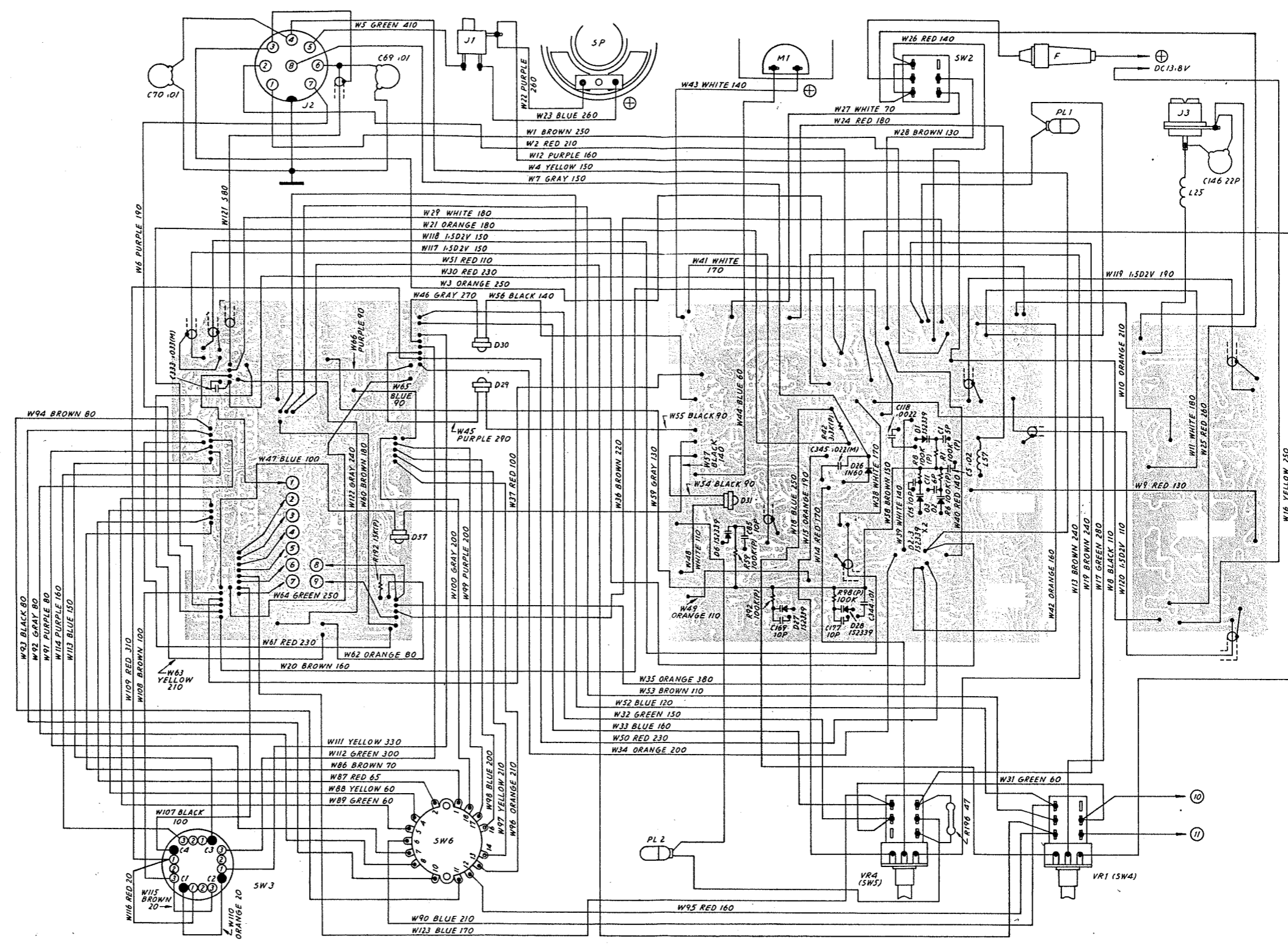
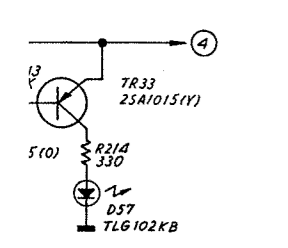
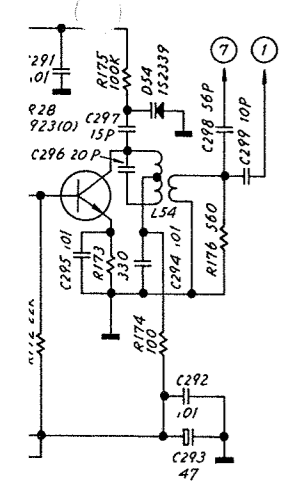


