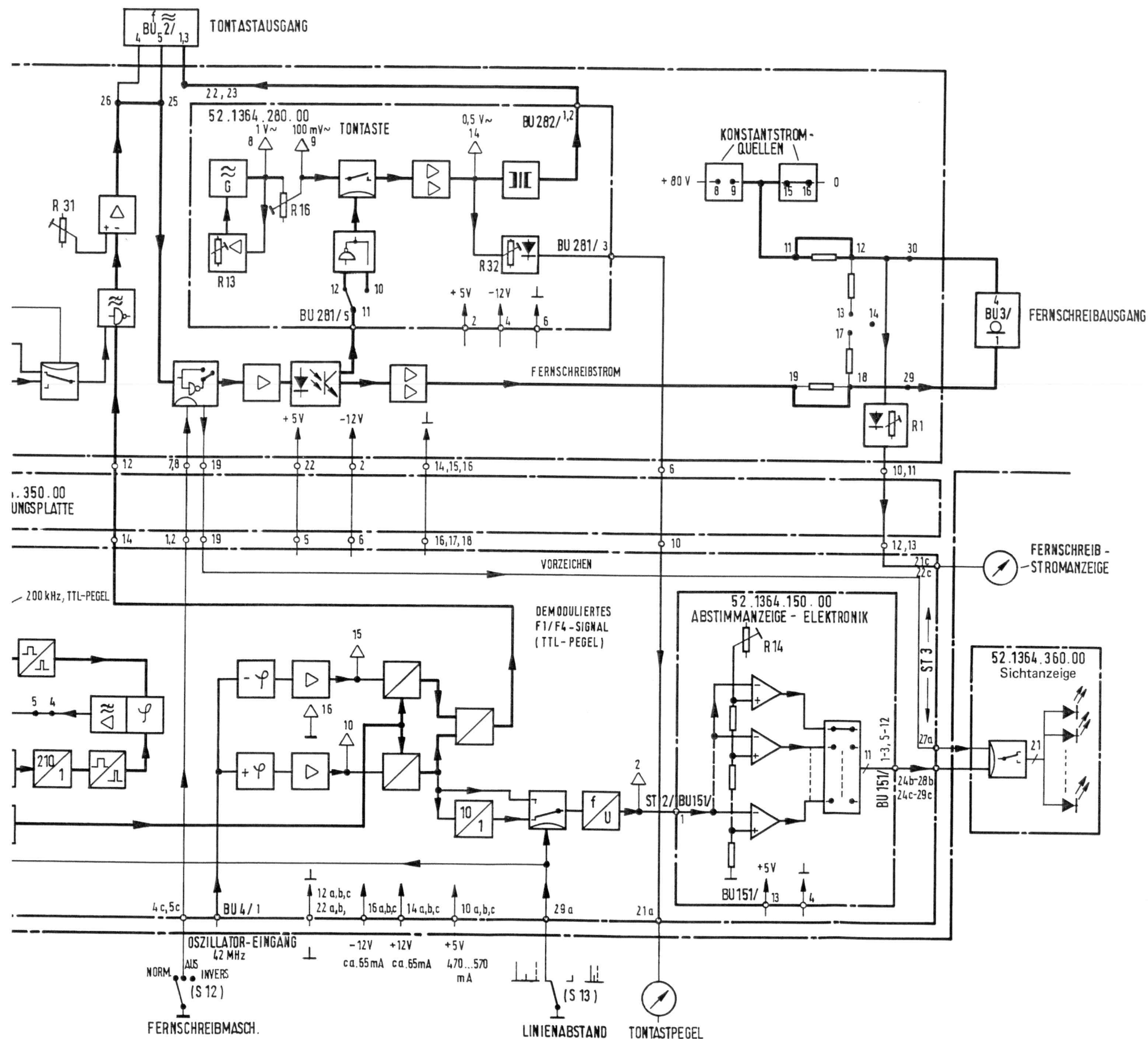




Tontastenausgang
 Einfach-Doppelstromrelais
 Tontaste
 Konstantstromquellen
 Fernschreibstrom
 Fernschreibaussgang
 Verbindungsplatte
 Vorzeichen
 Fernschreibstromanzeige
 TTL-Pegel
 Demoduliertes F1/F4-Signal (TTL-Pegel)
 Abstimmmanzeige-Elektronik
 Sichtanzeige
 ZF-Eingang
 Oszillator-Eingang
 Betriebsart
 Aus
 Fernschreibmasch.
 Linienabstand
 Tontastpegel

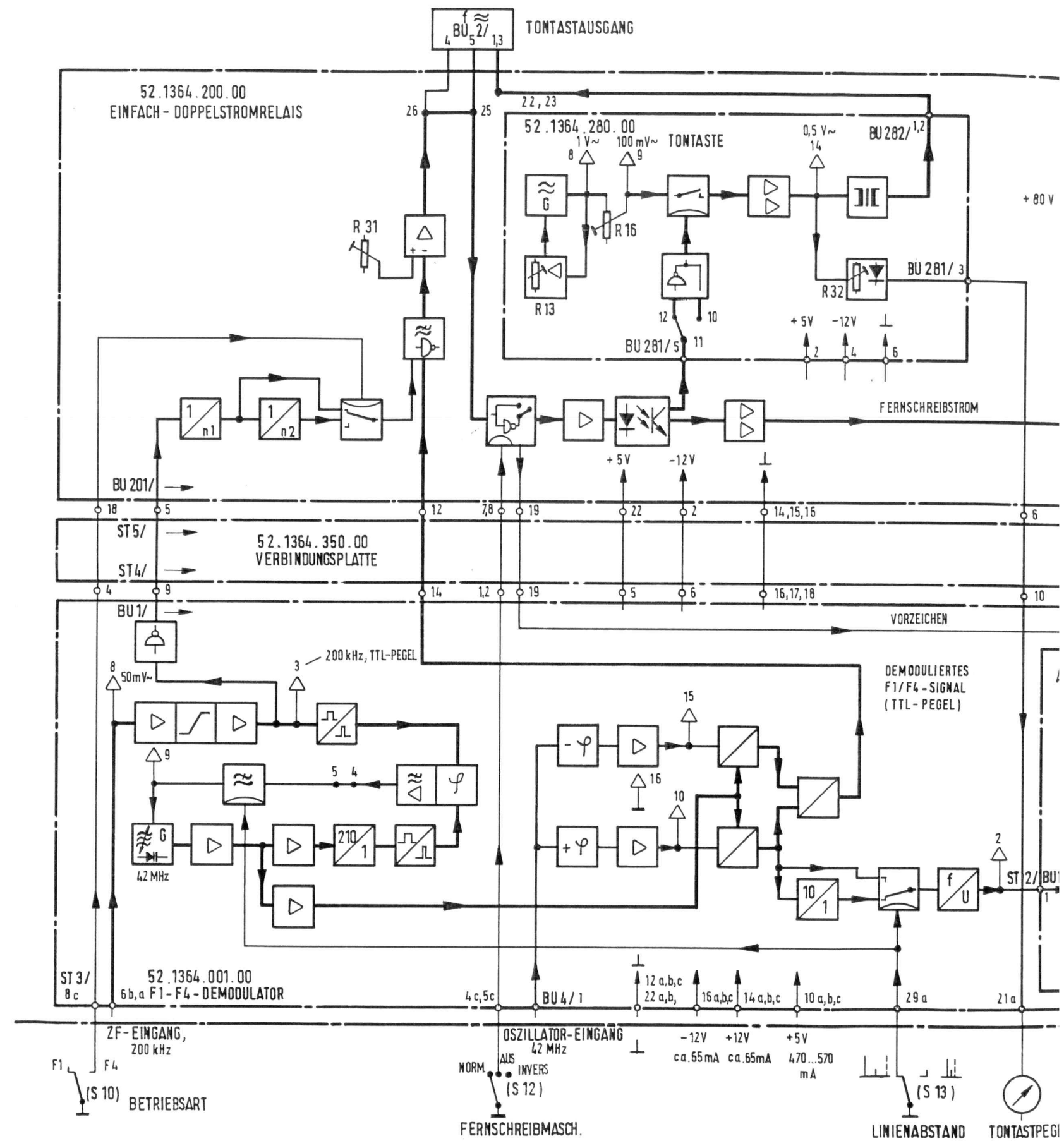
VF Keying Output
 Single/Double Current Relay
 AF Modulator
 Constant Current Sources
 Teletype Current
 Teletype Output
 Interconnections Baseboard
 Polarity
 Teletype Current Indication
 TTL Level
 Demodulated F1/F4 signal (TTL Level)
 Electronic Tuning Indicator
 Visual Display
 IF Input
 Oscillator Input
 Service Type
 off
 Teletypewriter
 Line Separation
 VF Keying Level

