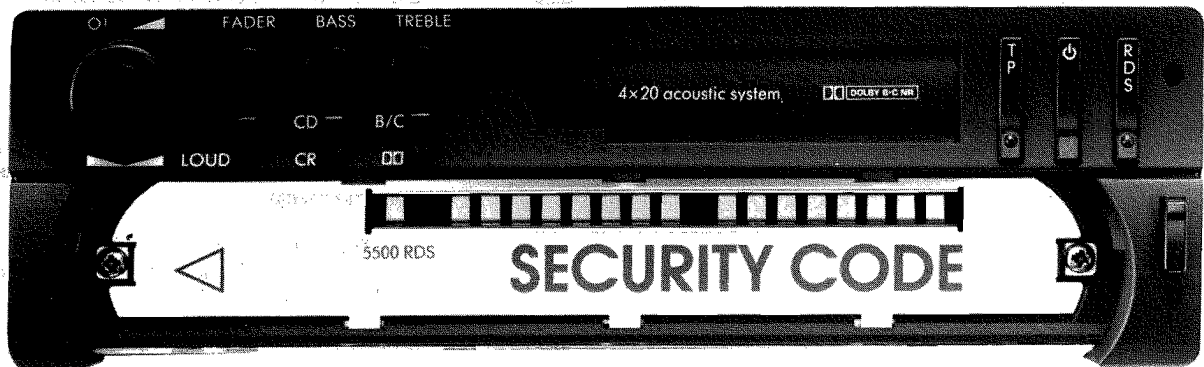




## WKC 5500 RDS



ⓓ

Bei Eingriffen Schutzmaßnahmen für MOS-Bausteine beachten!

ⓖⓑ

N.B. When carrying out repairs, observe MOS precautions!