INTERCONNECTION WIRING DIAGRAM

X'8
X'9
X'10
X'11
C238
31.728125MHz
31.978125MHz
32.228125MHz
32.478125MHz



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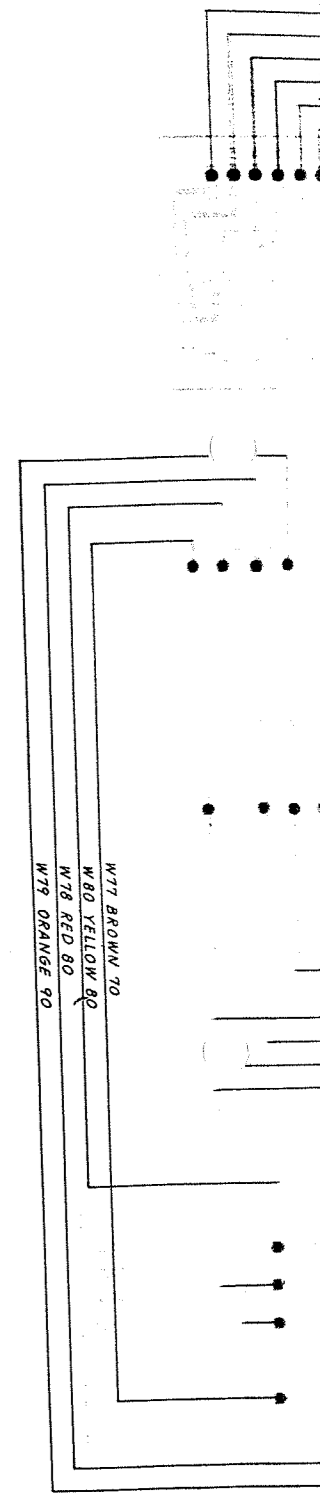
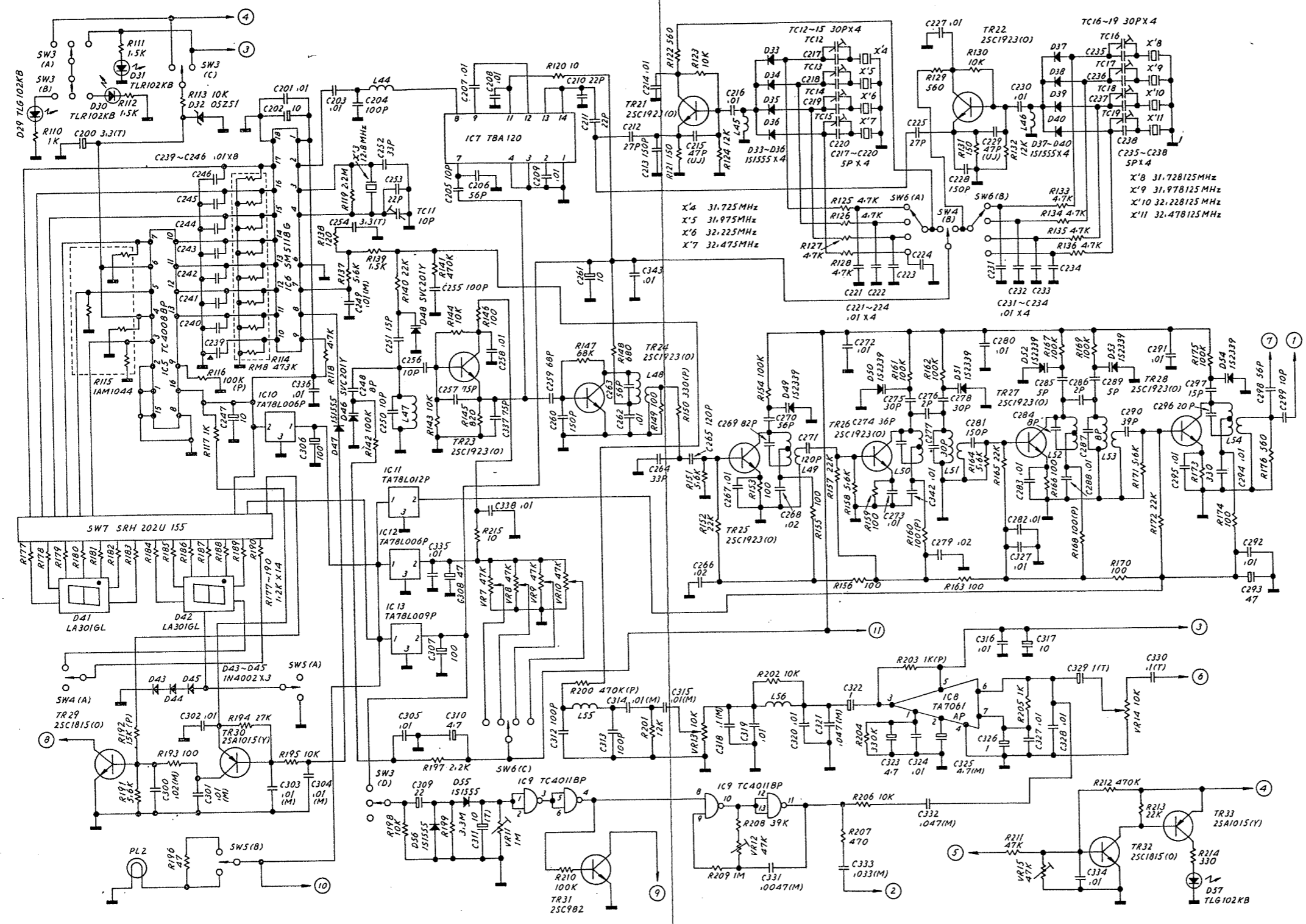
HD-ELEKTRONIK
HORST DELFS
 Fernseh-Technikmeister
 Radio-Fernsehen-Phono-Funktechnik
 Roter Buck 1, Telefon 07951/21910
7180 CRAILSHEIM

HD-ELEKTRONIK
HORST DELFS
 Fernseh-Technikmeister
 Radio-Fernsehen-Phono-Funktechnik
 Roter Buck 1, Telefon 07951/21910
7180 CRAILSHEIM