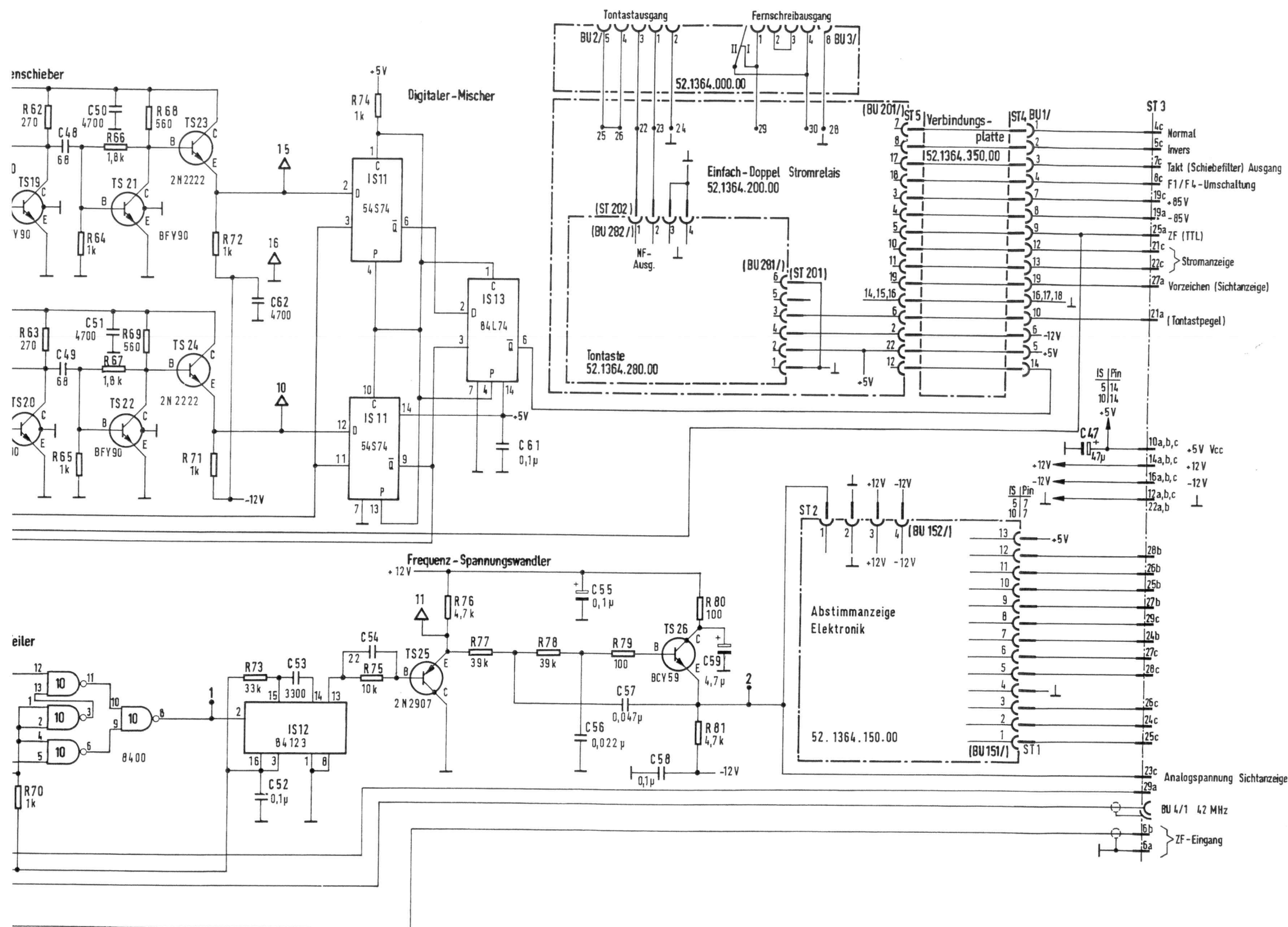
Lage der Lötbrücken:
 a) Gezeichnet ist Einfachstrombetrieb
 b) Doppelstromb. Brücke 15-16 entfällt
 c) ± 6 V Datenausg. (V 24): Wie Doppel-
 strom. Ferner Brücke 11-12 und 18-19
 entfällt, Brücke 13-14-17 hinzu

Position of soldered links:
 a) Single current operation is shown
 b) Double current operation link 15-16 omitted,
 link 8-9 added.
 c) Data output ± 6 V (V 24): As double current
 operation. Links 11-12 and 18-19 also omitted,
 link 13-14-17 added.

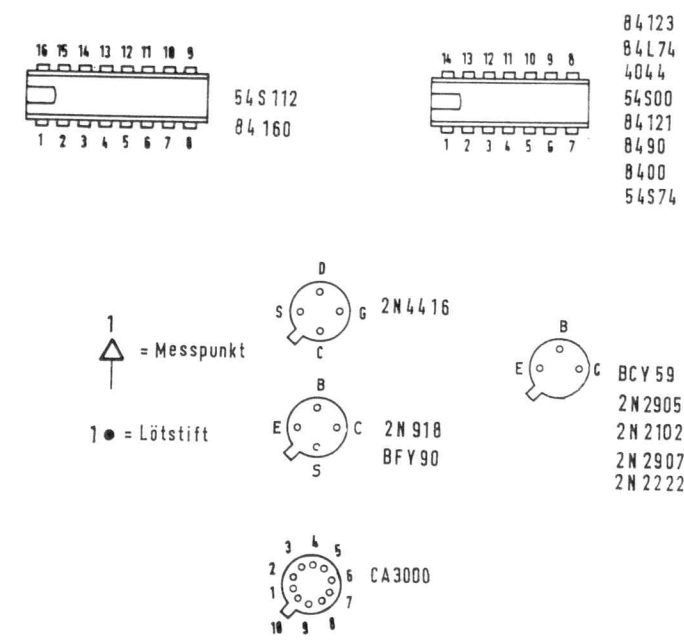
Übersichtsschaltplan Telegraphie-Demodulator TD 1500
 Block Diagram of Telegraphy Demodulator TD 1500
 Anlage 25/Annex 25
 Blatt 1/Sheet 1

