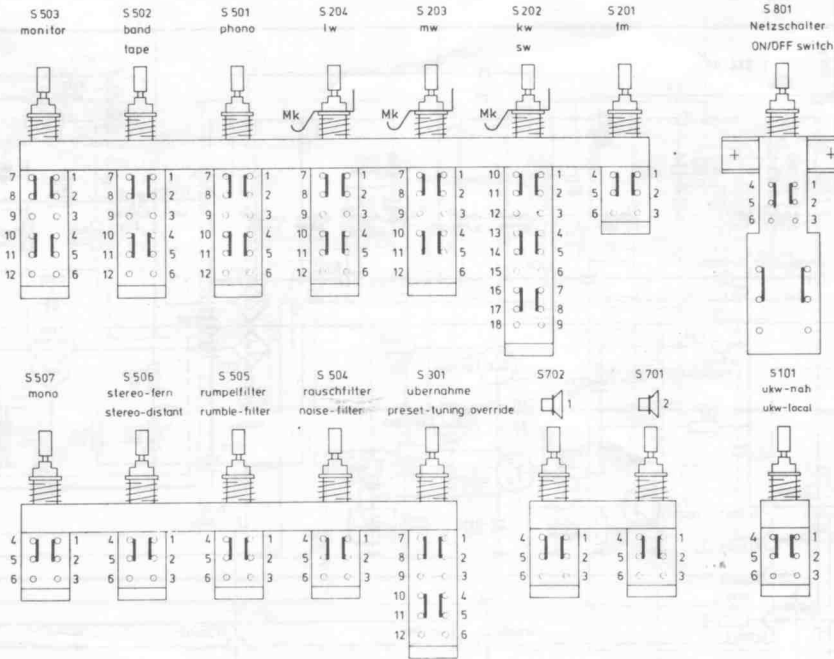


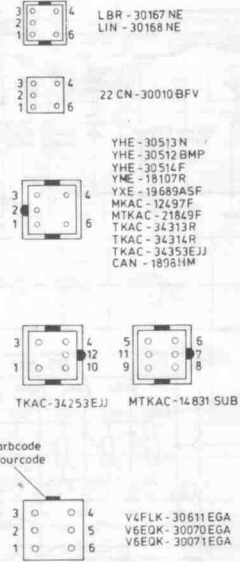
# Anschlußcode Connection Code

## Tastatur Keys

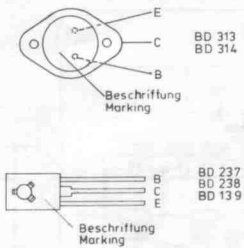


## Filter Filters

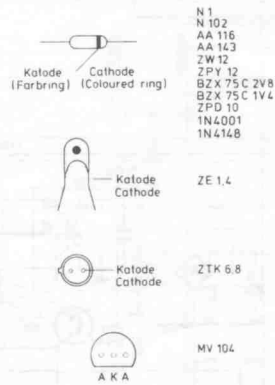
(auf die Anschlüsse gesehen)  
(looking at the connections)



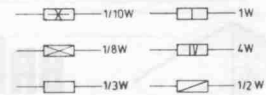
## Transistoren Transistors



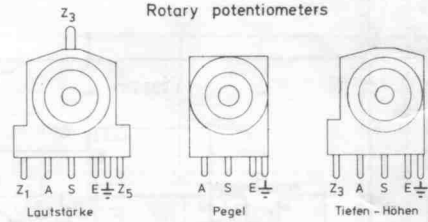
## Dioden Diodes



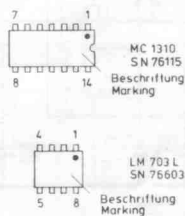
## Widerstände Resistors



## Drehwiderstände Rotary potentiometers



## Integrierte Schaltungen Integrated circuits



(auf die Lotanschlüsse gesehen)  
(looking at the connections)