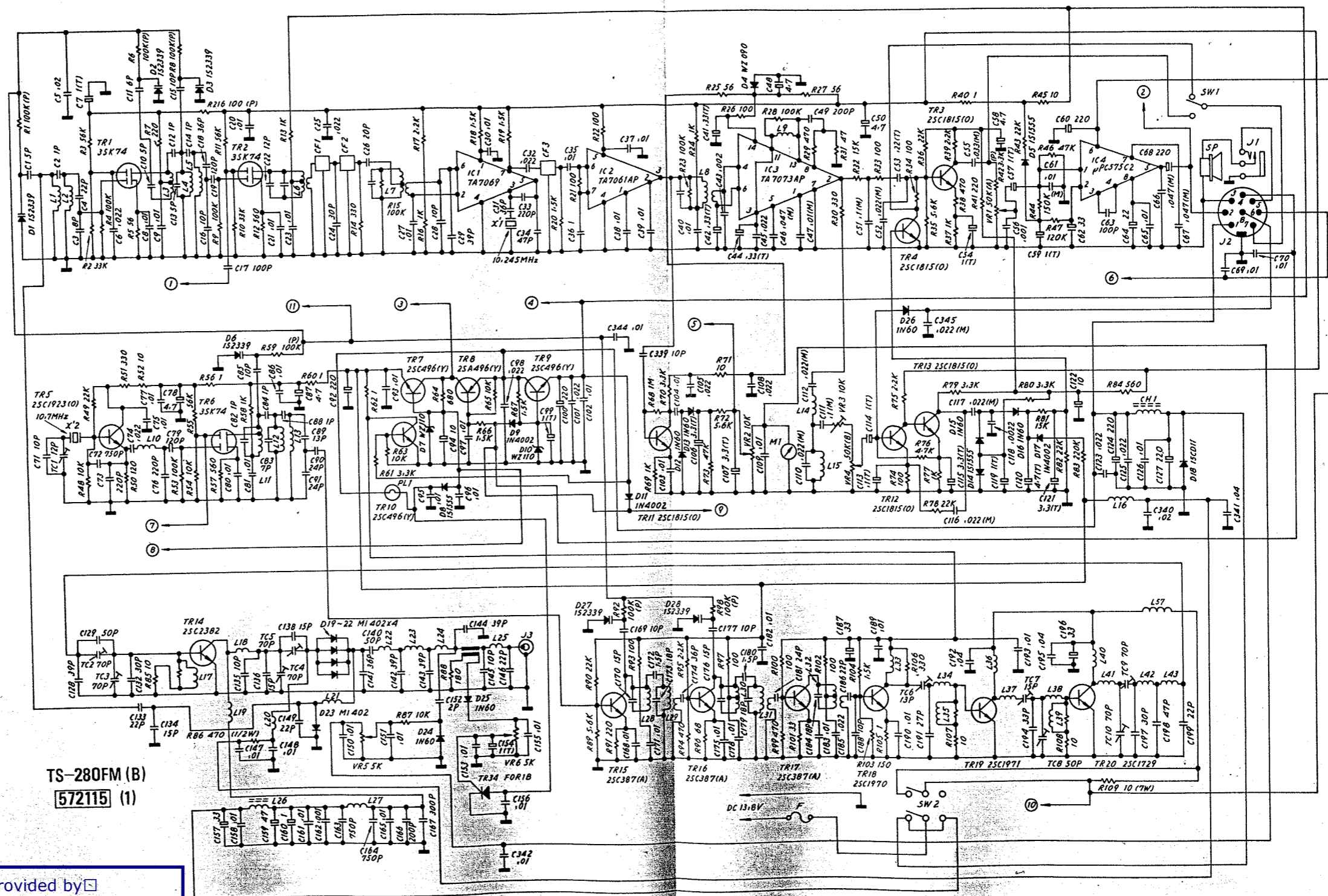
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CIRCUIT DIAGRAM

LED DISPLAY WIRING DIAGRAM



CIRCUIT DIAGRAM



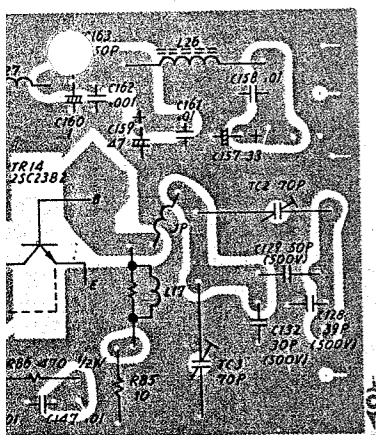
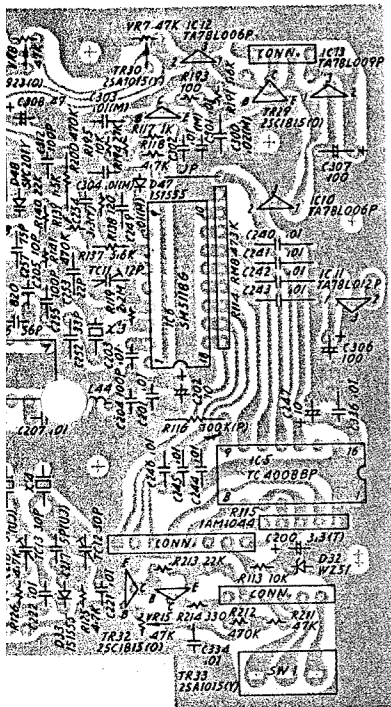
TS-280FM (B)
572115 (1)

