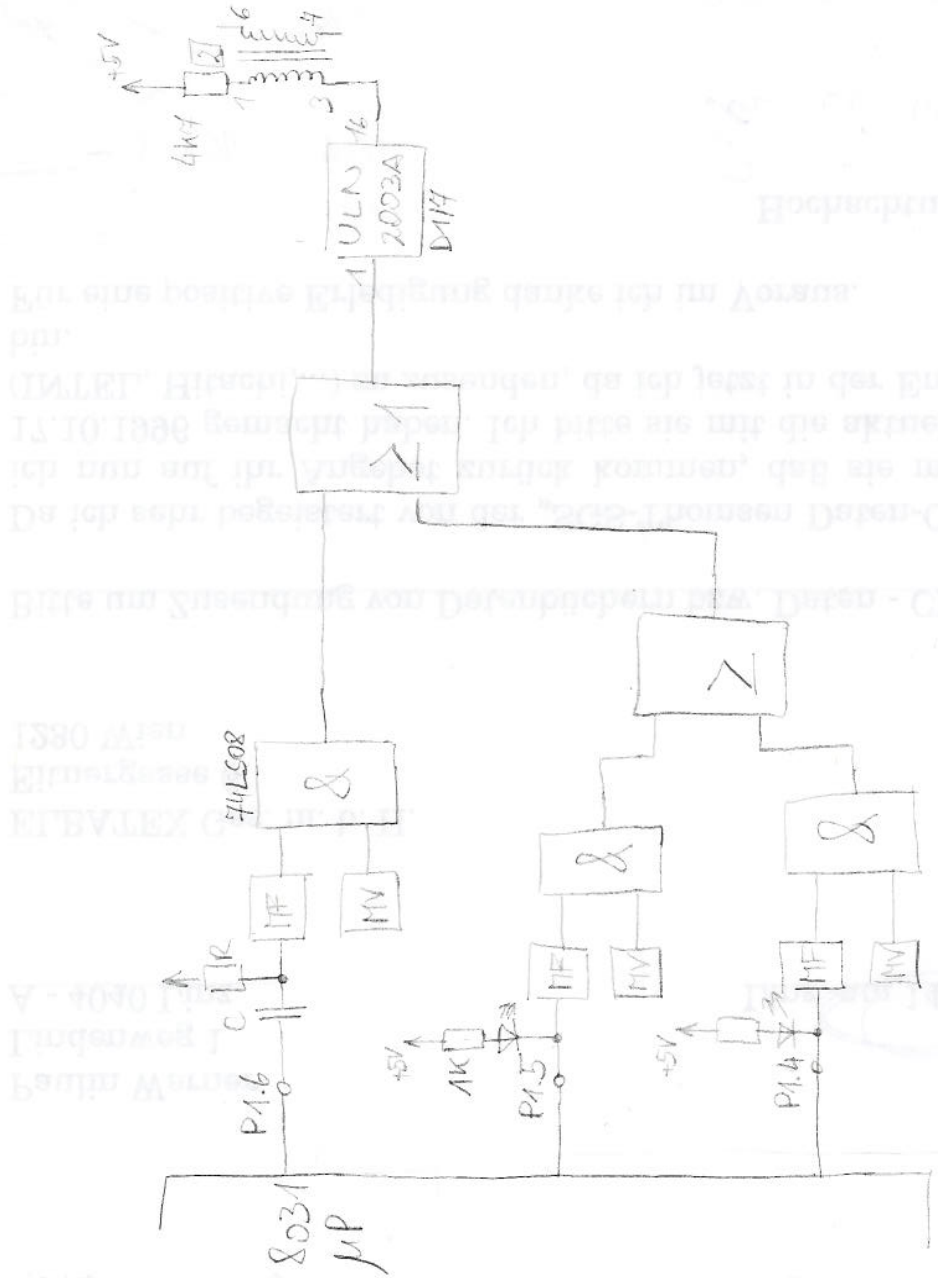
Approved

556:

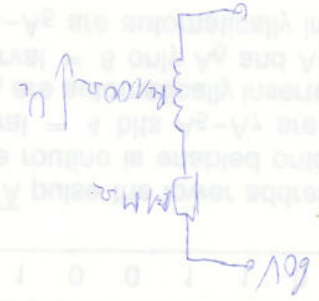
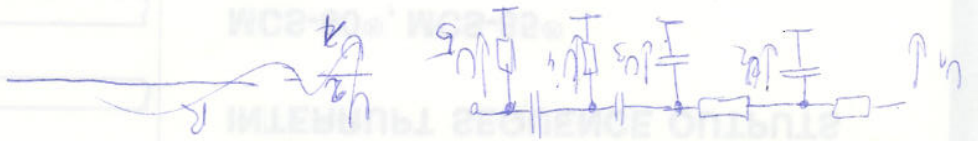


- A2-Schaltung
- Überlagerung
minimieren

Signalton - Blockschaltbild:



Flussdiagramm

 ~~$2x + 1 // 2x = 2$~~ 

$$f = \frac{v}{\lambda} = 50 \text{ Hz}$$

$$\frac{U_1}{U_2} = \frac{\frac{1}{R + \frac{j\omega C}{s}}}{\frac{1}{j\omega C}} = \frac{1}{1 + \frac{R}{j\omega C}} = \frac{j\omega C}{1 + j\omega RC}$$