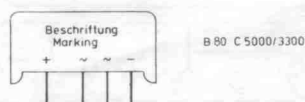
## Elko Electrolytic capacitor



## Tantal elko Tantalum capacitor

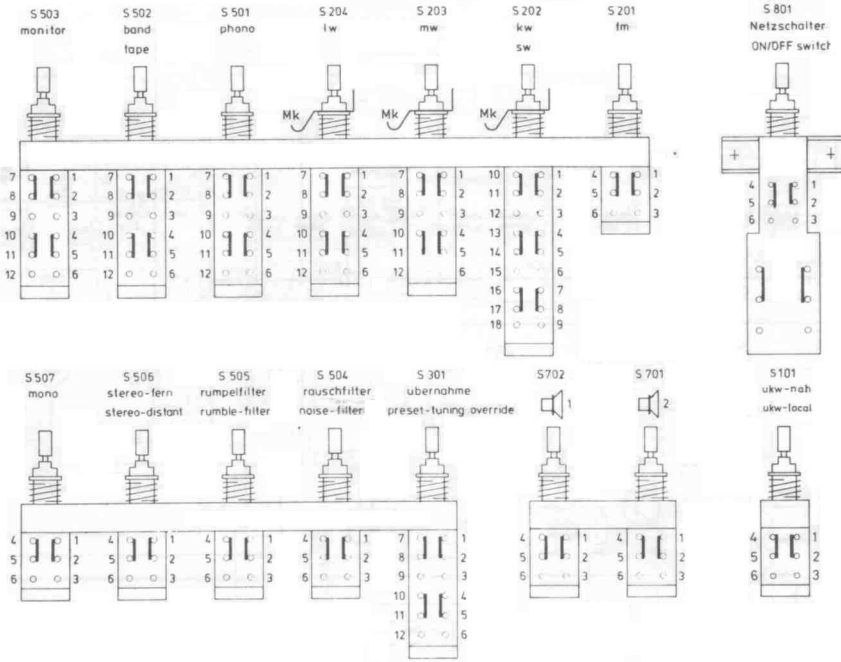


## Gleichrichter Rectifier



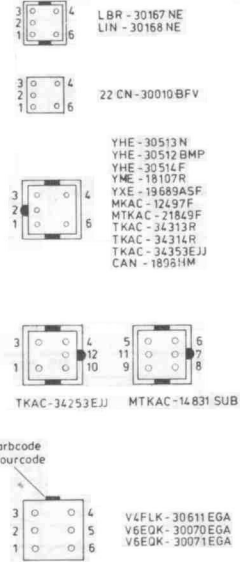
# Anschlußcode Connection Code

## Tastatur Keys

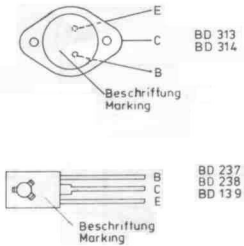


## Filter Filters

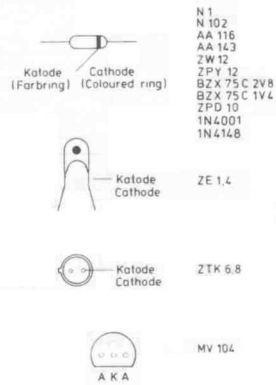
(auf die Anschlüsse gesehen)  
(looking at the connections)



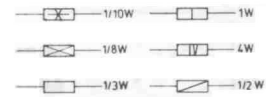
## Transistoren Transistors



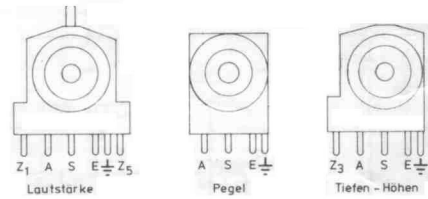
## Dioden Diodes



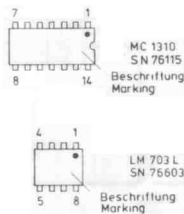
## Widerstände Resistors



## Drehwiderstände Rotary potentiometers



## Integrierte Schaltungen Integrated circuits

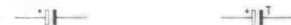


(auf die Lötanschlüsse gesehen)  
(looking at the connections)

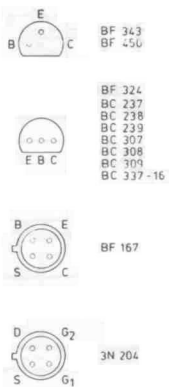


## Eiako Electrolytic capacitor

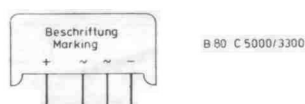
## Tantal eiako Tantalum capacitor



(auf die Anschlüsse gesehen)  
(looking at the connections)