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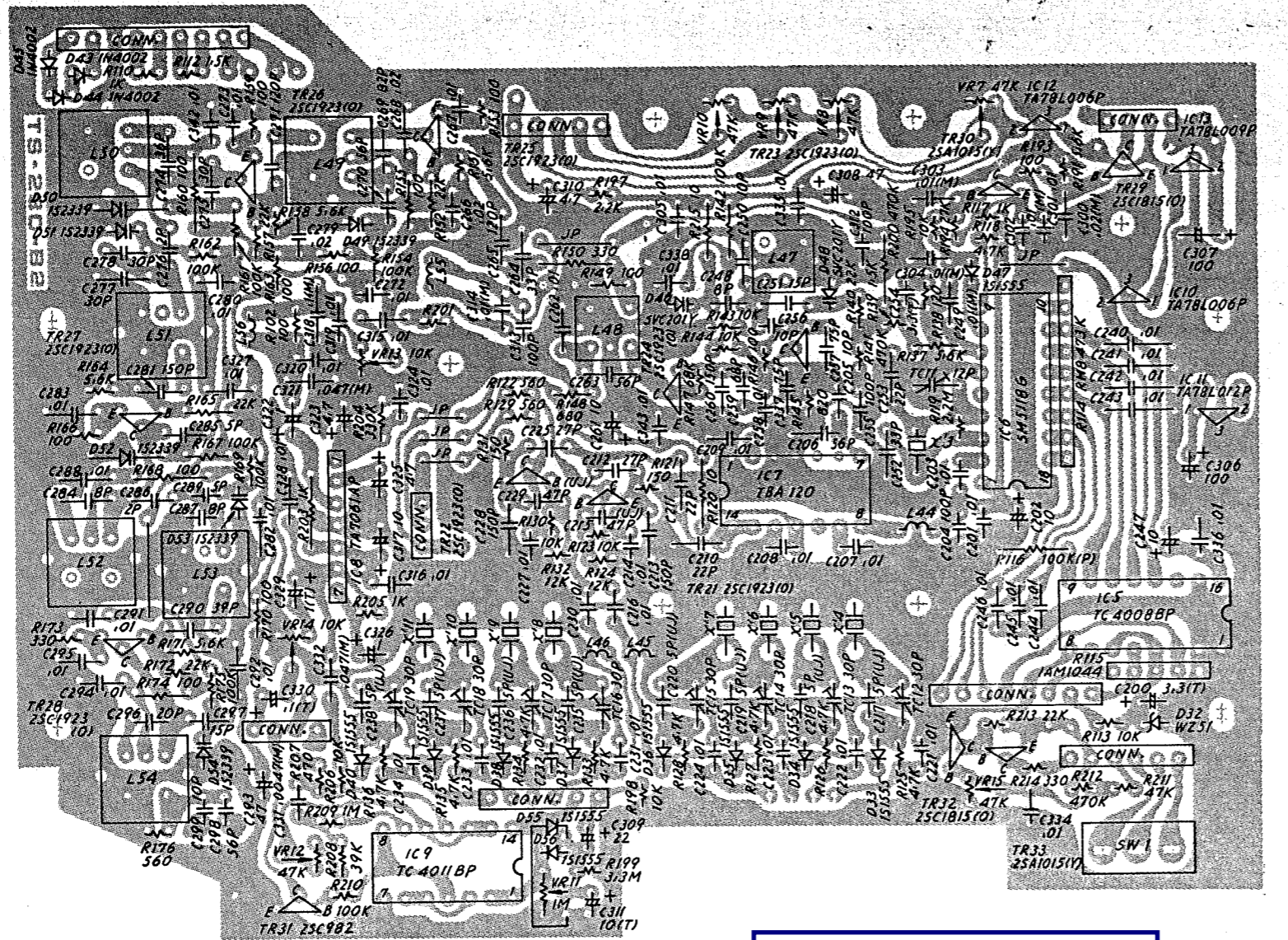
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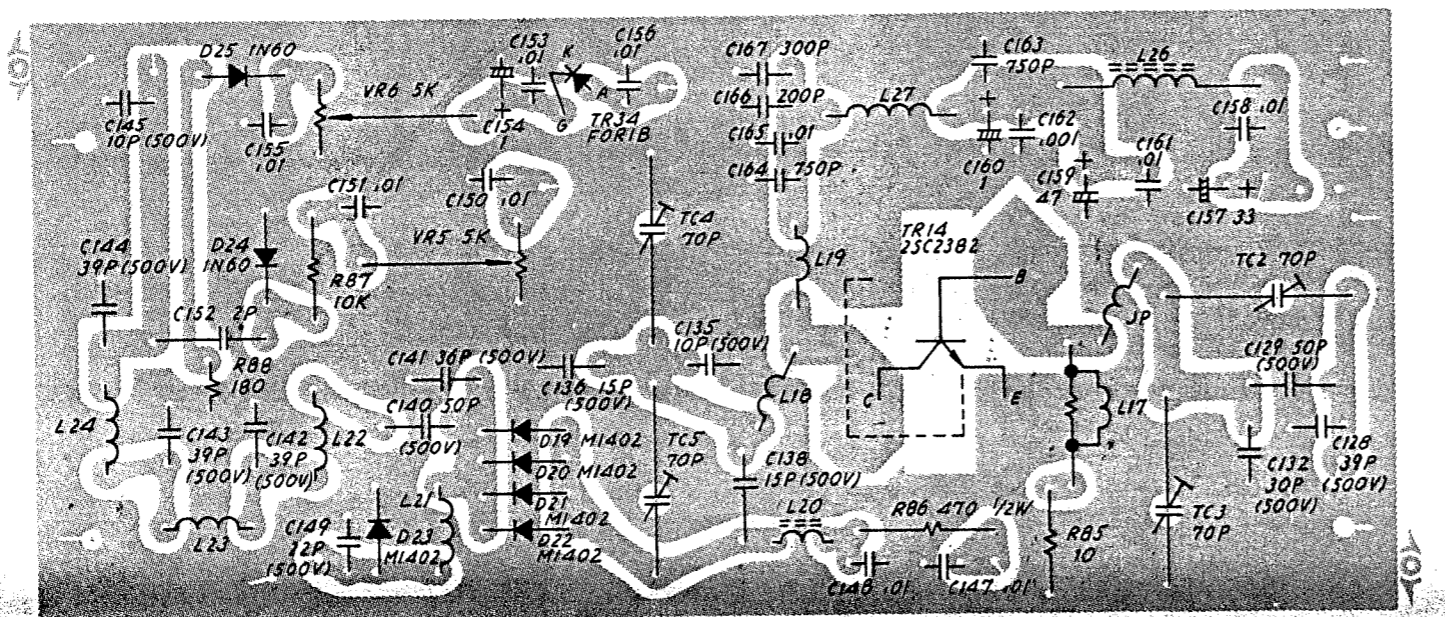
HD-ELEKTRONIK
 HORST DELES
 Radio-Fernsehentechnikmeister
 Roter Buck 1, Telefon 0795/721910
 7180 CRAILSHEIM