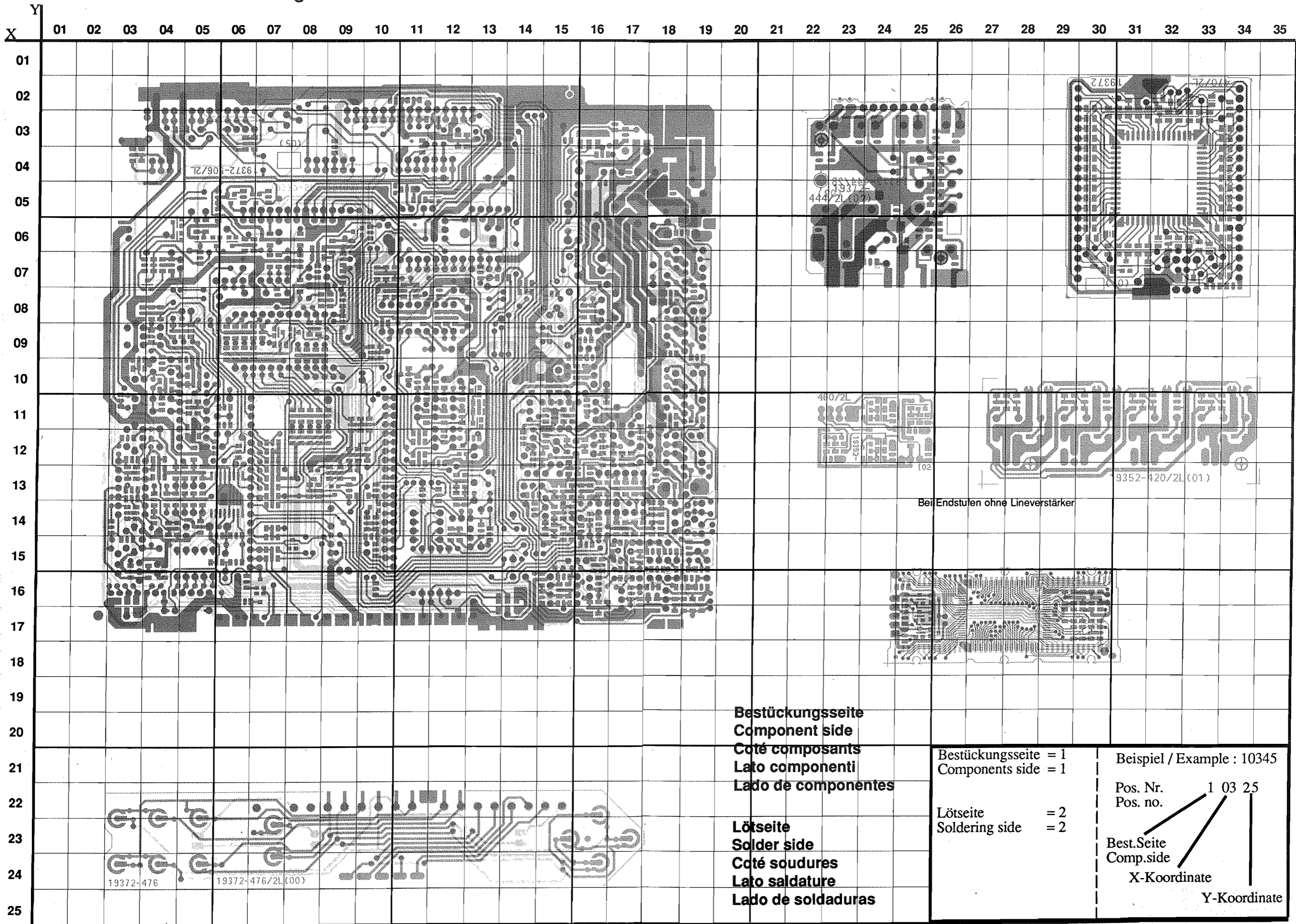
### Inhaltsverzeichnis

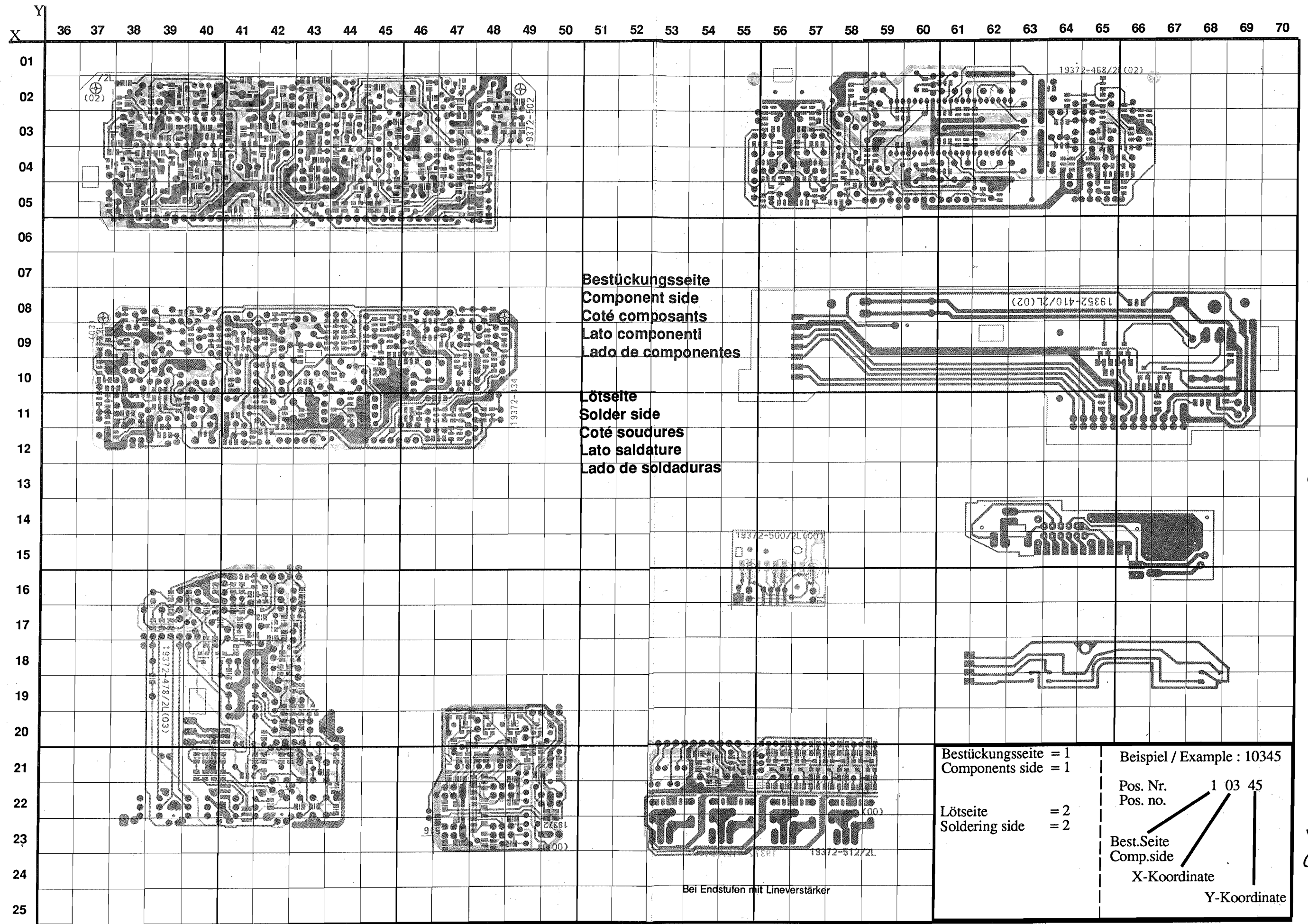
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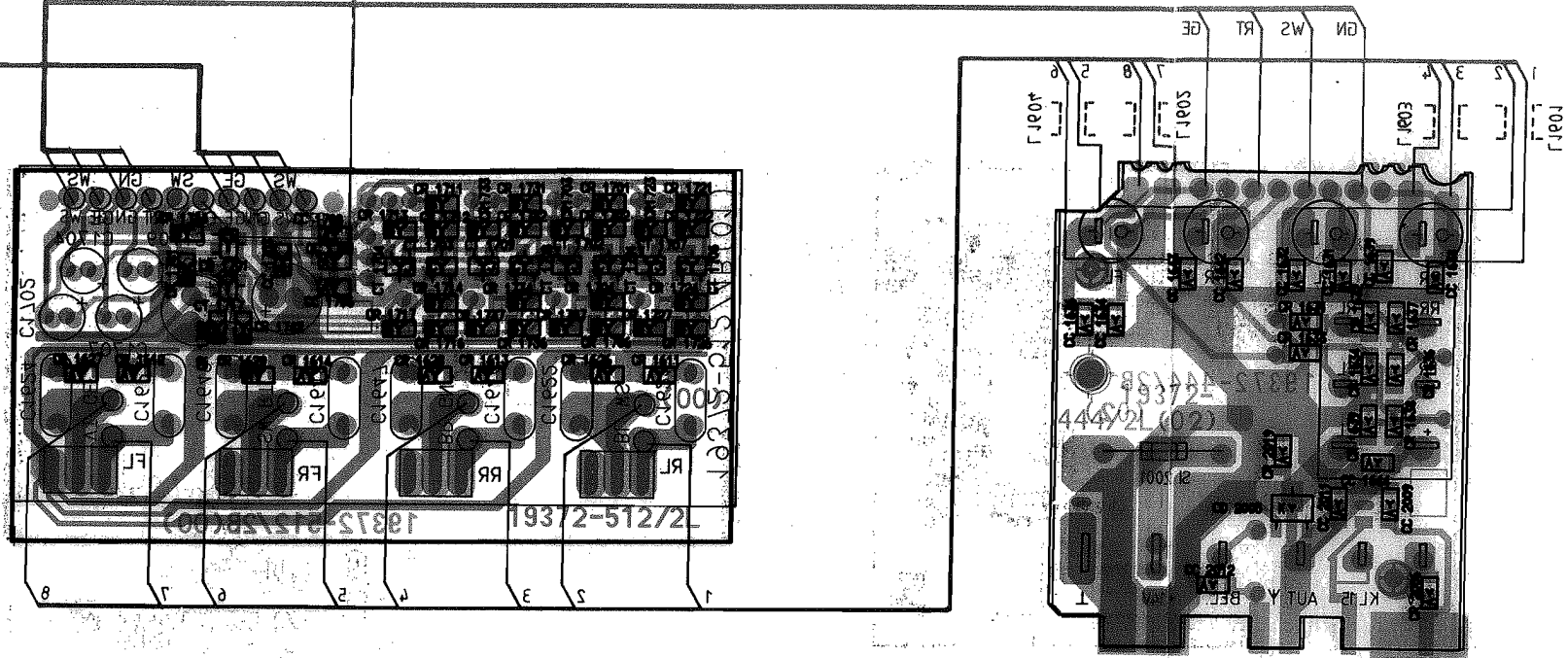
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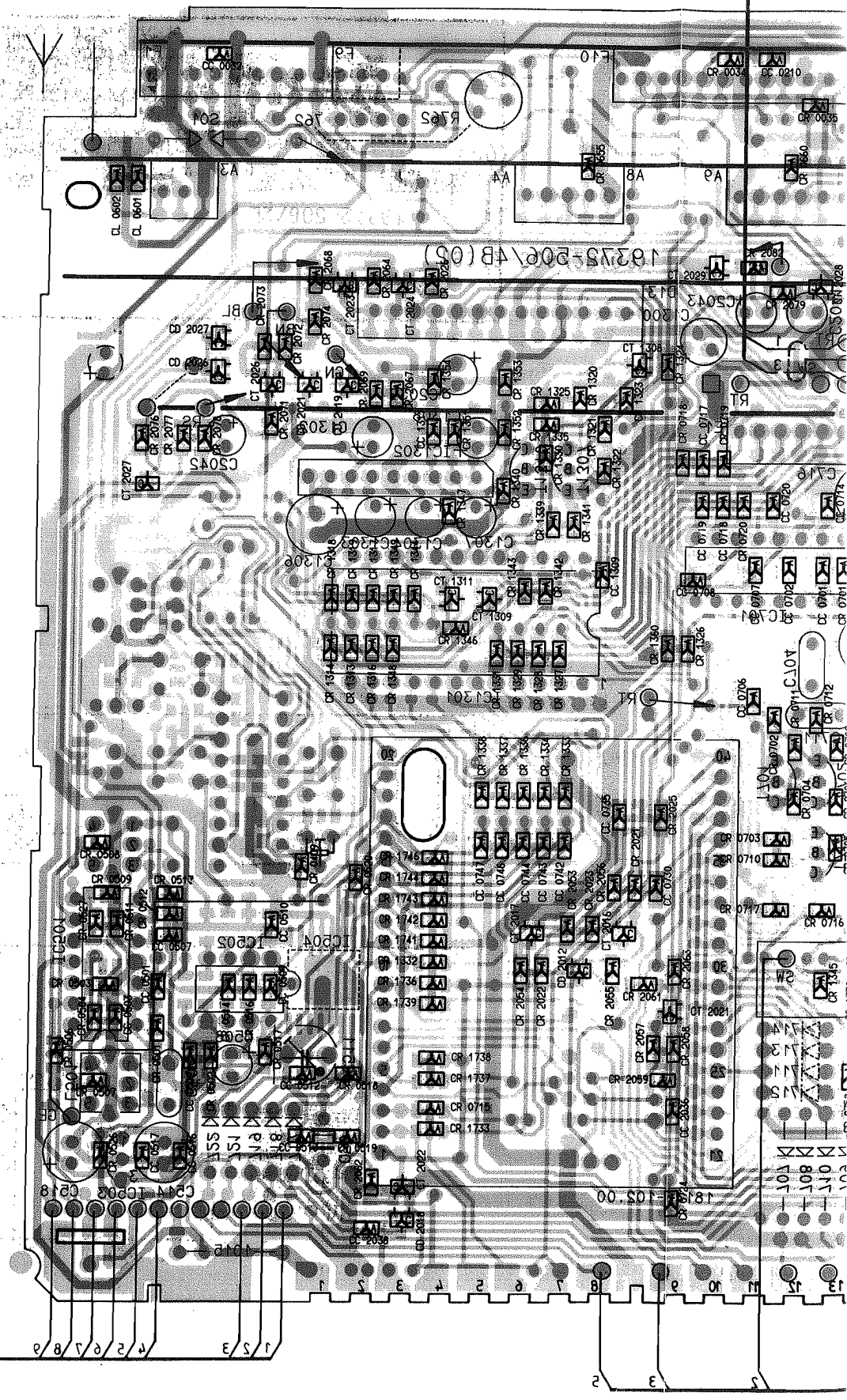
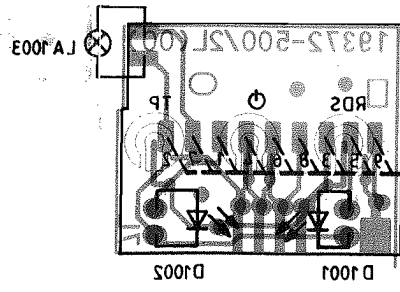
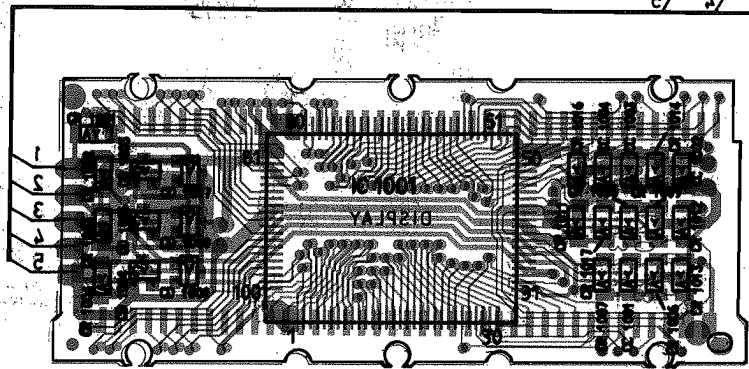
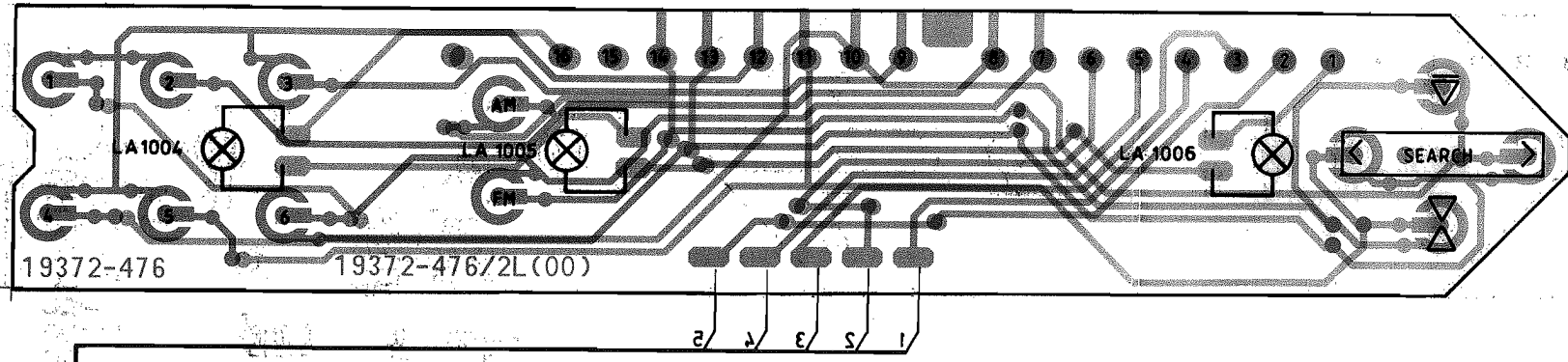
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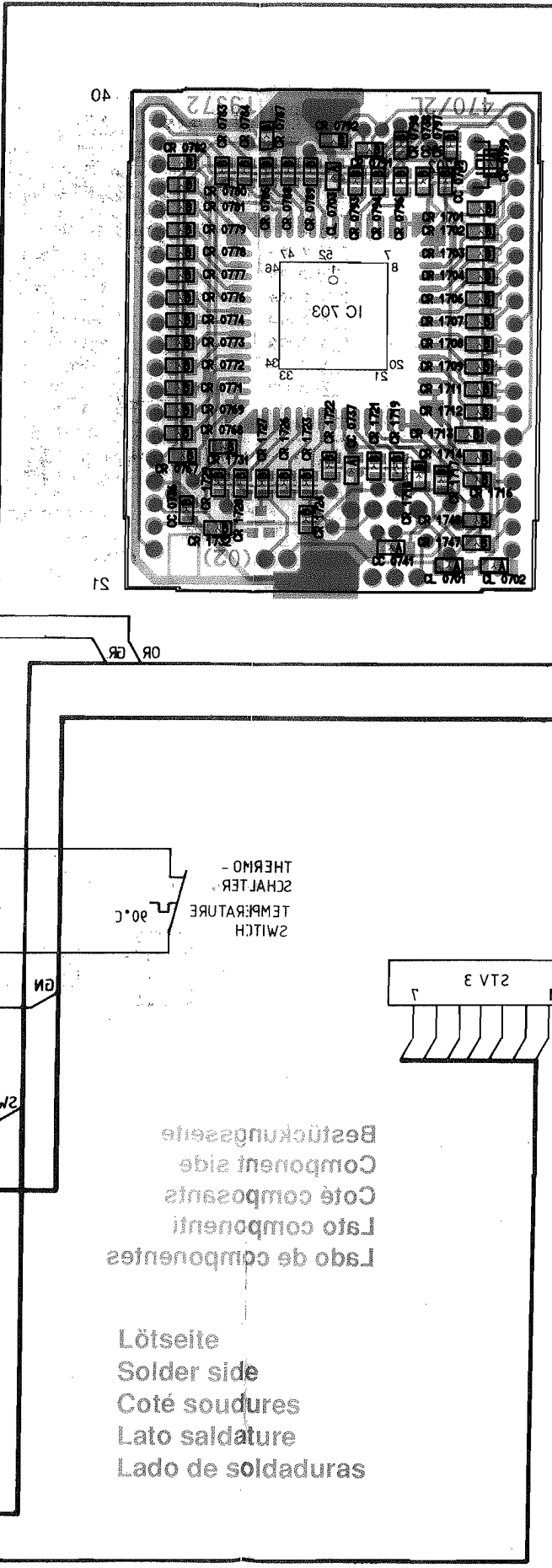
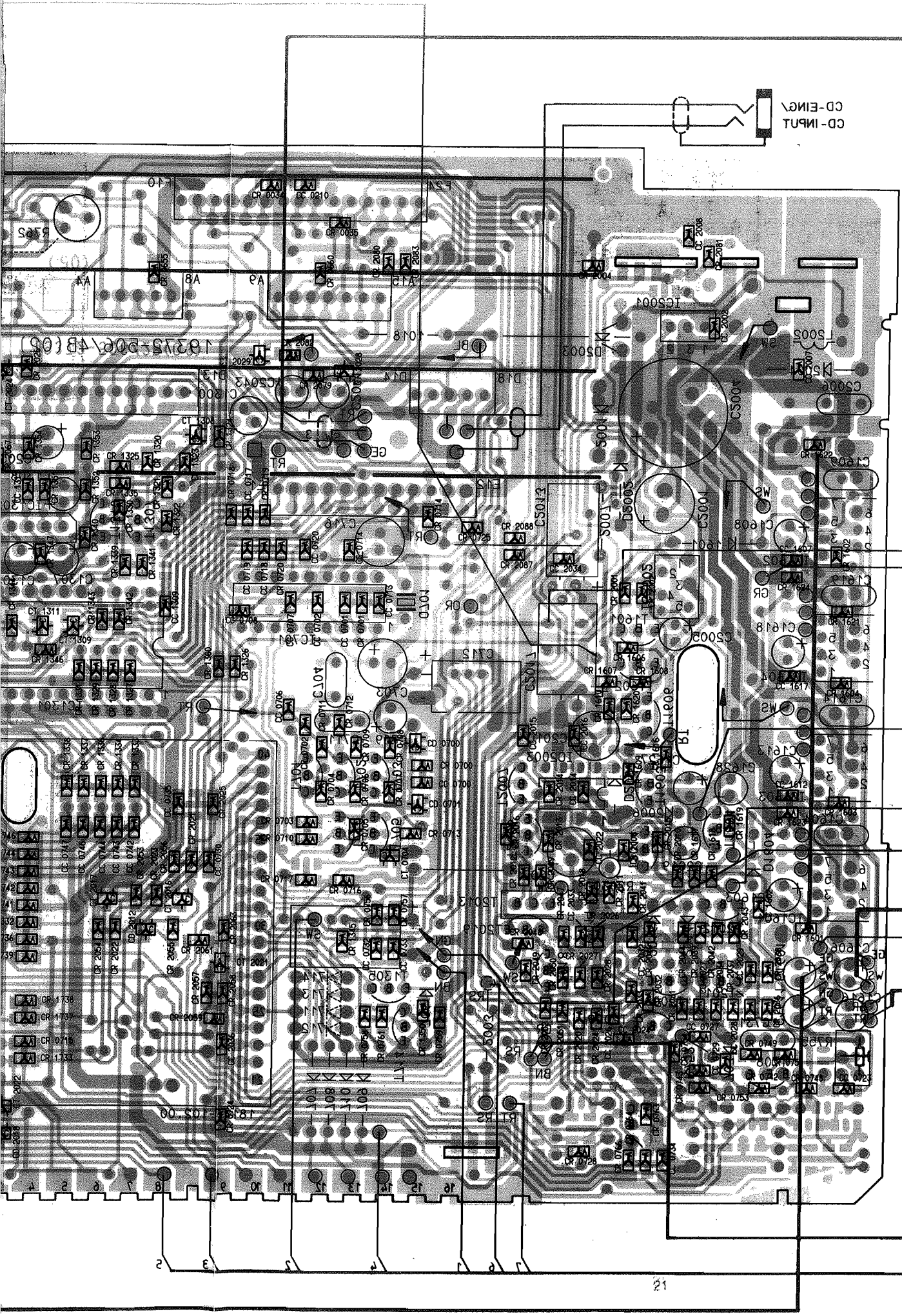