## Gleichrichter Rectifier



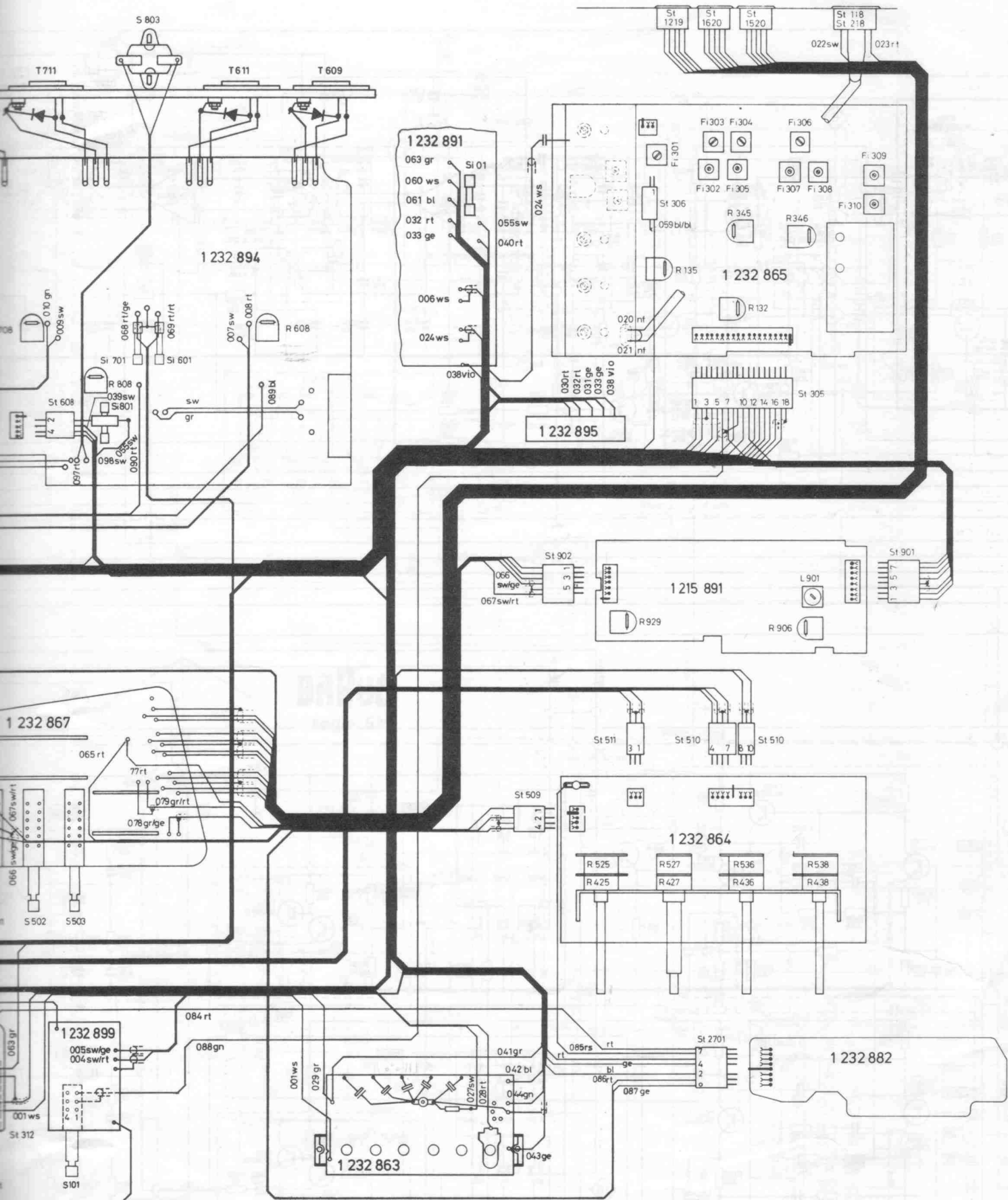
**BRAUN**

**Technische Information**  