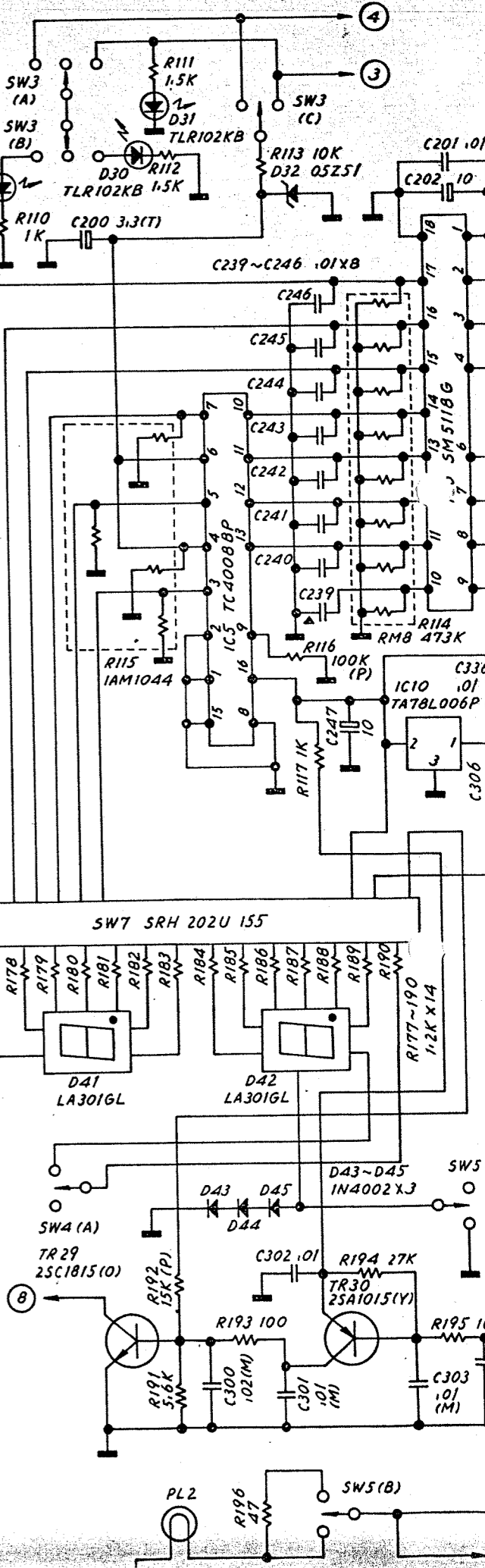
PLL AND BOOSTER PRINTED BOARD PARTS LAYOUT



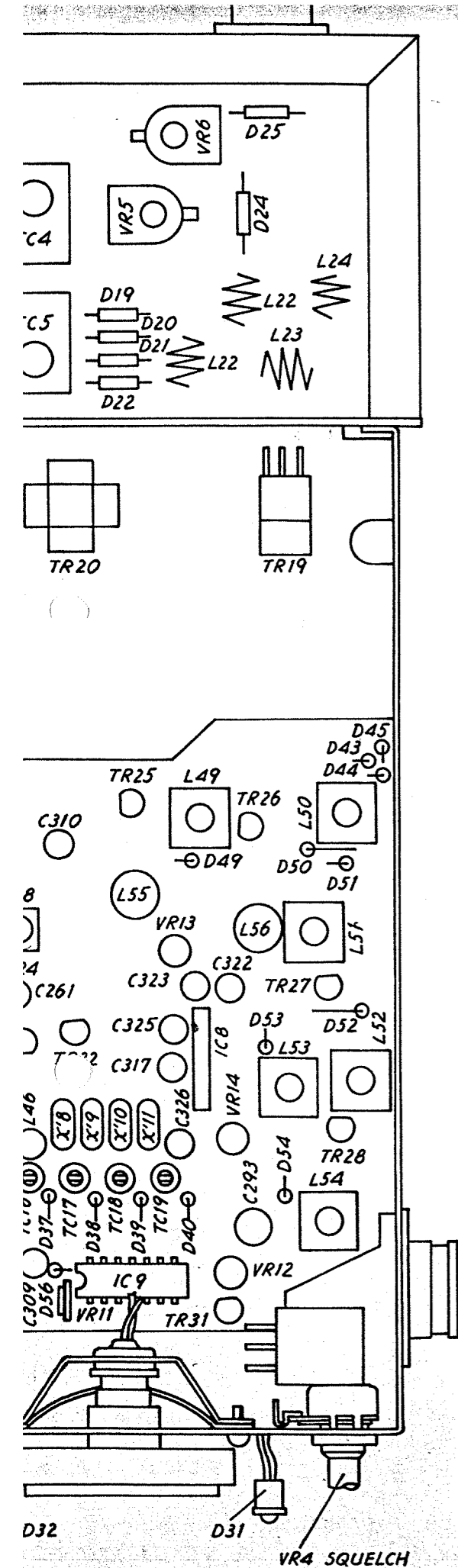
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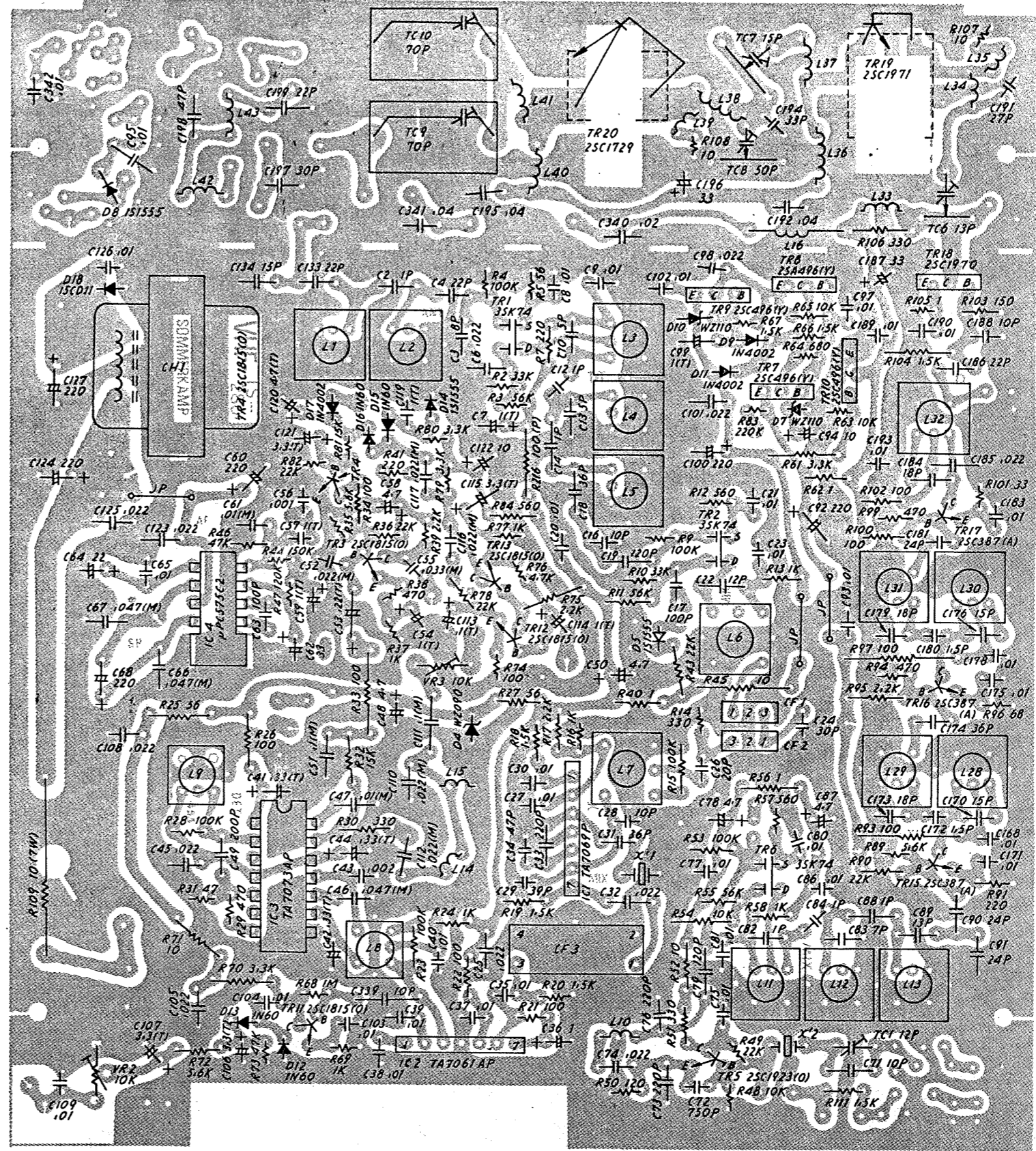
CIRCUIT DIAGRAM