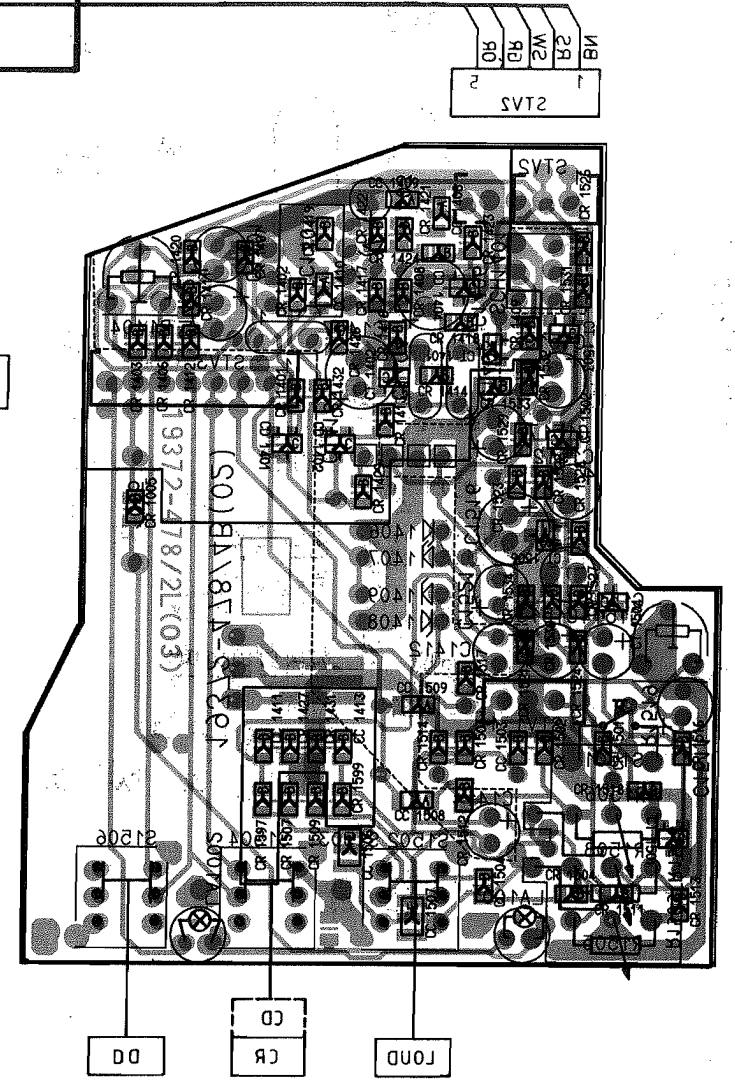
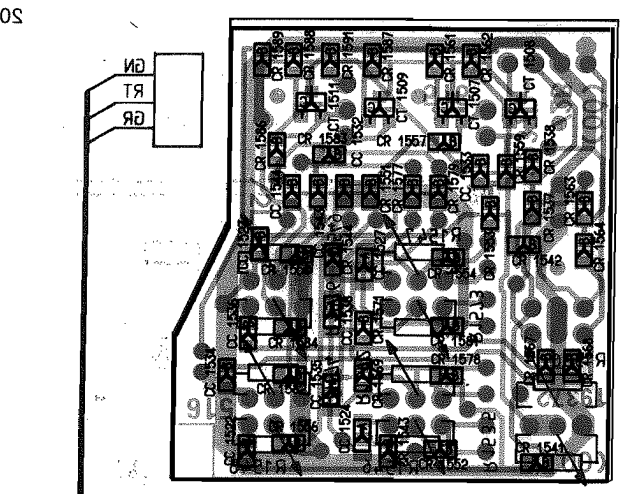
Bei Endstufen mit Linienverstärker