**Stromlaufplan**

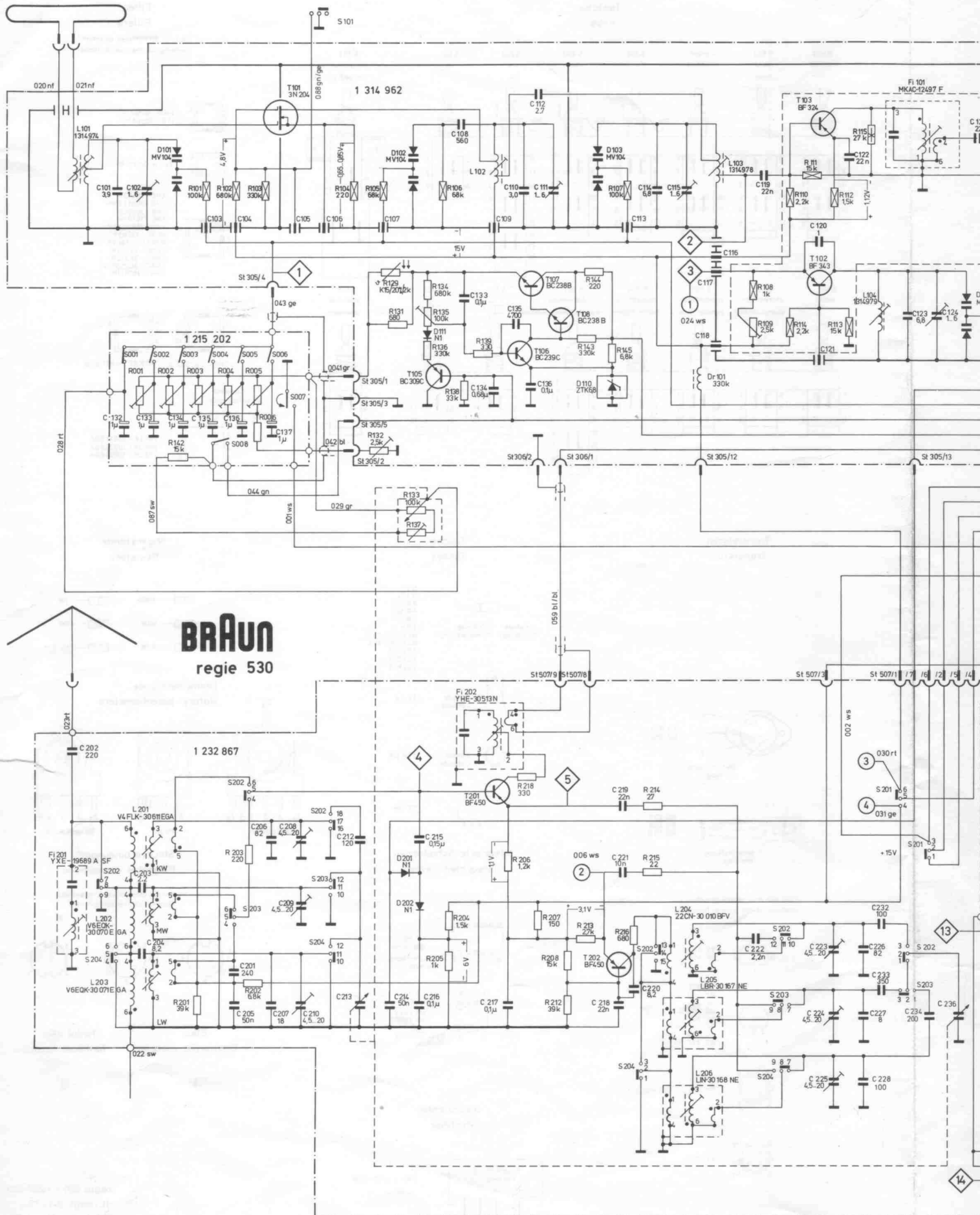
**Typ: regie 530**

**Service Manual**  