HD-ELEKTRONIK
 HORST DELFS
 Fernseh- und Funktechnik
 Radio-Fernsehen, Phono-Funktechnik
 Roter Bueck 1, Telefon 07951/21910
 7180 CRAILSHEIM



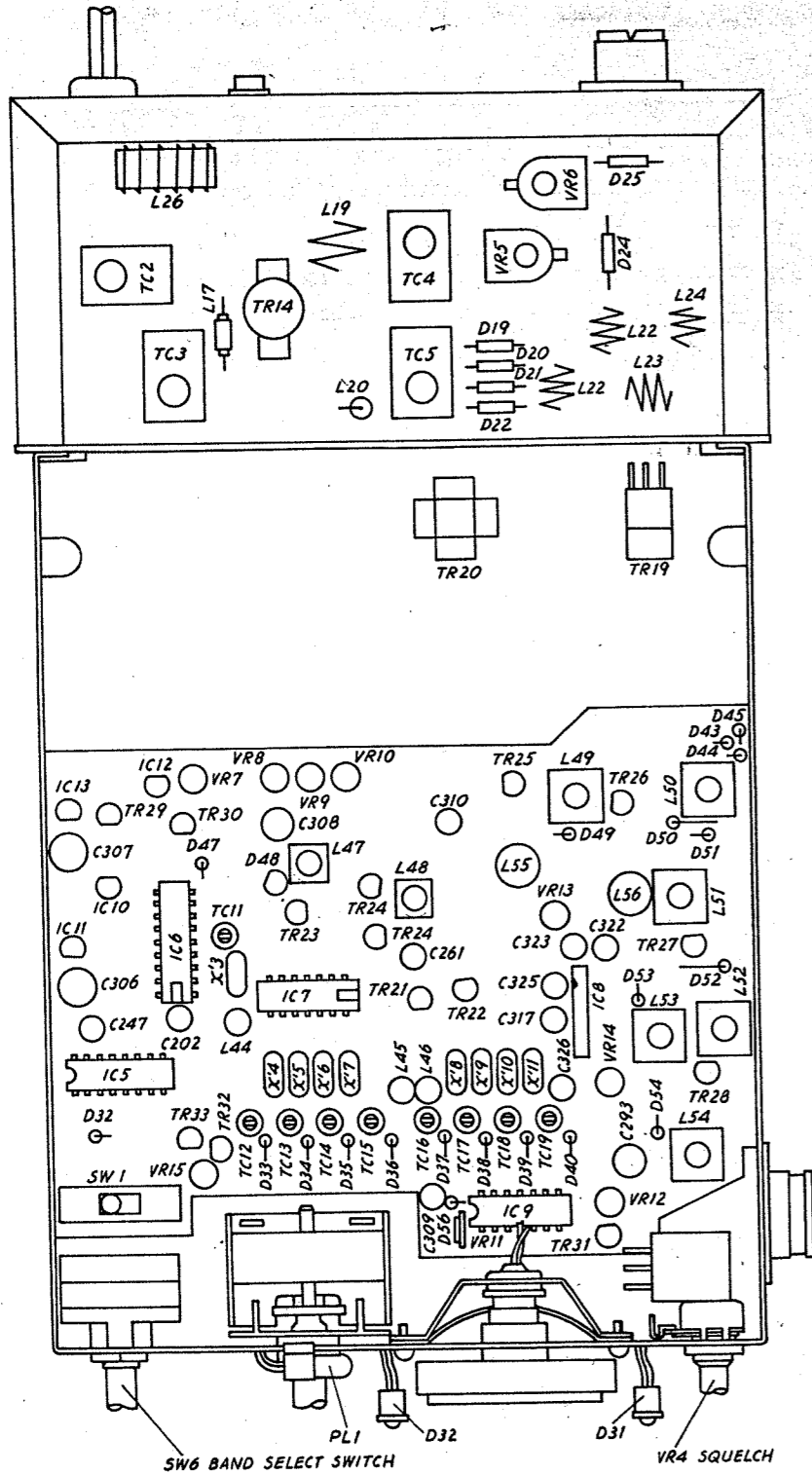
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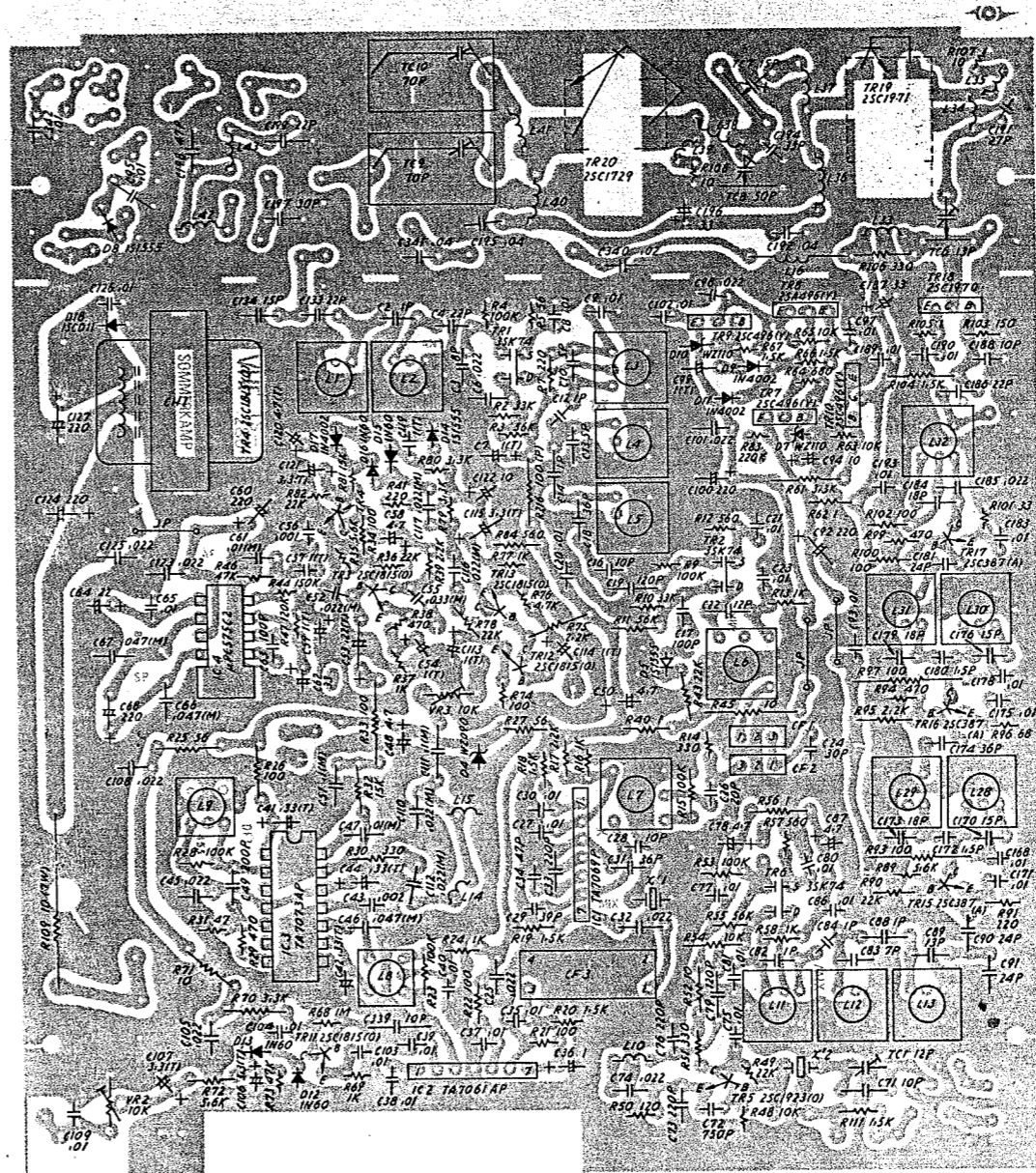
MD-ELEKTRONIK
HORST DELFS
 Fernsichttechnikermeister
 Radio-Fernsehen-Phono-Funktechnik
 Rotor-Block 1, Telefon 0795121910
7180 CRAILSHEIM