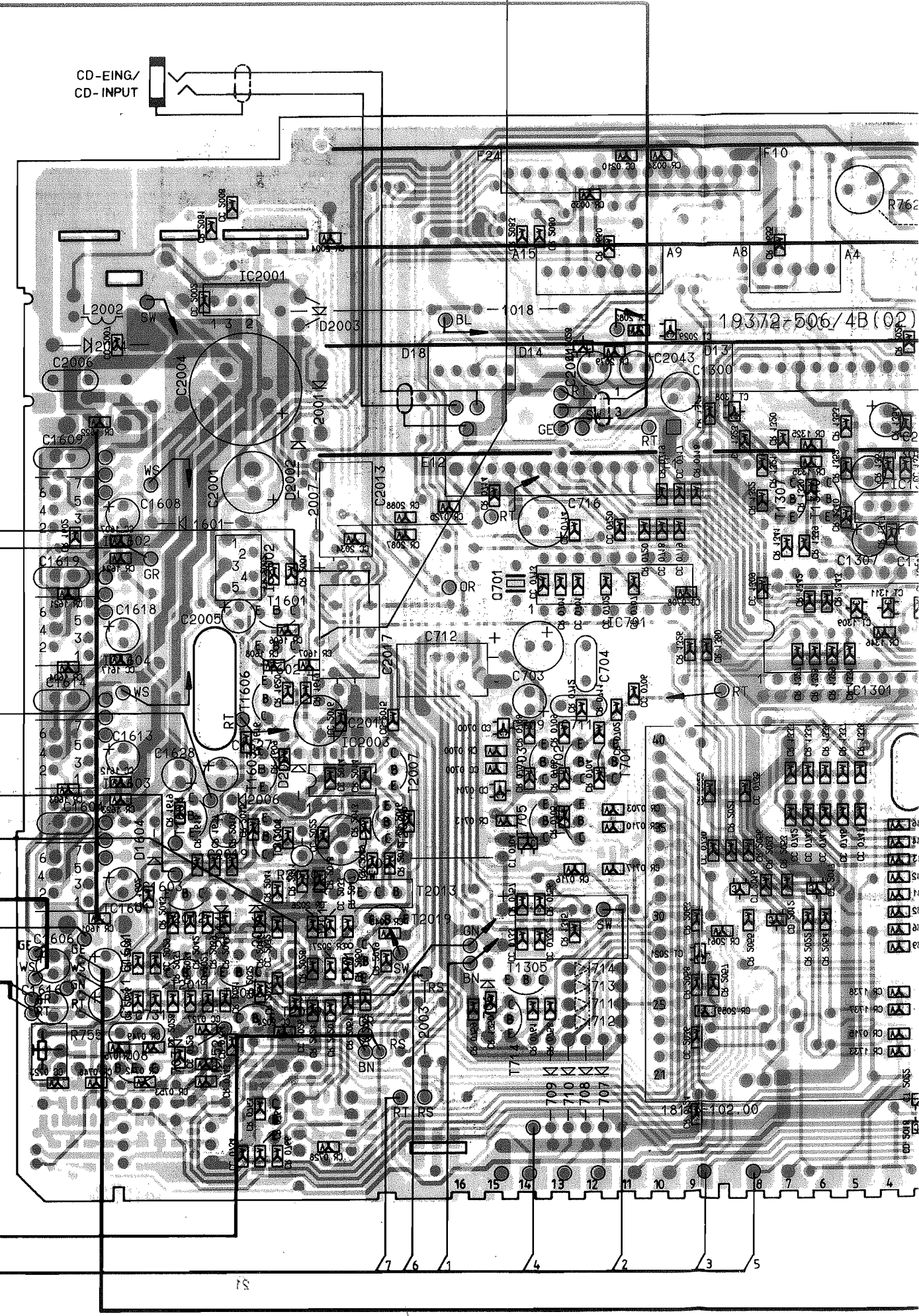
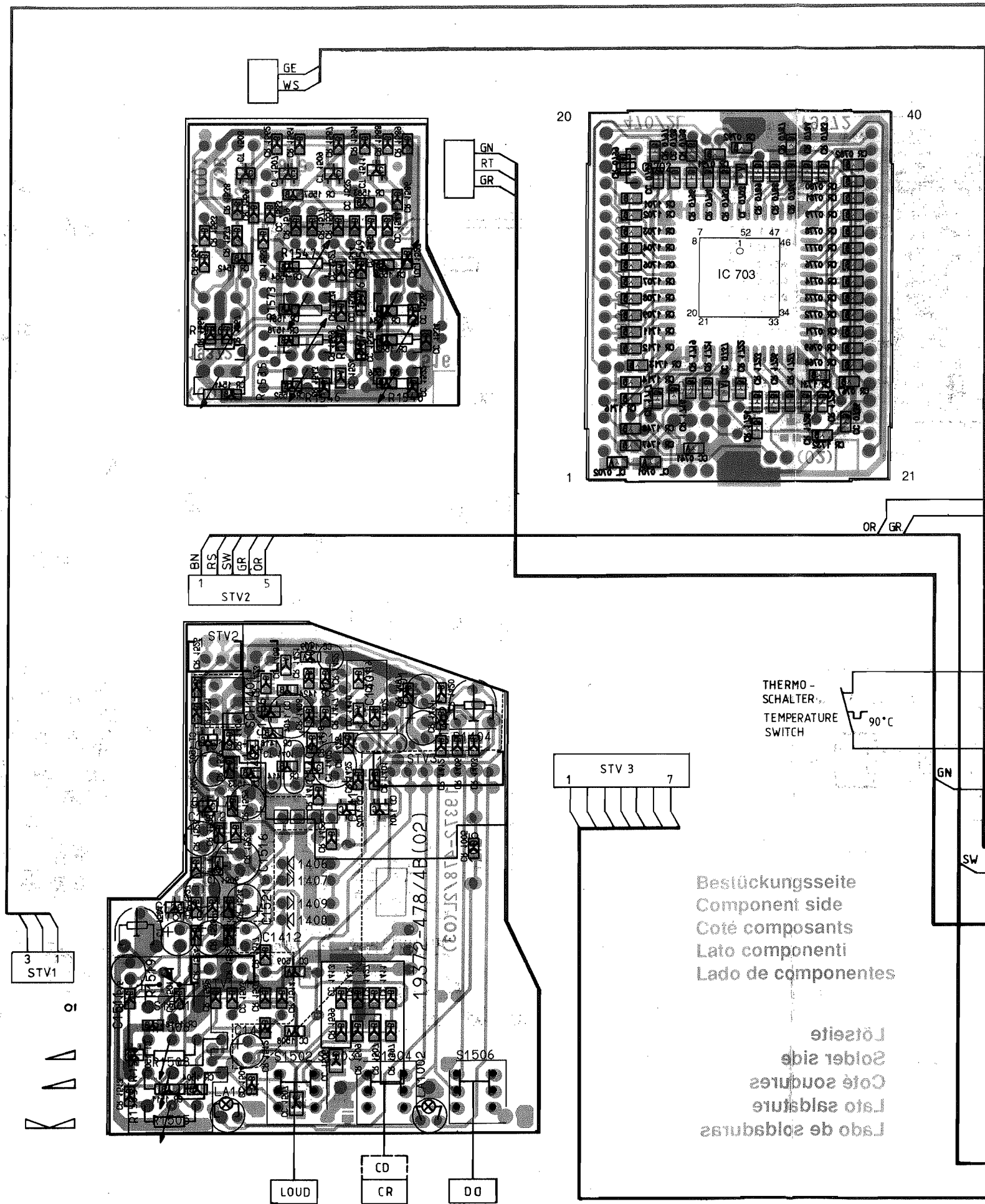