**Circuit Diagram**

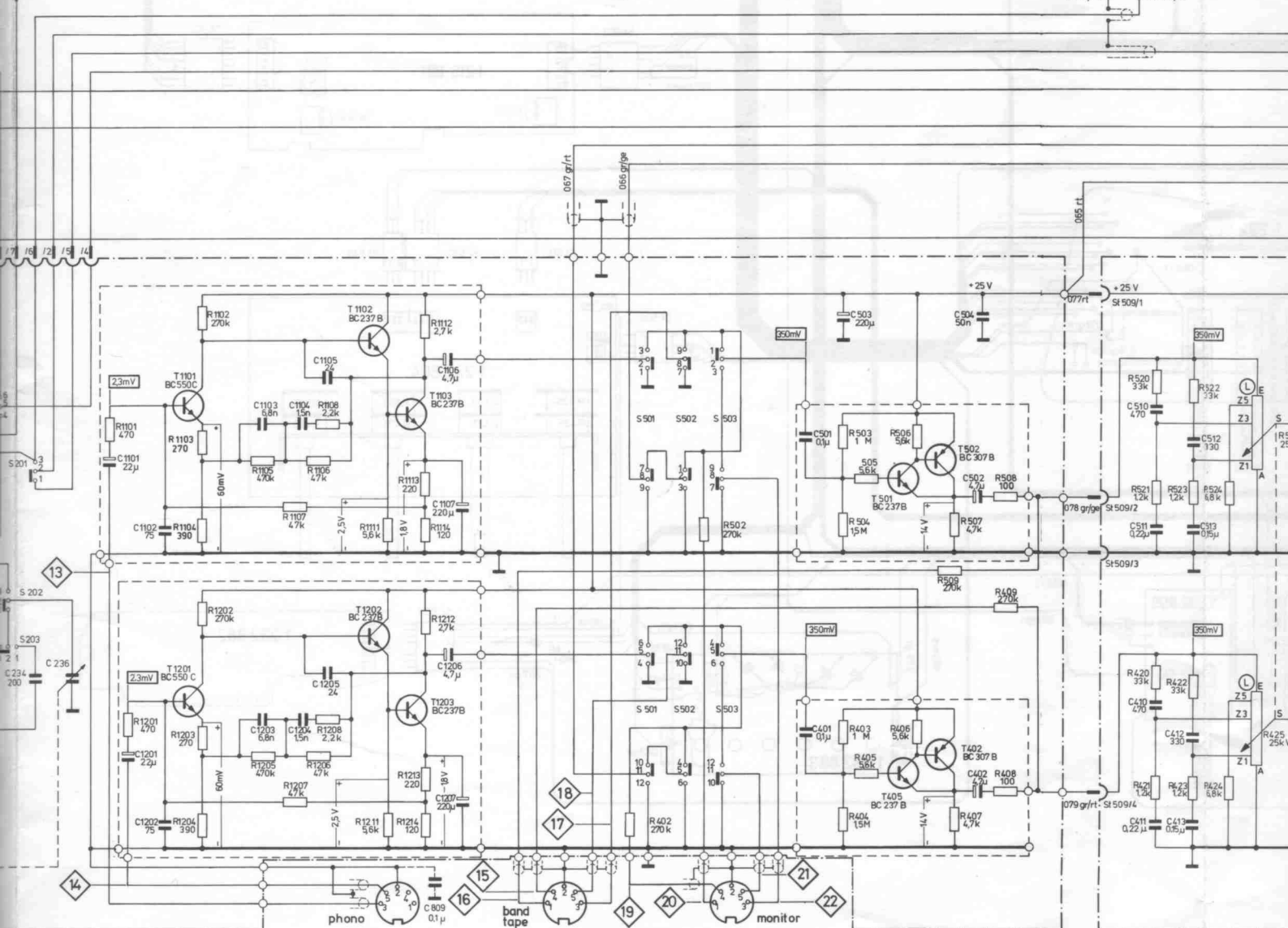
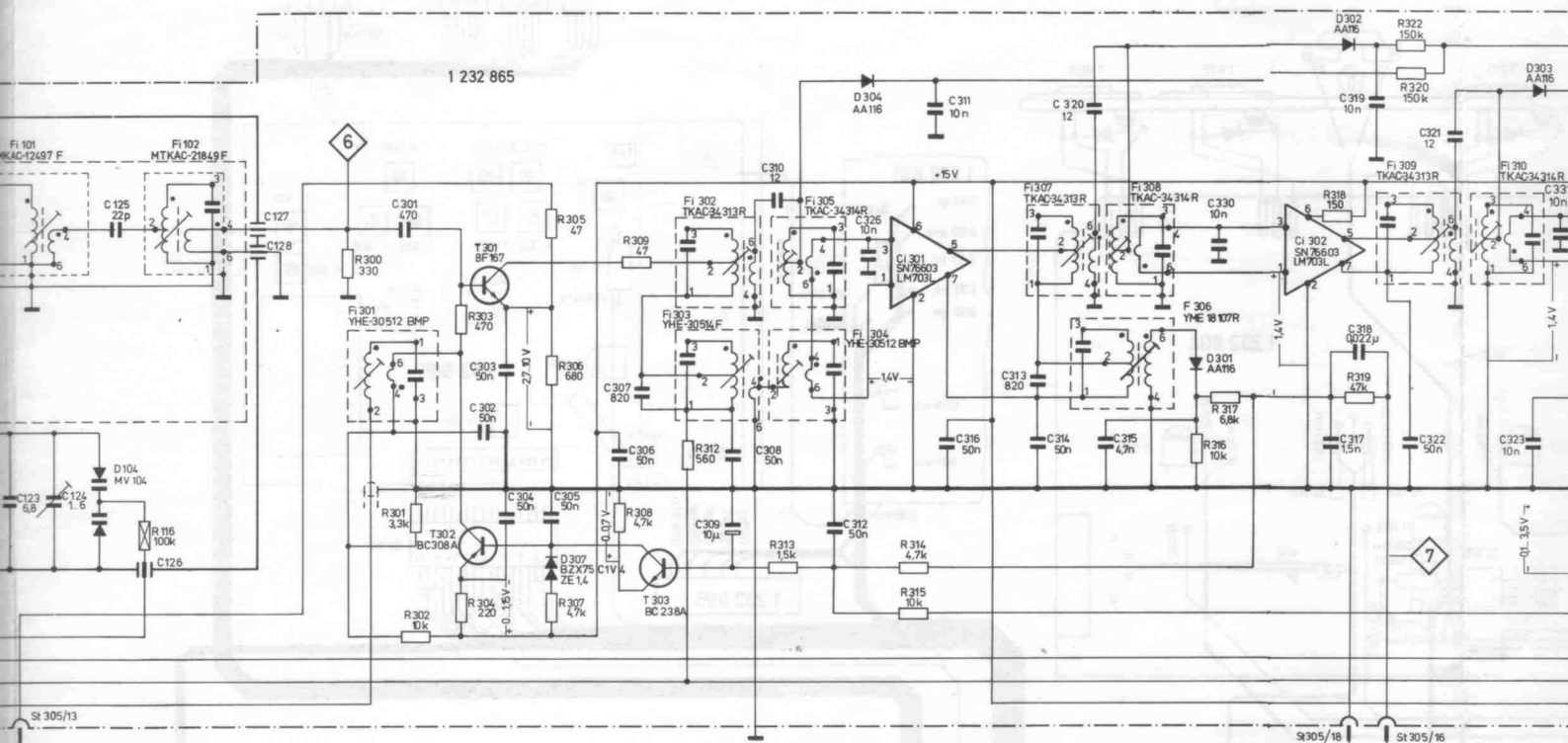