COMPLETE PARTS LAYOUT

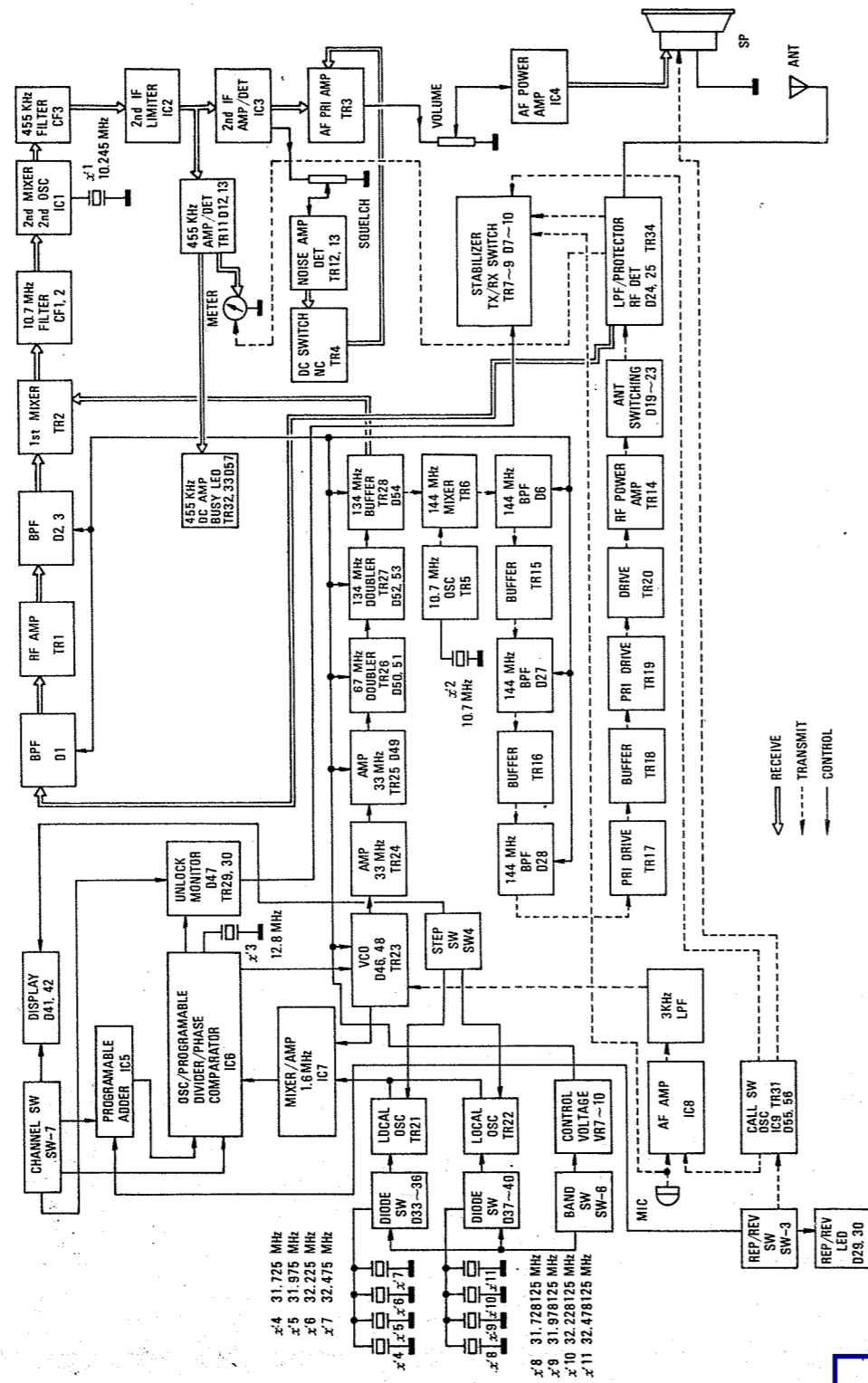
HD-ELEKTRONIK
 HORST DELFS
 Fernseh-Technikermelster
 Radio-Fernsehen-Phon-Funktechnik
 7180 CRALLSHEIM
 Roter Buck 1, Telefon 07951/21910