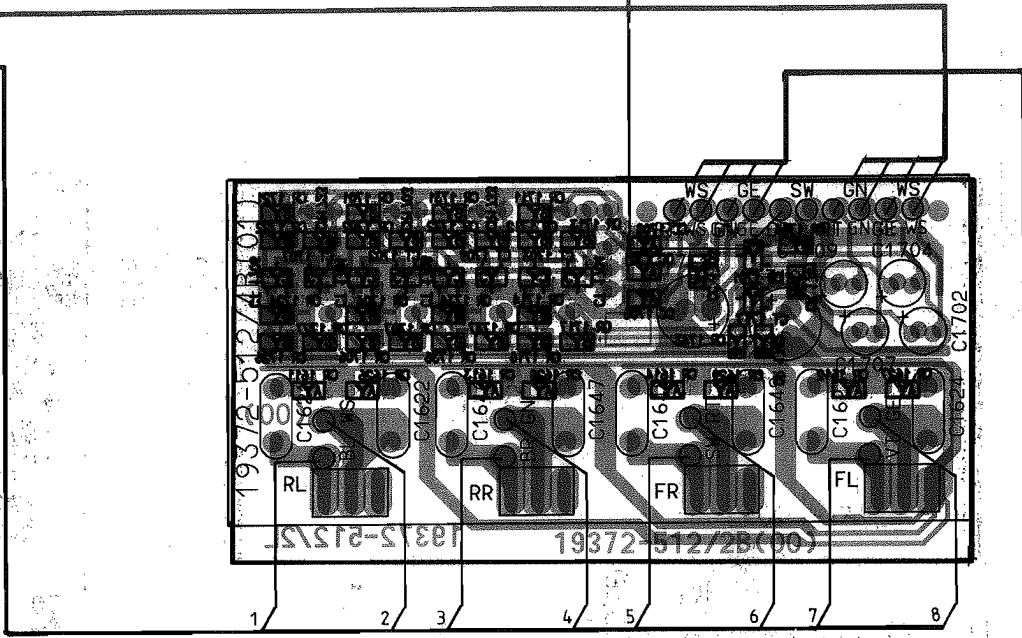
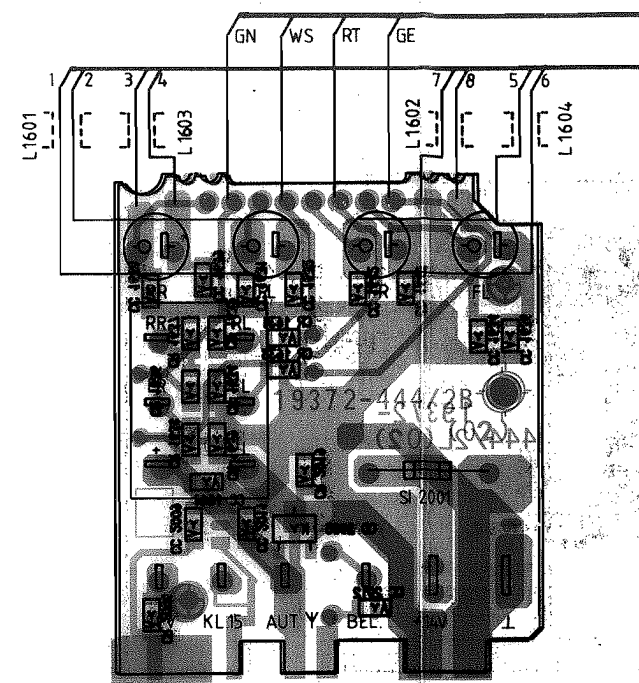
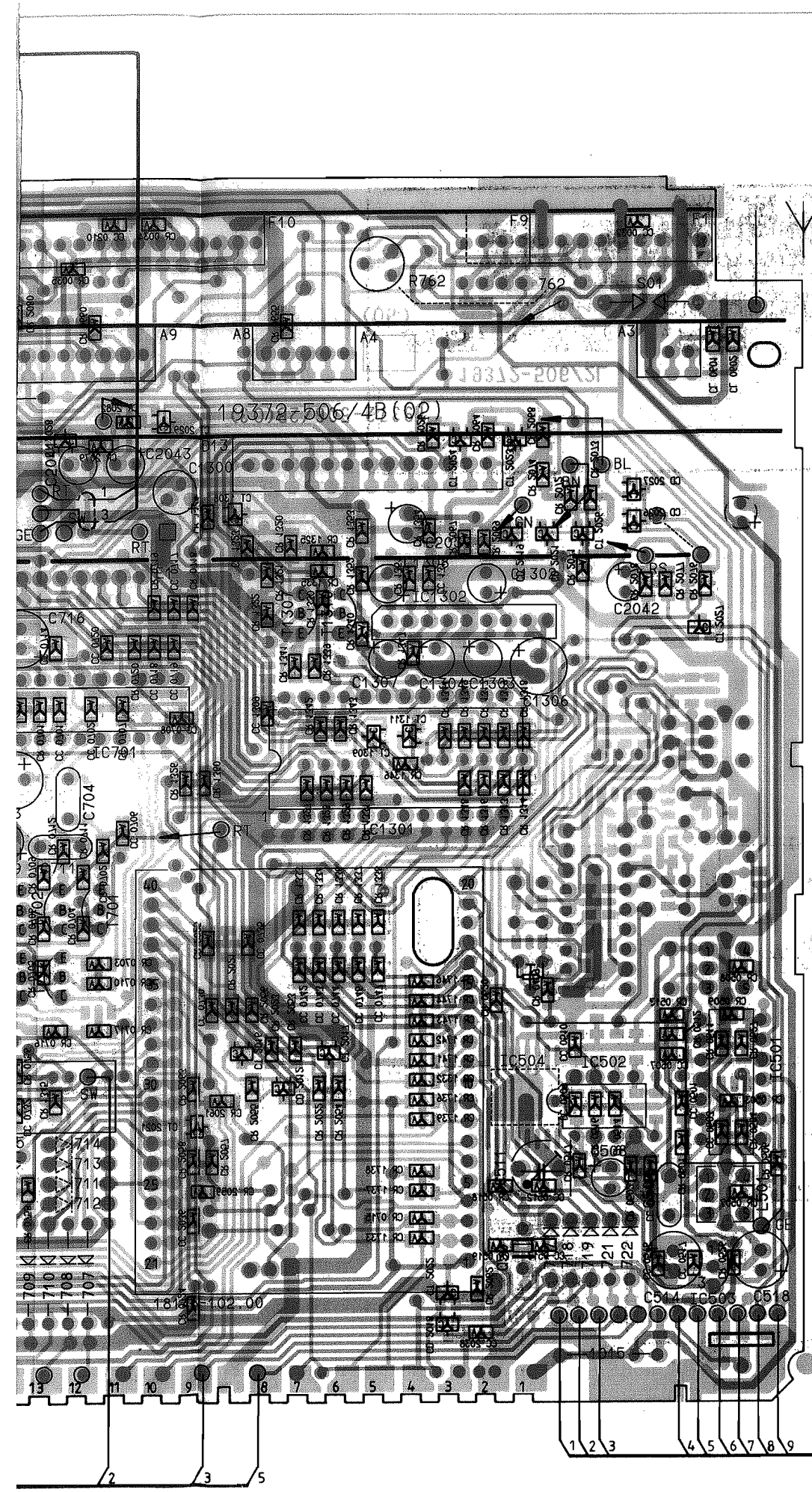


Bestückungsseite  
Component side  
Côté composants  
Lato componenti  
Lado de componentes