# Stromlaufplan Circuit Diagram



1 232 865









### Gezeichnete Schalterstellungen:

Betriebsarten- schalter	Mittelwellen-Taste gedrückt
Lautsprecher- Wahlschalter	Lautsprecher 1 gedrückt
Speichereinheit	S 001 gedrückt

Die angegebenen Spannungswerte ohne Klammer sind ohne Signal, die angegebenen Spannungswerte mit Klammer sind mit Nennleistung, mit einem Instrument  $R_i \geq 50 \text{ k}\Omega/\text{V}$  bei Netzspannung 220V und bei einer Umgebungstemperatur von 25 °C zu messen.

Spannungsangaben ohne Bezugslinie sind gegen Masse zu messen. Die angegebenen Spannungen können um  $\pm 15\%$  abweichen.

Die Anfänge der Spulenwicklungen sind im Stromlaufplan mit einem Punkt versehen.

### Frequenzbereiche:

FM	87,5 ... 104 MHz	FM/ZF:	10,7 MHz
KW	5,8 ... 7,5 MHz	AM/ZF:	460 kHz
MW	510 ... 1650 kHz		
LW	145 ... 350 kHz		

### Oszillatorspannungen:

FM	130...200 mV am Emitter T 102	} Meß- punkt 3
KW	70... 90 mV am Emitter T 201	
MW	60...100 mV am Emitter T 201	} Meß- punkt 5
LW	70...110 mV am Emitter T 201	

gemessen mit UHF-Millivoltmeter URV  
Rhode & Schwarz.

### Switches are shown in the following positions:

Function selector:	AM button depressed
Loudspeaker selector:	Loudspeaker, 1 button depressed
FM pushbutton tuner:	S 001 depressed

Voltages not in parentheses are without signal.

Voltages in parentheses are measured with rated output.

Voltages are measured with a 50 k  $\Omega$ /Volt meter, with 220 V mains voltage, and at 25 °C (77 °F) ambient temperature.

Unless otherwise indicated by reference lines, voltages are measured with respect to chassis. Voltages may vary  $\pm 15\%$ .

Coils are shown with start of winding indicated by a dot.

### Tuning range:

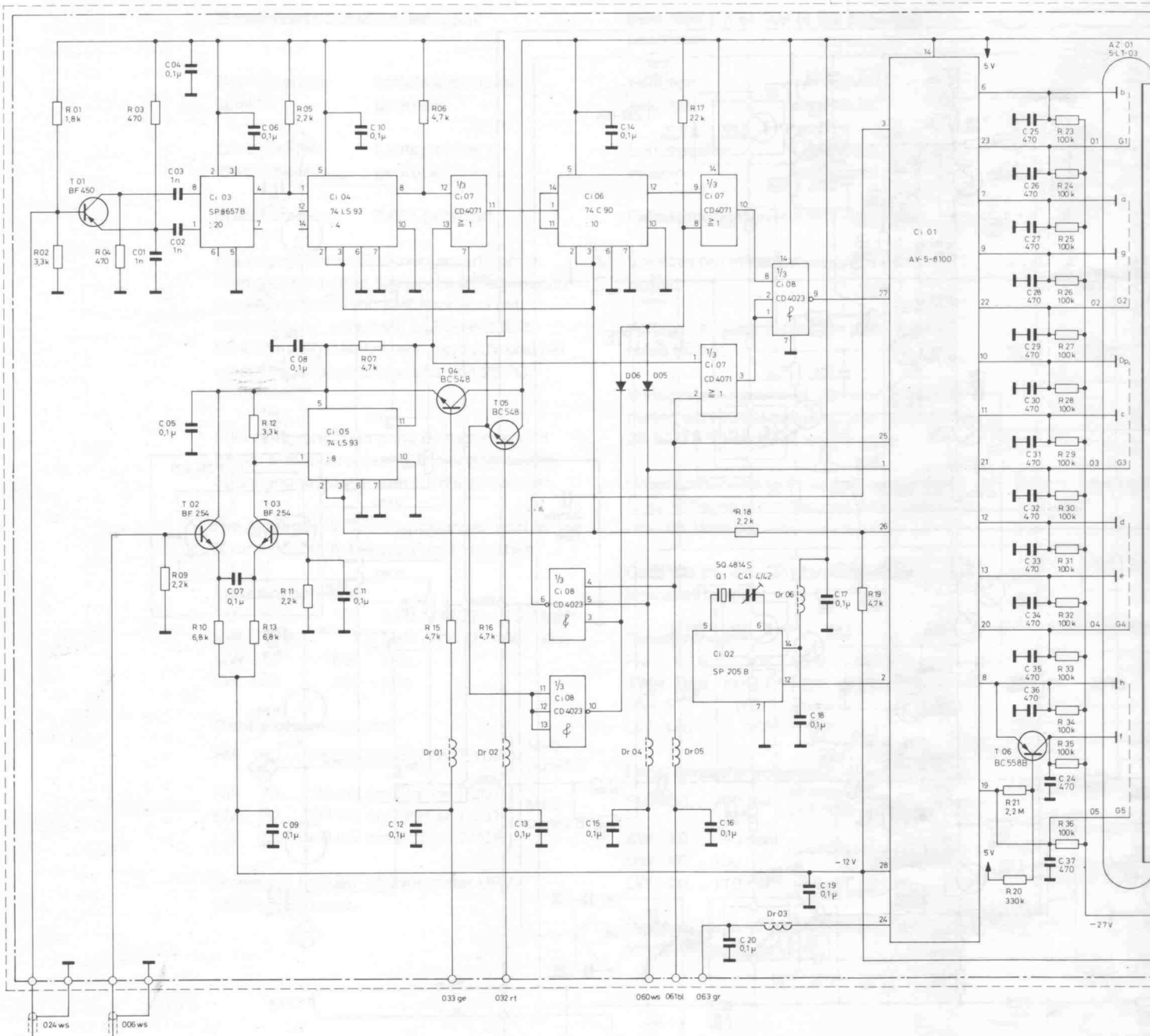
FM	87,5 ... 104 MHz	FM IF:	10,7 MHz
SW	5,8 ... 7,5 MHz	AM IF:	460 kHz
MW	510 ... 1650 kHz		
LW	145 ... 350 kHz		