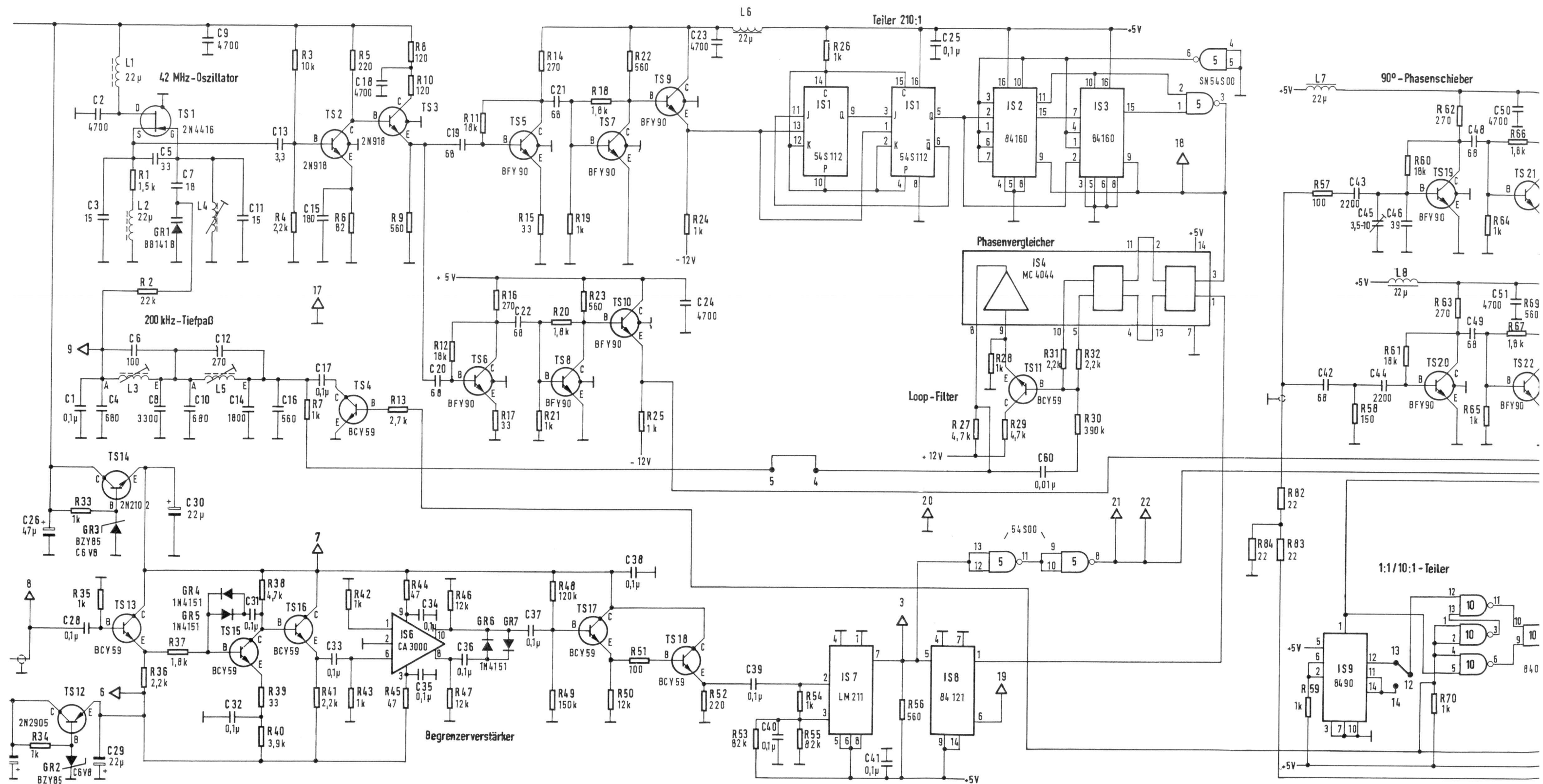


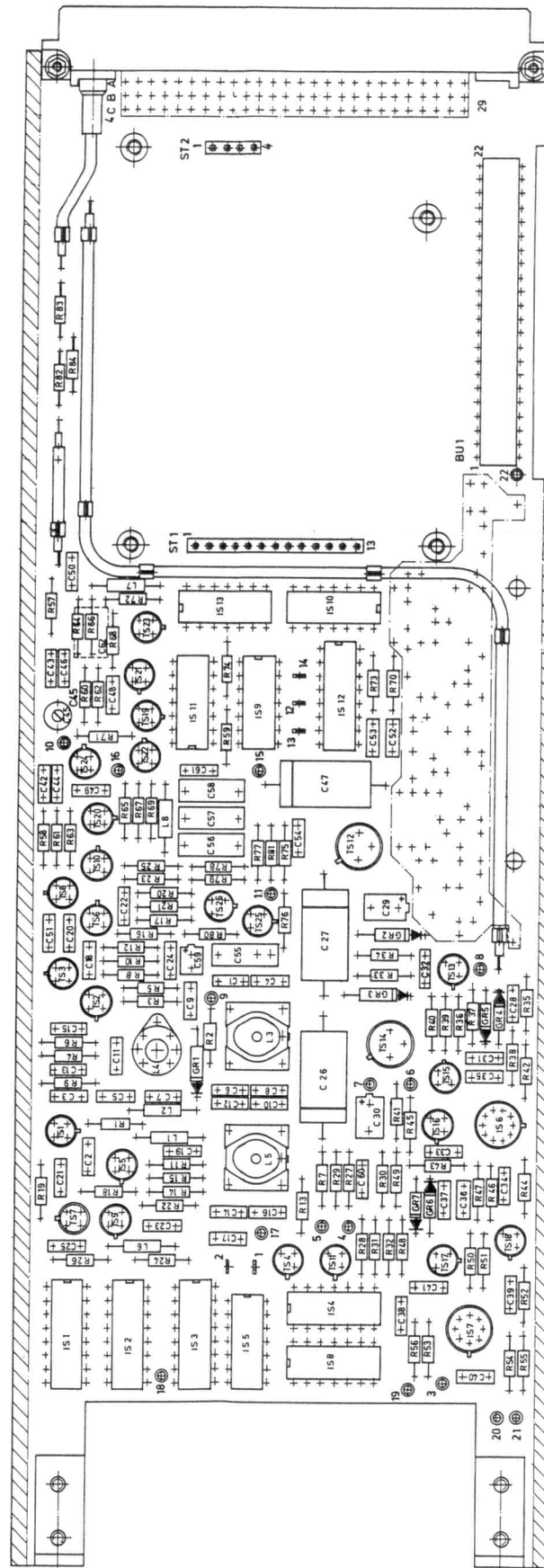




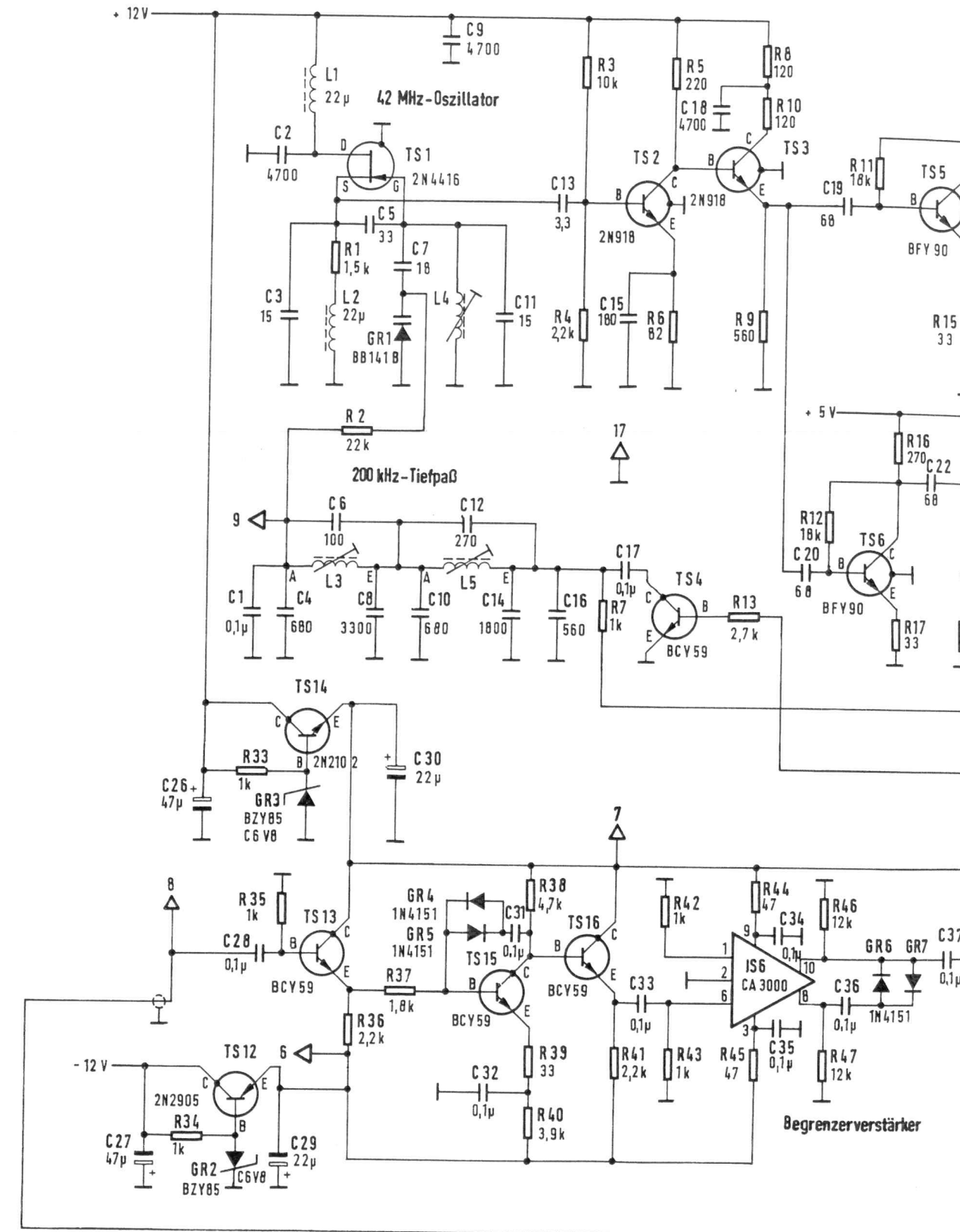
- | | |
|------------------------------|--------------------------------|
| Messpunkt | Test Point |
| Lötstift | Soldering Pin |
| 42 MHz-Oszillator | 42 MHz Oscillator |
| 200 kHz-Tiefpaß | 200 kHz Low-Pass Filter |
| Begrenzerverstärker | Limiter Amplifier |
| Teiler 210 : 1 | 210 : 1 Divider |
| Phasenvergleich | Phase Comparator |
| Loop-Filter | Loop Filter |
| 90°-Phasenschieber | 90° Phase Shifter |
| 1:1/10:1-Teiler | 1:1/1:10 Divider |
| Digitaler Mischer | Digital Mixer |
| Frequenz-Spannungswandler | Frequency to Voltage Converter |
| Tontastenausgang | VF Keying Output |
| Fernschreibausgang | Teletype Output |
| Einfach-Doppel-Stromrelais | Single/Double Current Relay |
| NF-Ausgang | AF Output |
| Tontaste | AF Modulator |
| Verbindungsplatte | Interconnections Baseboard |
| Normal | Normal |
| Invers | Inverse |
| Takt (Schiebefilter) Ausgang | Clock (Shift Filter) Output |
| F1/F4-Umschaltung | F1/F4 Switchover |
| ZF (TTL) | IF (TTL) |
| Stromanzeige | Current Indication |
| Vorzeichen (Sichtanzeige) | Sign (Visual Display) |
| (Tontastpegel) | (VF Keying Level) |
| Abstimmmanzeige Elektronik | Electronic Tuning Indicator |
| Analogspannung Sichtanzeige | Analog Voltage, Visual Display |
| ZF-Eingang | IF Input |