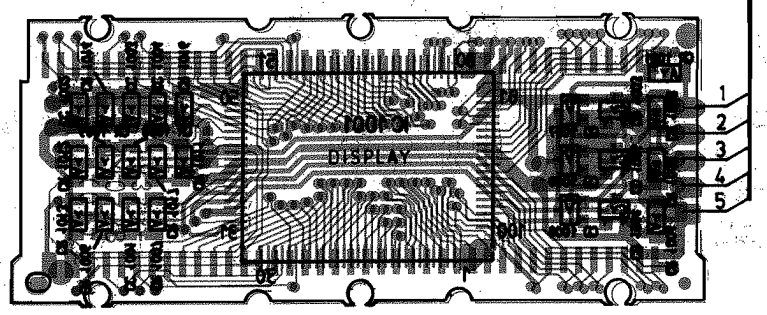
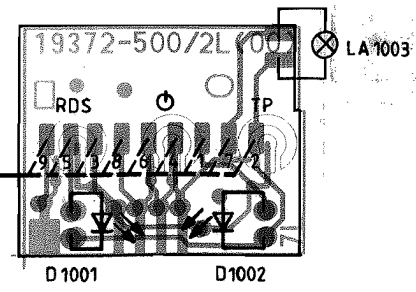
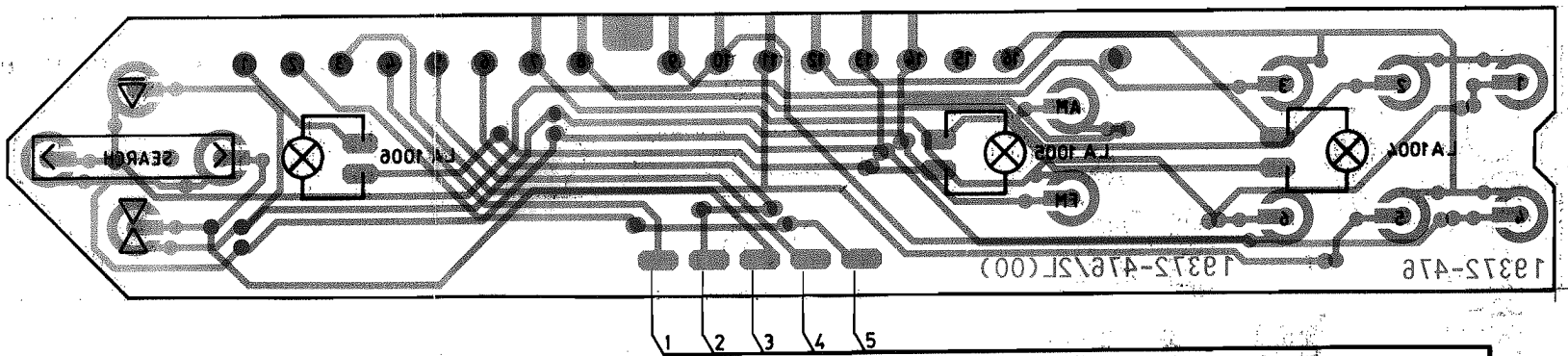
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Solder side  
Côté soldures  
Lato saldature  
Lado de soldaduras



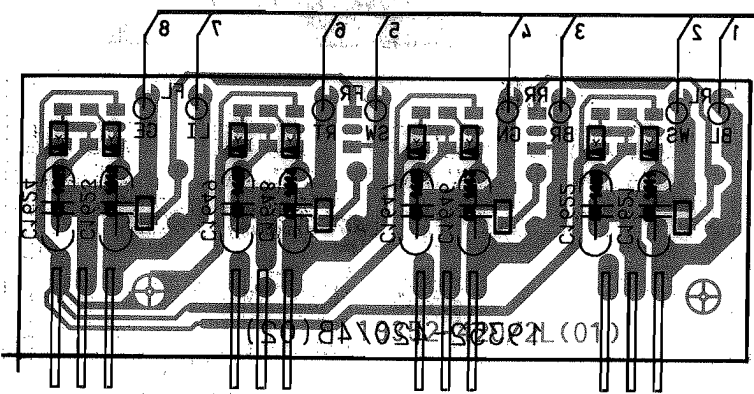




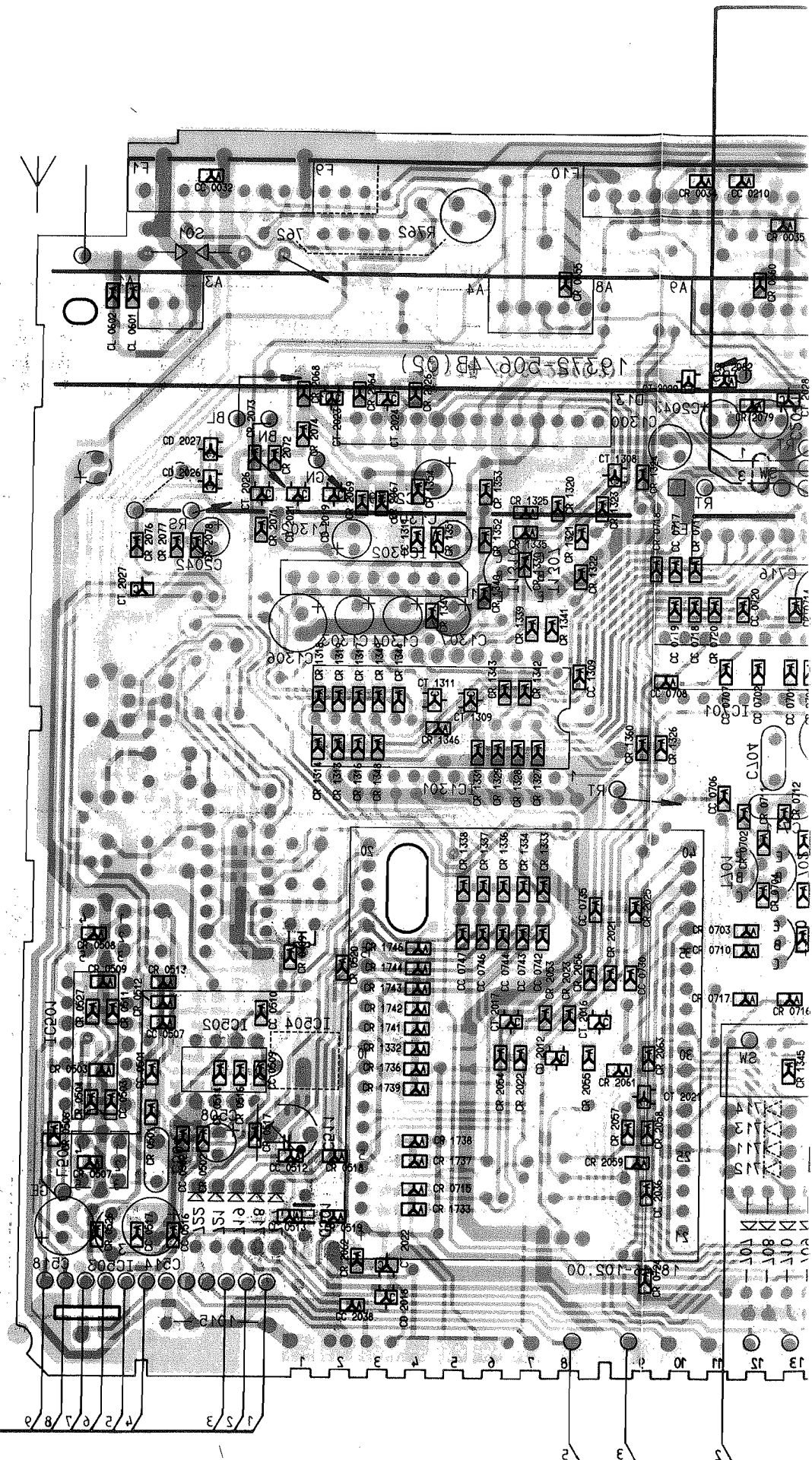
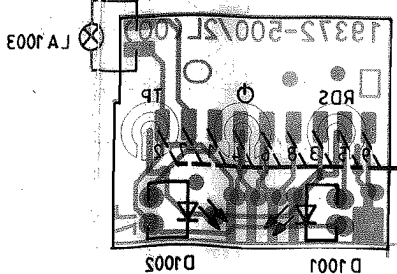
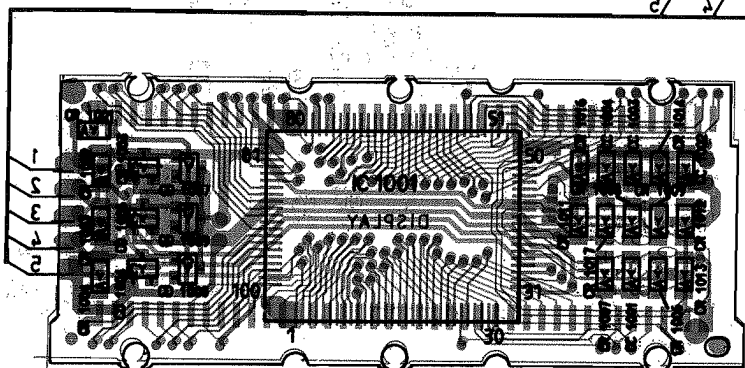
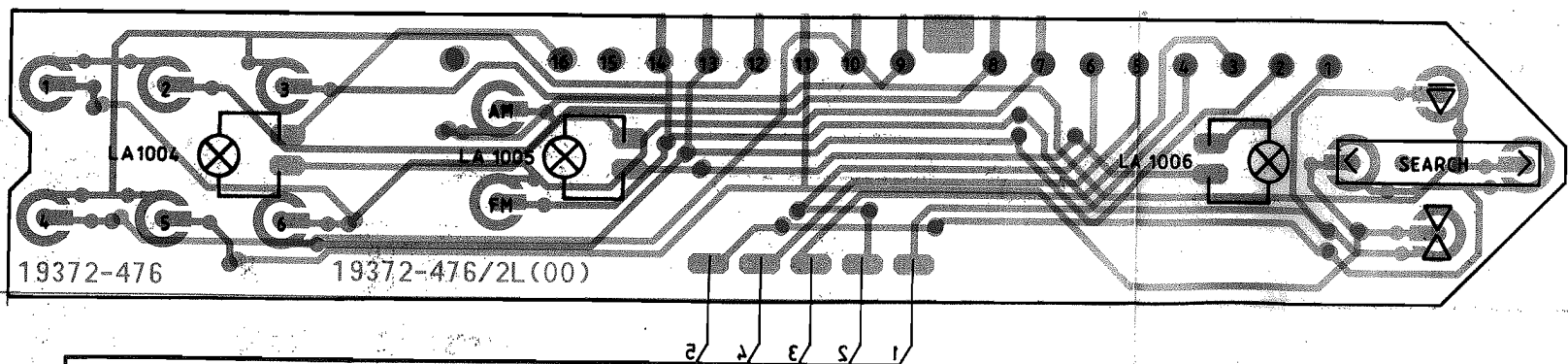
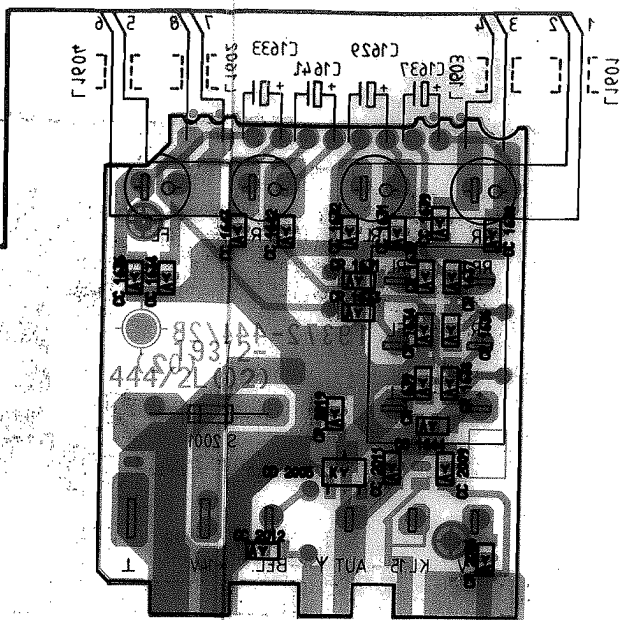
Bei Endstufen mit Lineverstärker