### Local oscillator voltages:

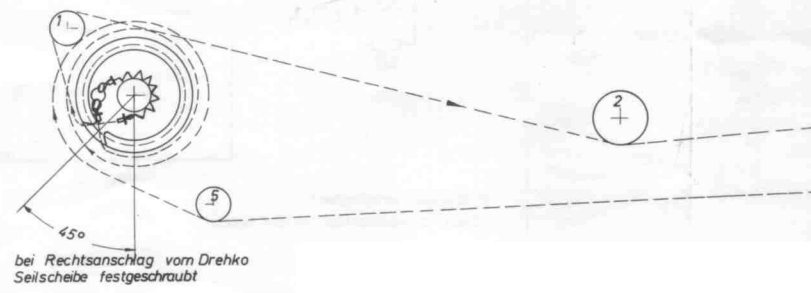
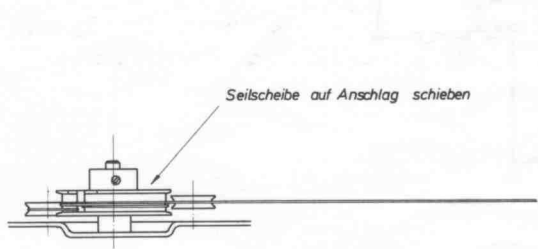
FM	130...200 mV at emitter of T 102	} Test point 3
SW	70... 90 mV at emitter of T 201	
MW	60...100 mV at emitter of T 201	} Test point 5
LW	70...110 mV	

measured with Rhode & Schwarz UHF Millivoltmeter, type URV.