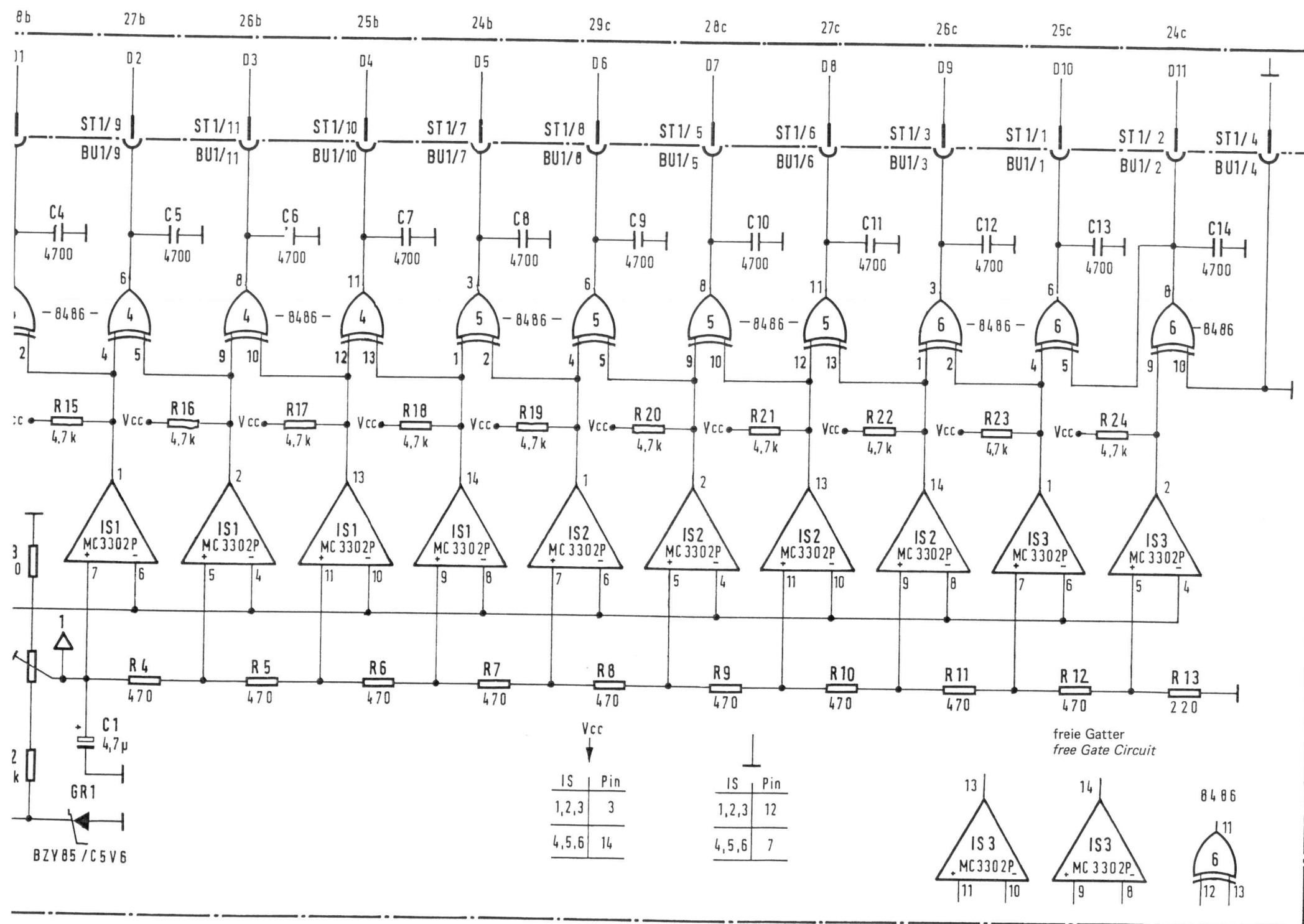




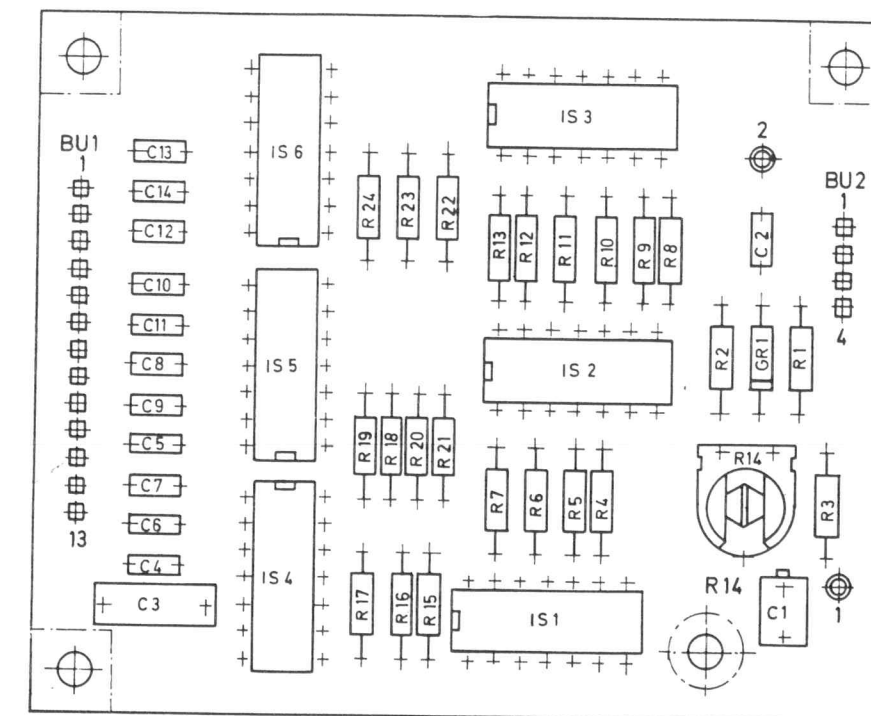


Bestückungsplan/Printed Circuit Board

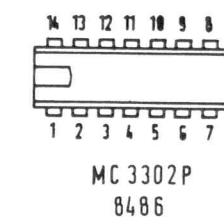


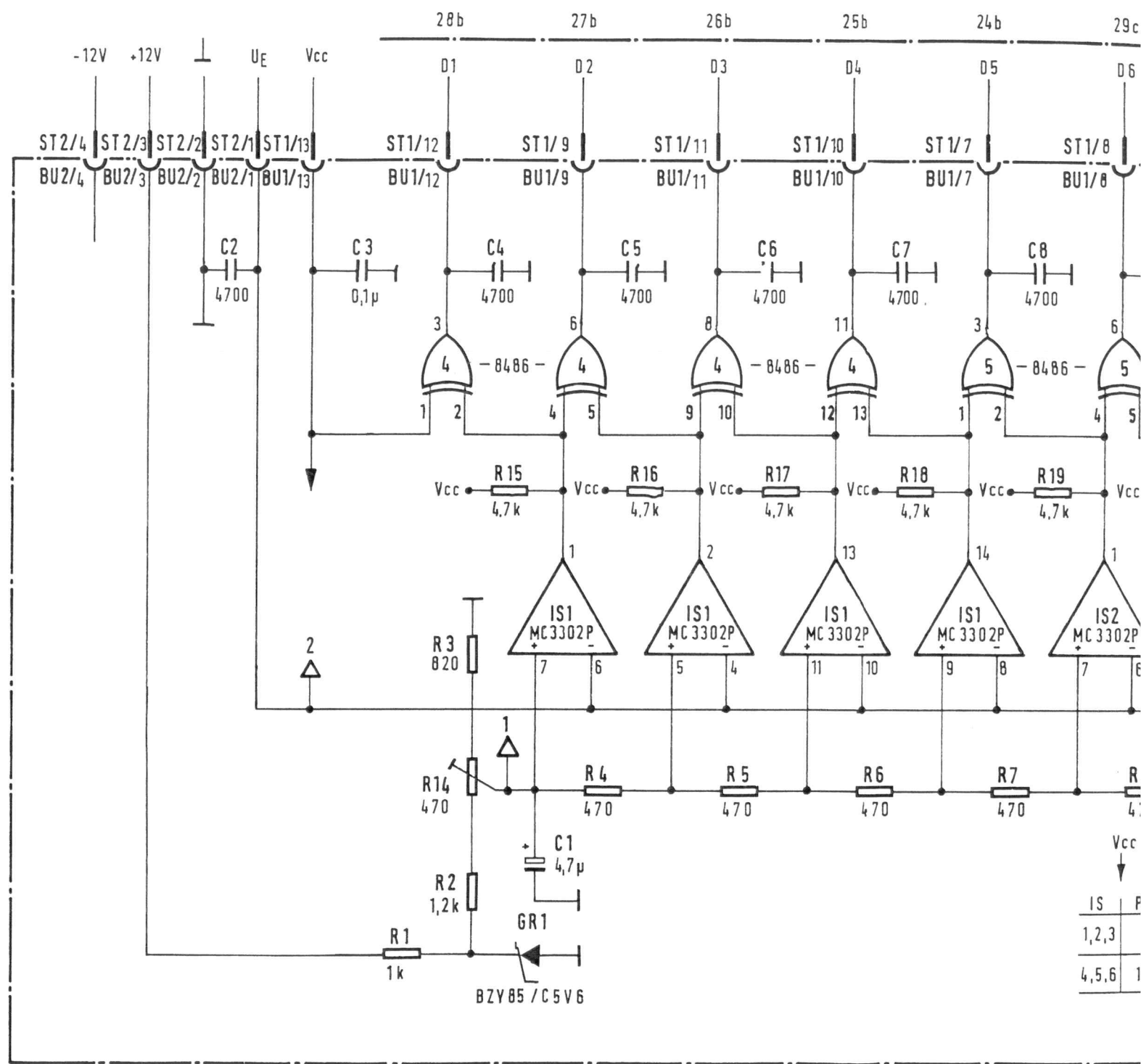


Zu jeder Schalteilnummer 150 addieren
Add 150 to each components number

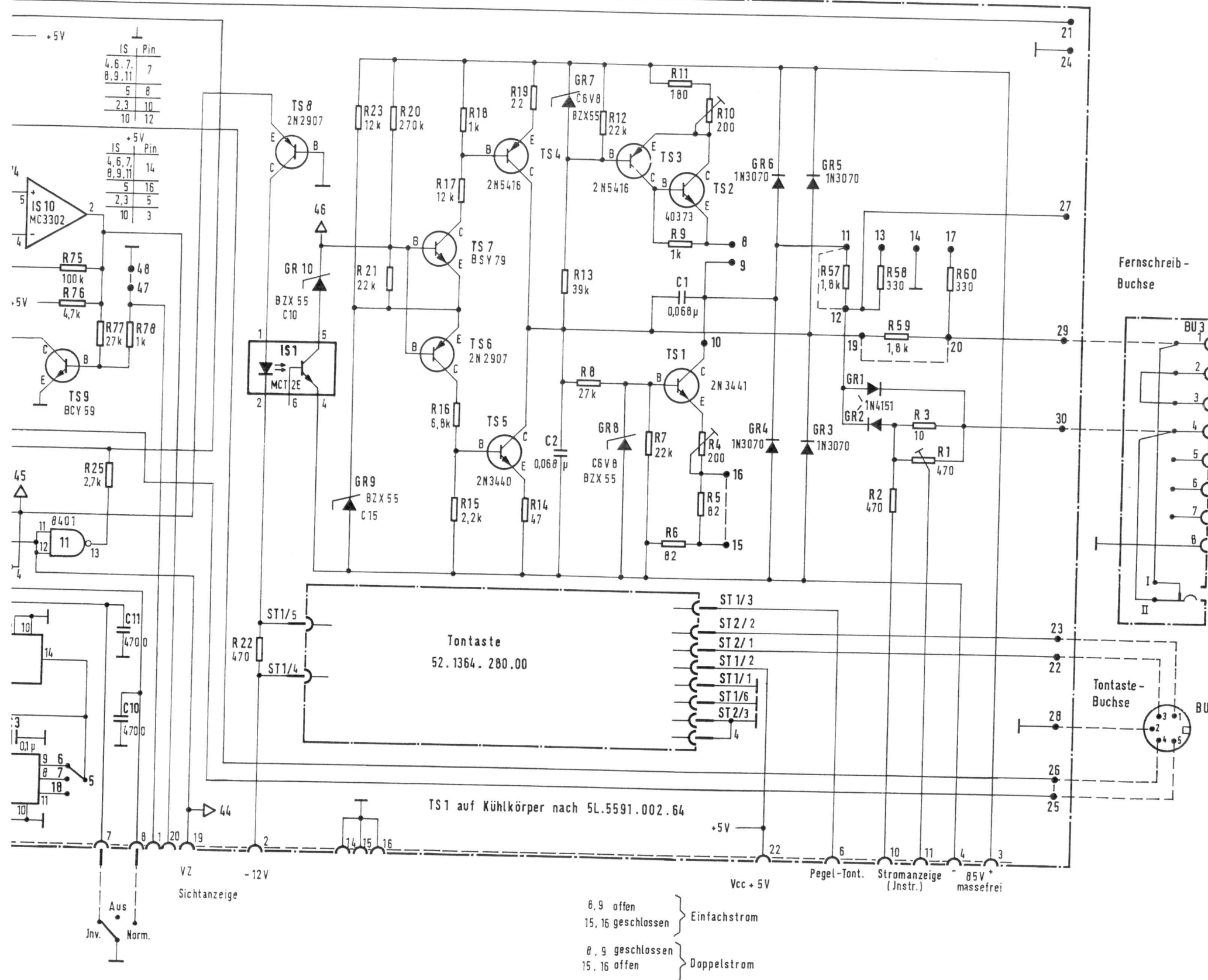


Bestückungsplan/ Printed Circuit Board