PRINTED CIRCUIT BOARD PARTS LAYOUT (main)



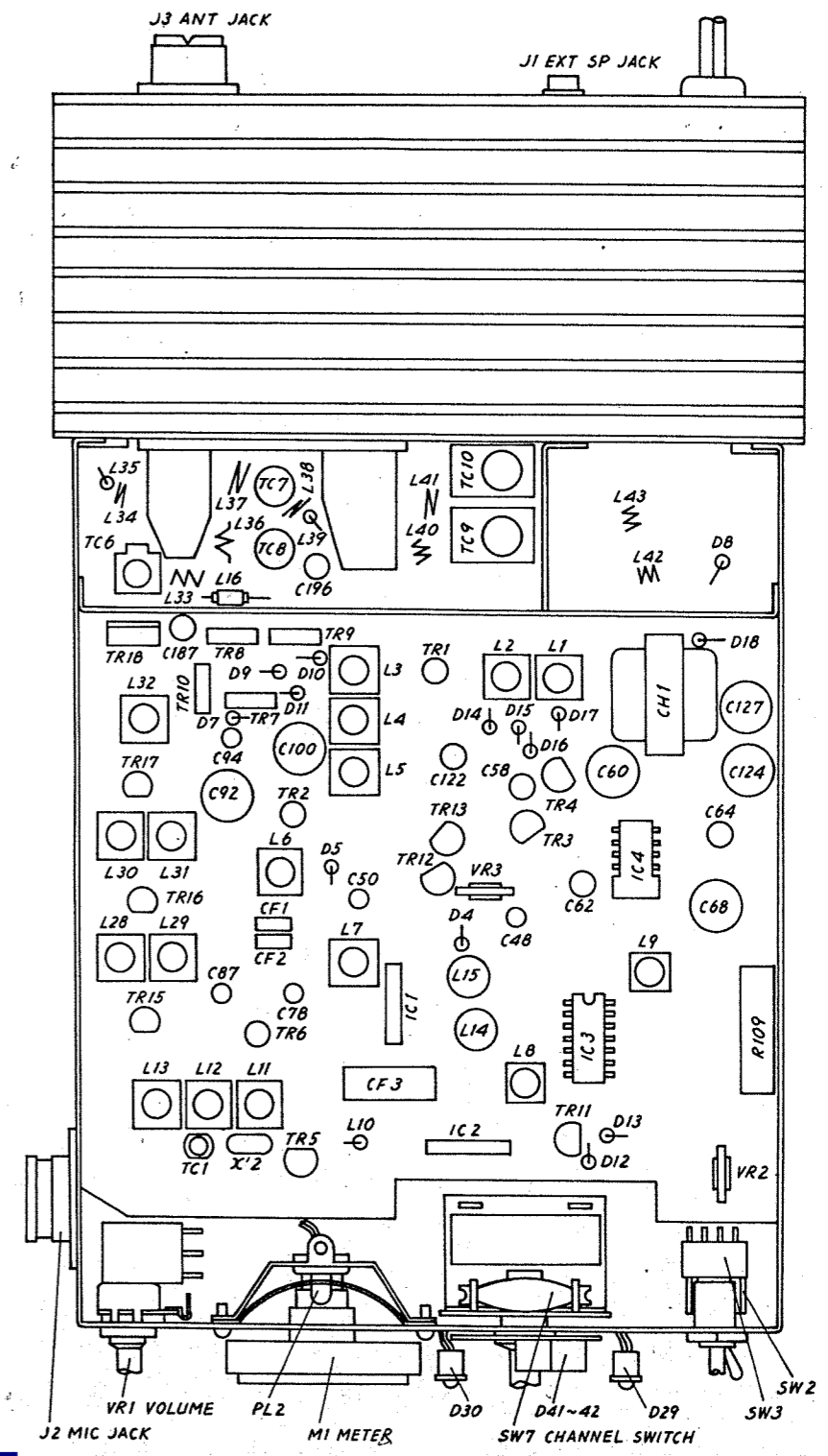
BLOCK DIAGRAM



HDELEKTRONIK
HORST DELFS
 Fernseh- und Fernsprechtechnik
 Radio-Fernsehen-Phone-Funktechnik
 Röhre Buck 1, Telefon 07951/21910
7180 CRAILSHEIM

- x4 31.725 MHz
- x5 31.975 MHz
- x6 32.225 MHz
- x7 32.475 MHz
- x8 31.728125 MHz
- x9 31.978125 MHz
- x10 32.228125 MHz
- x11 32.478125 MHz

COMPLETE PARTS LAYOUT



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