# Ziffernanzeigebaustein

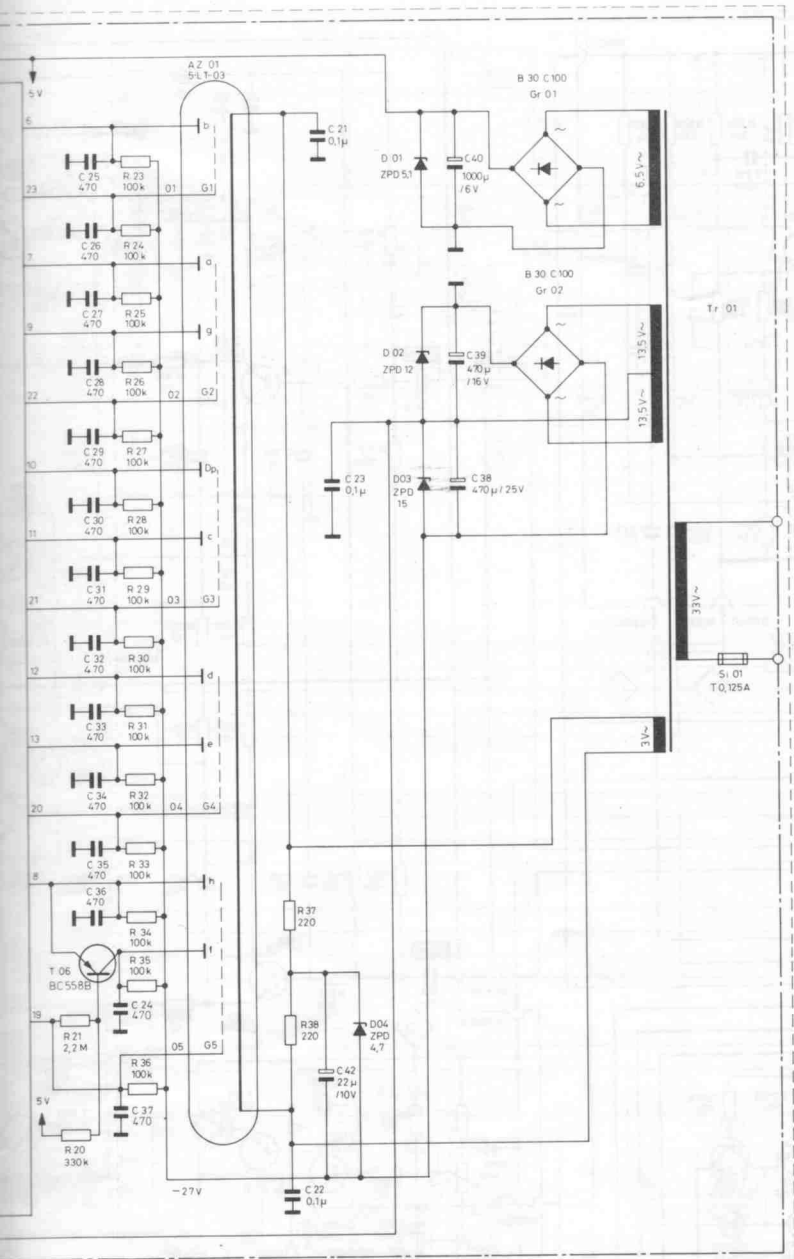


## Antriebsschema Dial drive



# Hinweise zum Lageplan

## Hints for location of components



001 ws	St 312/1	- 1 232 863
002 ws	S 201/3	- 1 232 899
003 rt	1 232 866	- 1 232 899
004 sw/rt	St 2701/5	- 1 232 899
005 sw/ge	St 2701/4	- 1 232 899
006 ws	1 232 867	- 1 232 891
007 sw	1 232 894	- 1 215 881
008 rt	1 232 894	- 1 215 881
009 sw	1 232 894	- 1 215 881
010 gn	1 232 894	- 1 215 881
011 ge	1 215 881	- St 716
012 gn	1 215 881	- St 717
013 br	1 215 881	- St 716
014 rt	1 215 881	- St 617
015 sw	1 215 881	- St 616
016 or	1 215 881	- St 616
017 sw	1 314 168	- 1 232 867
018 ge	1 314 168	- 1 232 867
019 ge	1 314 168	- 1 232 867
020 nf	1 232 865	- St 118
021 nf	1 232 865	- St 118
022 sw	St 218	- 1 232 867
023 rt	St 218	- 1 232 867
024 ws	1 232 891	- 1 232 865
025 sw	S 801	- Si 802
026 bl	S 801	- Sp 1
027 sw	1 232 863	- 1 314 168
028 rt	1 232 863	- 1 314 168
029 gr	1 232 863	- 1 314 168
030 rt	S 201/6	- 1 232 895
031 ge	S 201/4	- 1 232 895
032 rt	1 232 895	- 1 232 891
033 ge	1 232 895	- 1 232 891
034 sw	1 214 808	- St 611/3
035 rt	1 214 808	- St 611/1
036 ge	1 214 808	- St 611/2
037 gn	1 214 808	- St 611/4
038 vio	1 232 895	- 1 232 891
039 sw	St 608/3	- La 001
040 rt	La 001	- 1 232 891
041 gr/gr	St 305/1	- 1 232 863
042 gr/bl	St 305/2	- 1 232 863
043 gr/ge	St 305/4	- 1 232 863
044 gr/gn	St 305/5	- 1 232 863
045 rt	St 305/7	- St 901/8
046 br	St 305/8	- St 608/5
047 ws	St 305/10	- St 608/4
048 ws	St 305/11	- St 901/7
049 ge	St 305/12	- St 507/1
050 vi	St 305/13	- St 507/7
051 bl	St 305/14	- St 2701/2
052 br	St 305/15	- S 507/1
053 gr/gr	St 305/16	- St 507/5
054 gr/gn	St 305/17	- St 507/6
055 sw	St 608/2	- 1 232 891
056 gr/gr	St 901/5	- St 312/2
057 gr/gn	St 901/3	- St 507/2
058 gn	St 901/1	- S 507/2
059 bl/bl	St 507/9	- St 306/1