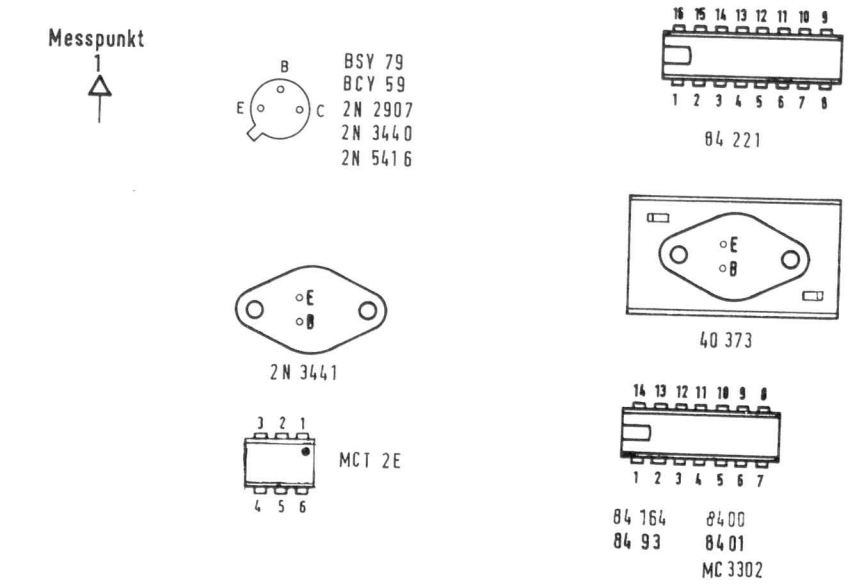


Zu
Ad

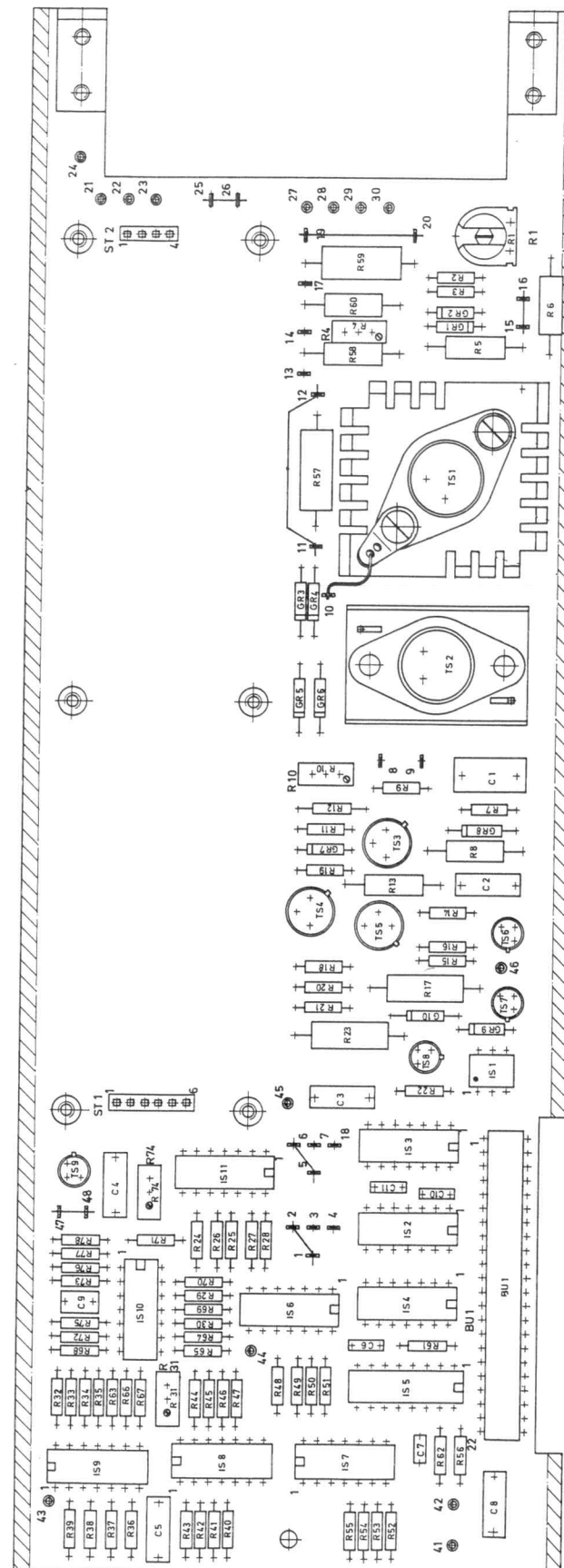


Schiebefilter - Takt
ZF (TTL) Eingang
F1/F4-Signal
Inv.
Aus
Norm.
Sichtanzeige
massefrei
Tontaste
TS 1 auf Kühlkörper nach 5L.5591.002.64
offen
geschlossen
Einfachstrom
Doppelstrom
Pegel-Tont.
Stromanzeige (Instr.)
Fernschreib-Buchse
Tontaste - Buchse
Messpunkt