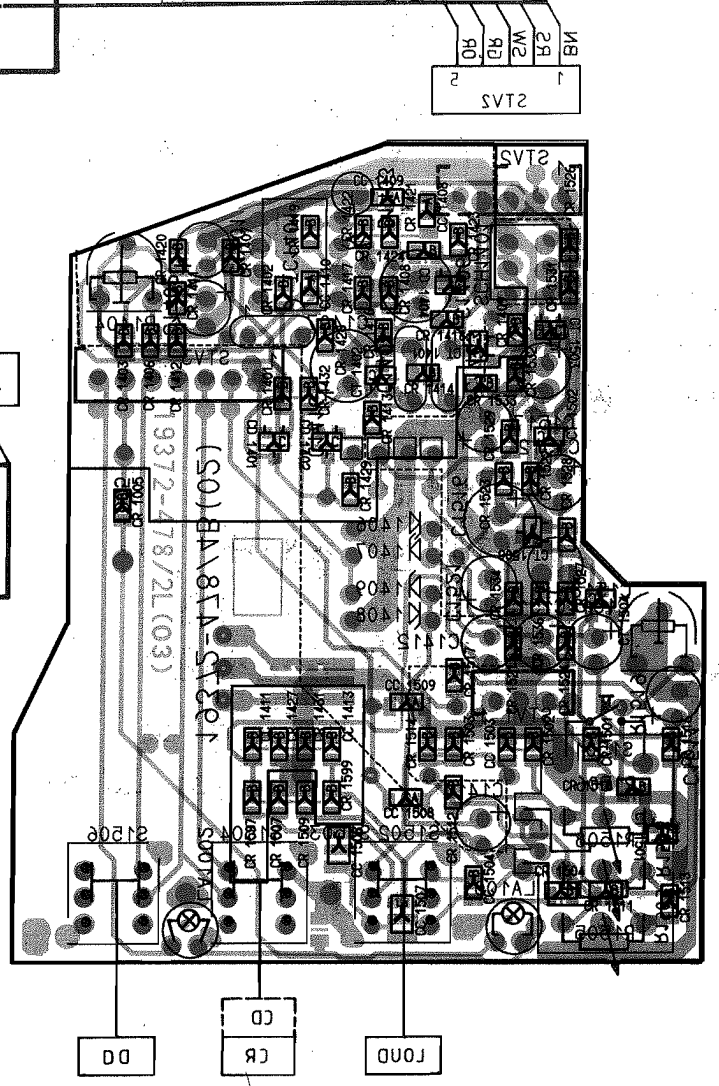
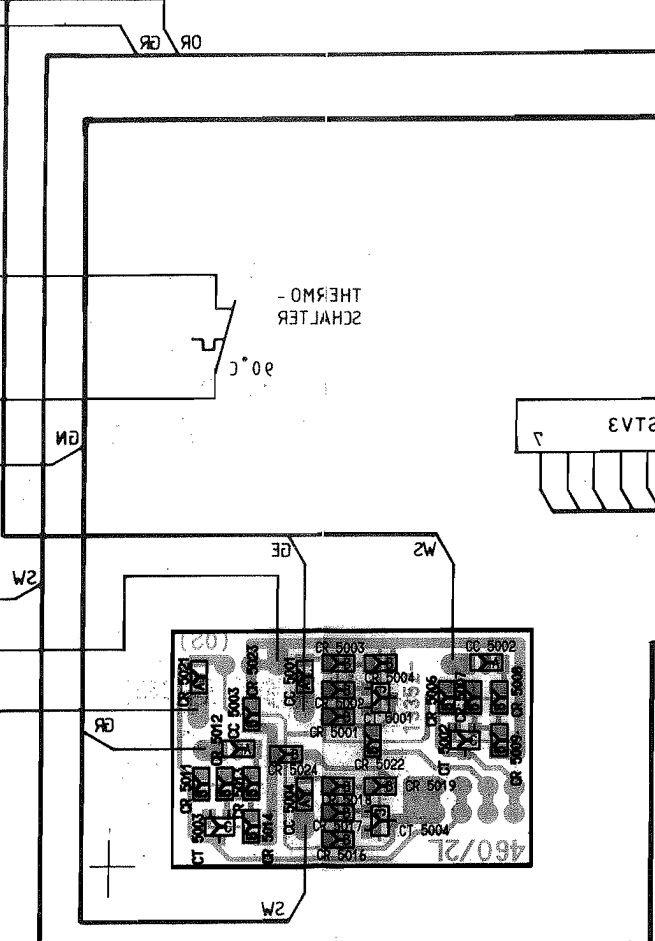
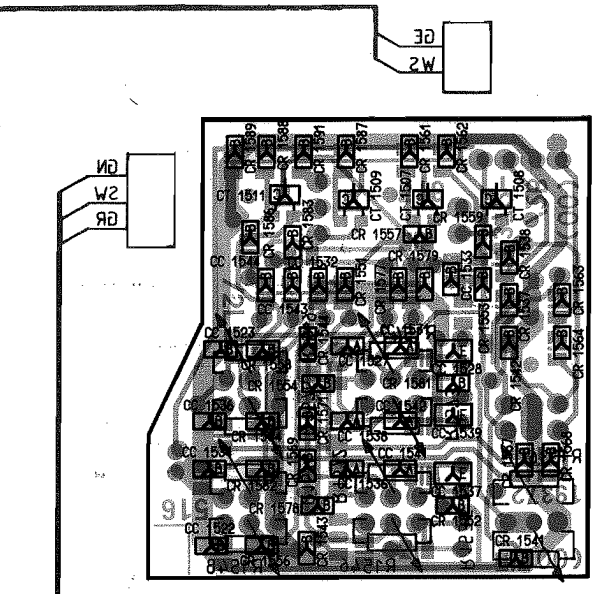
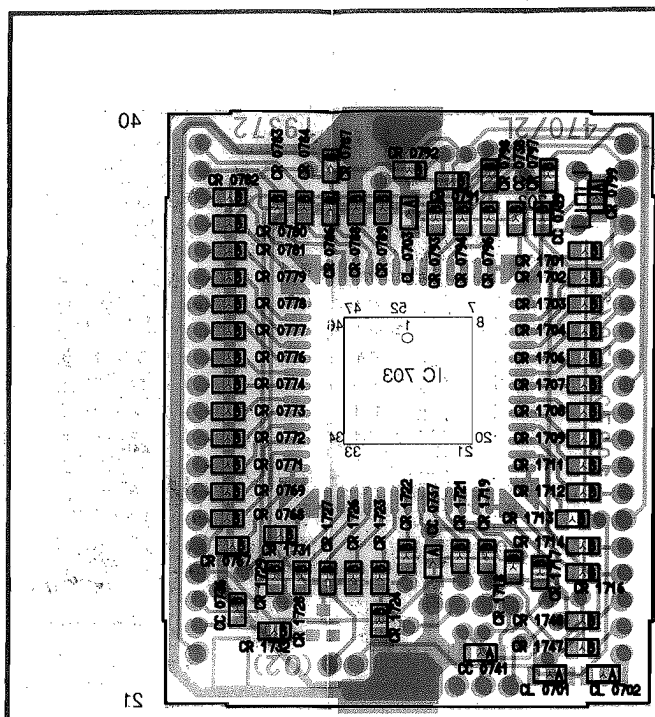
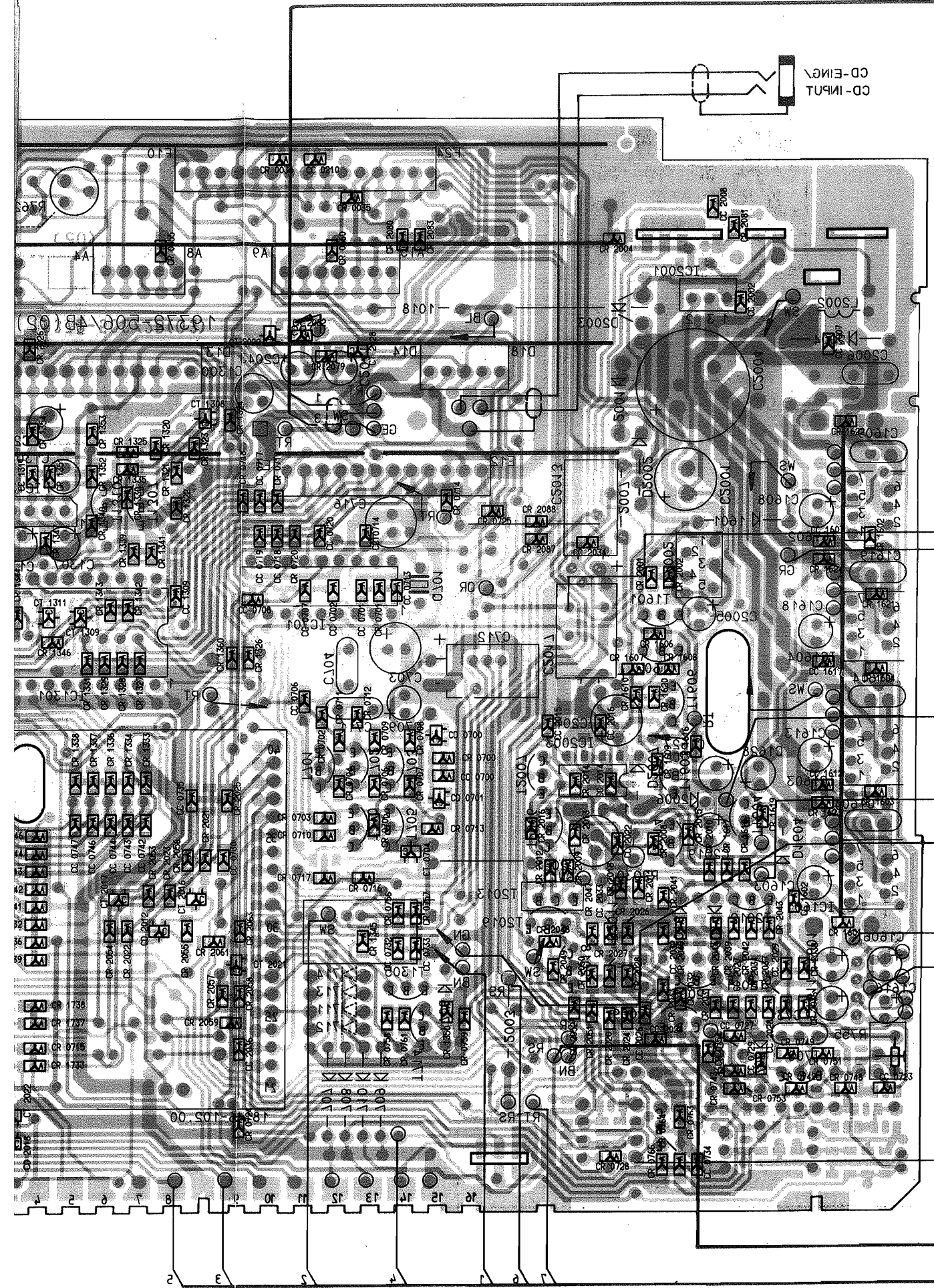
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 Component side  
 Côté composants  
 Lato componenti  
 Lado de componentes  
 Lötseite  
 Solder side  
 Côté soudures  
 Lato soldaduras  
 Lado soldaduras