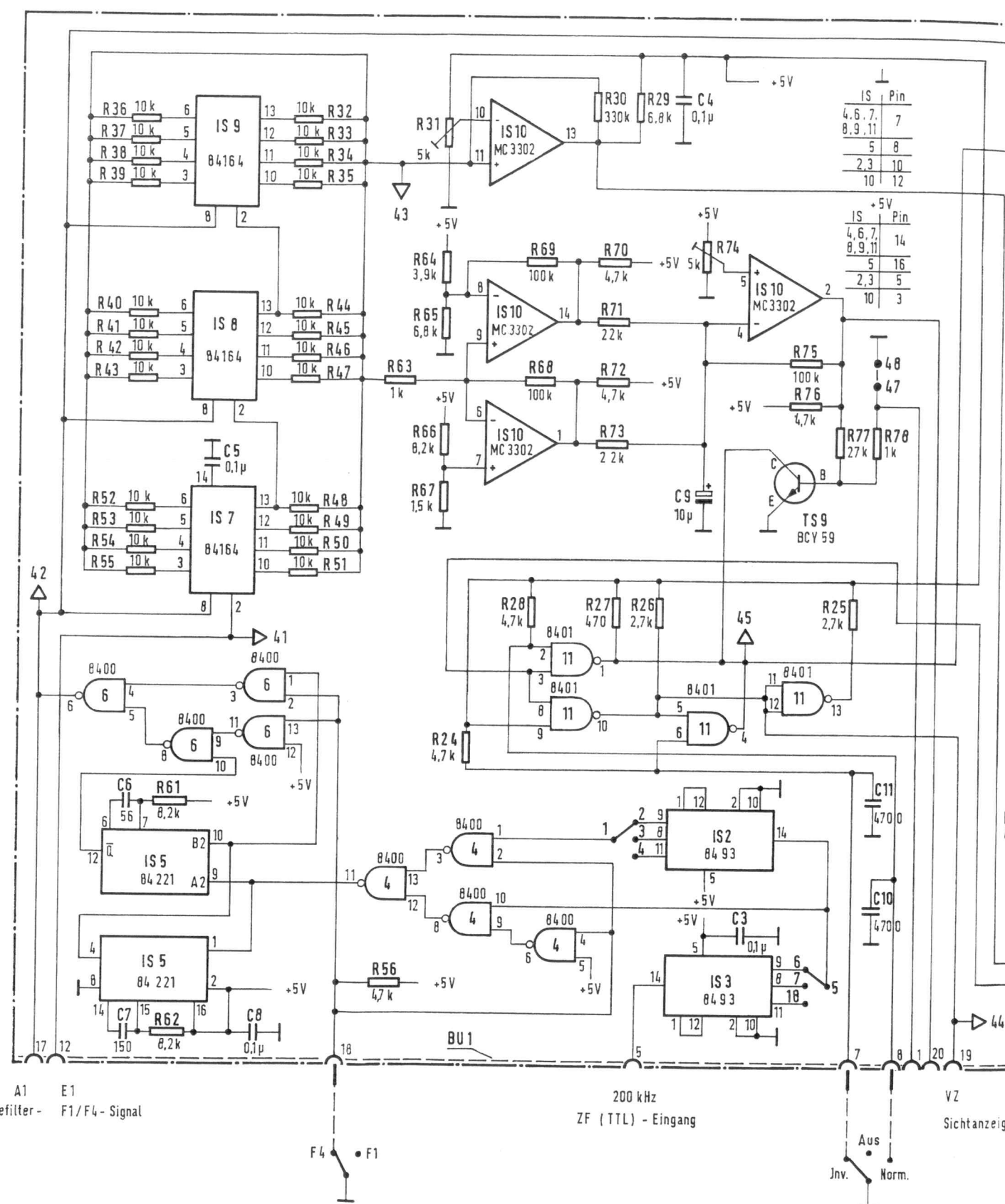
Shift Filter Clock
IF Input (TTL)
F1/F4 Signal
Inverse
Off
Normal
Visual Display
floating
AF Modulator
TS 1 on cooling fin according to 5L.5591.002.64
open
closed
Single Current
Double Current
VF-Keying Level
Current Indication (Meter)
Teletypewriter Jack
AF Modulator Jack
Test point

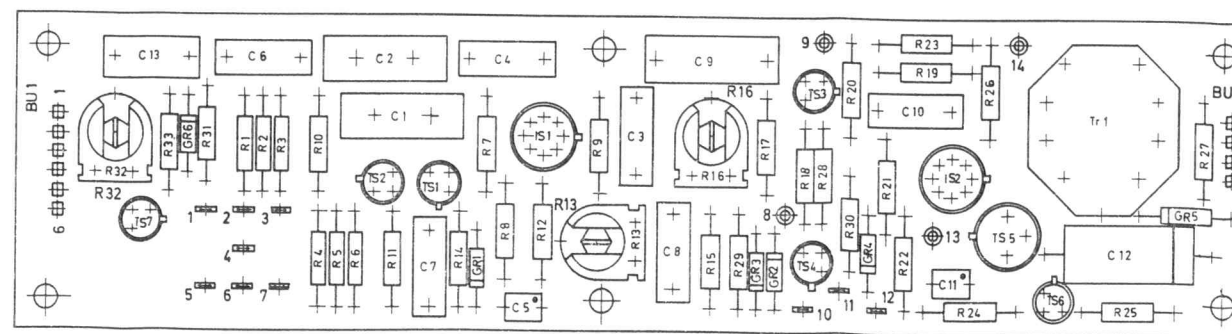
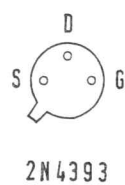
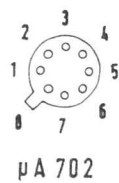
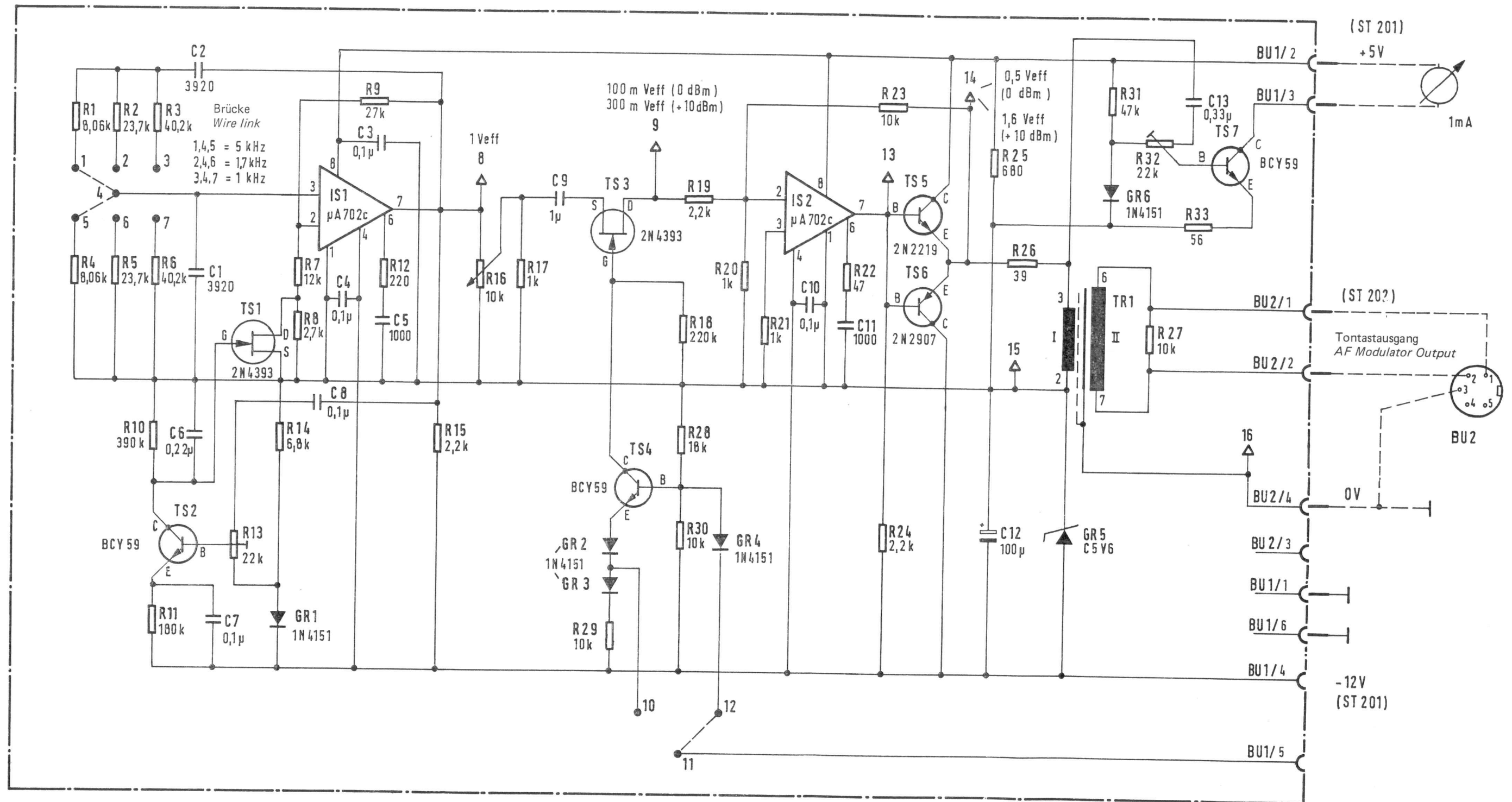


zu jeder Schalteilnummer 200 addieren
Add 200 to each component number



Bestückungsplan/Printed Circuit Board



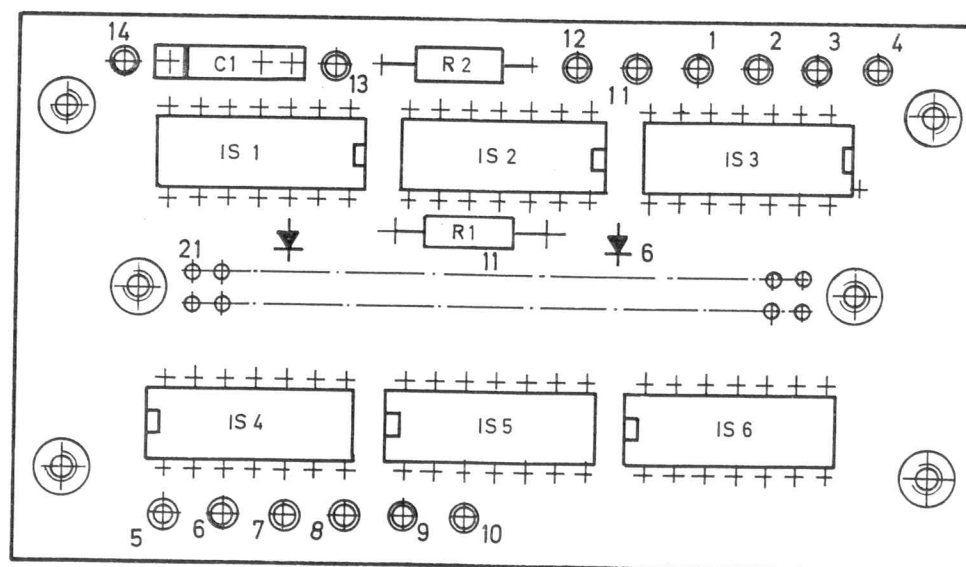
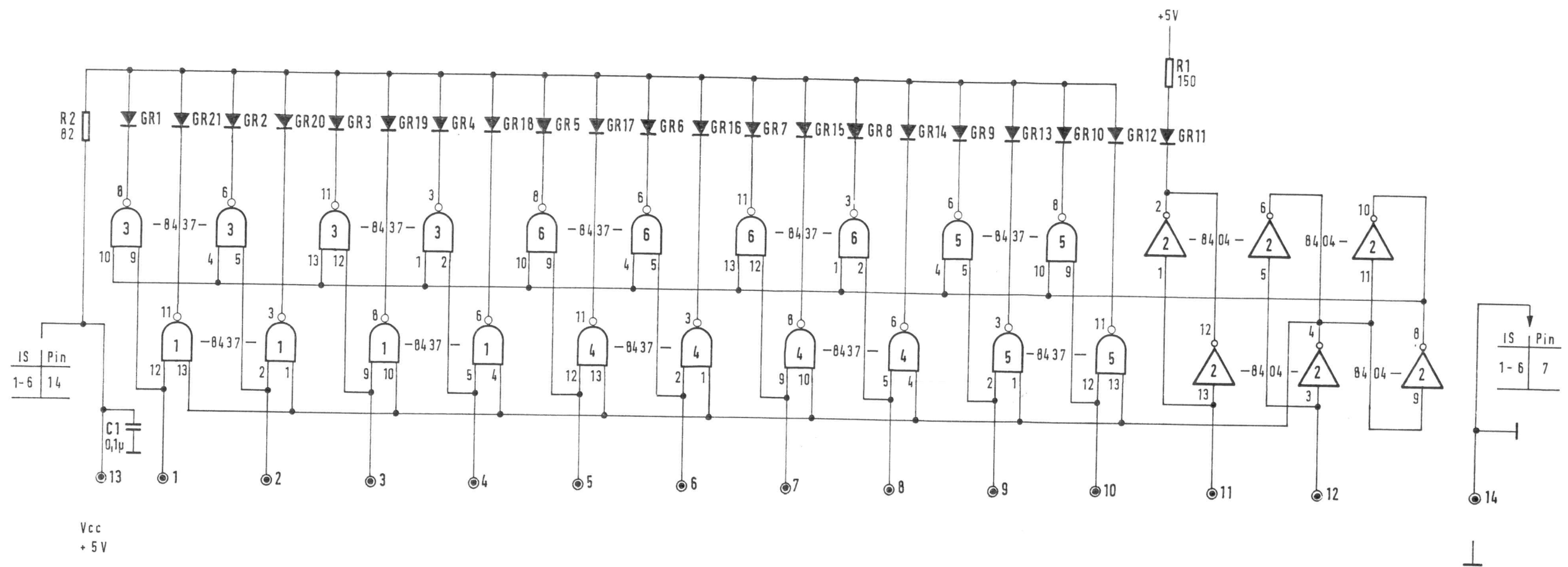


Zu jeder Schaltteilnummer 280 addieren
Add 280 to each components number

1 • = Lötstift
Soldering Pin

↑ = Meßpunkt
Test Point





Bestückungsplan/Printed Circuit Board