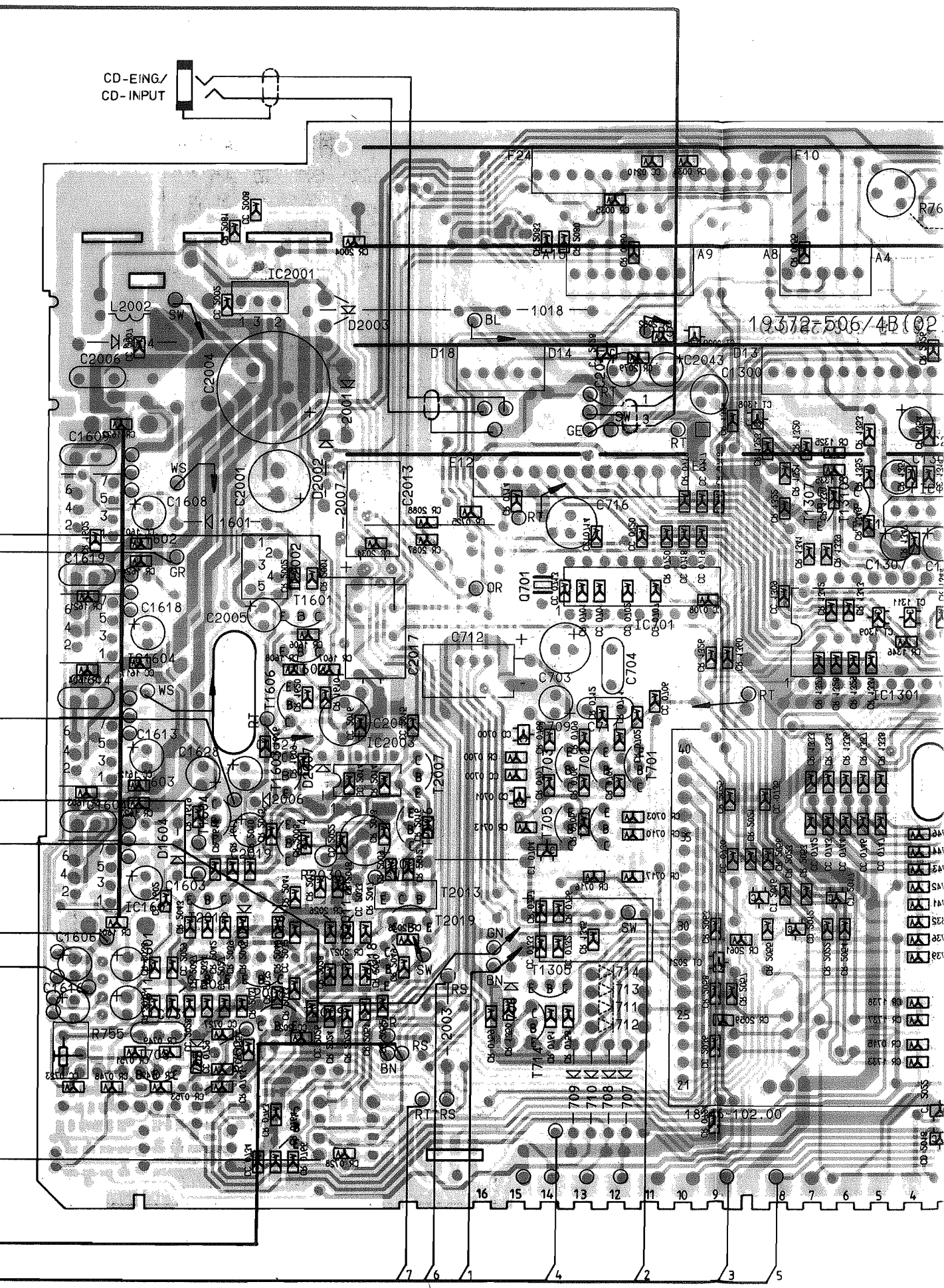
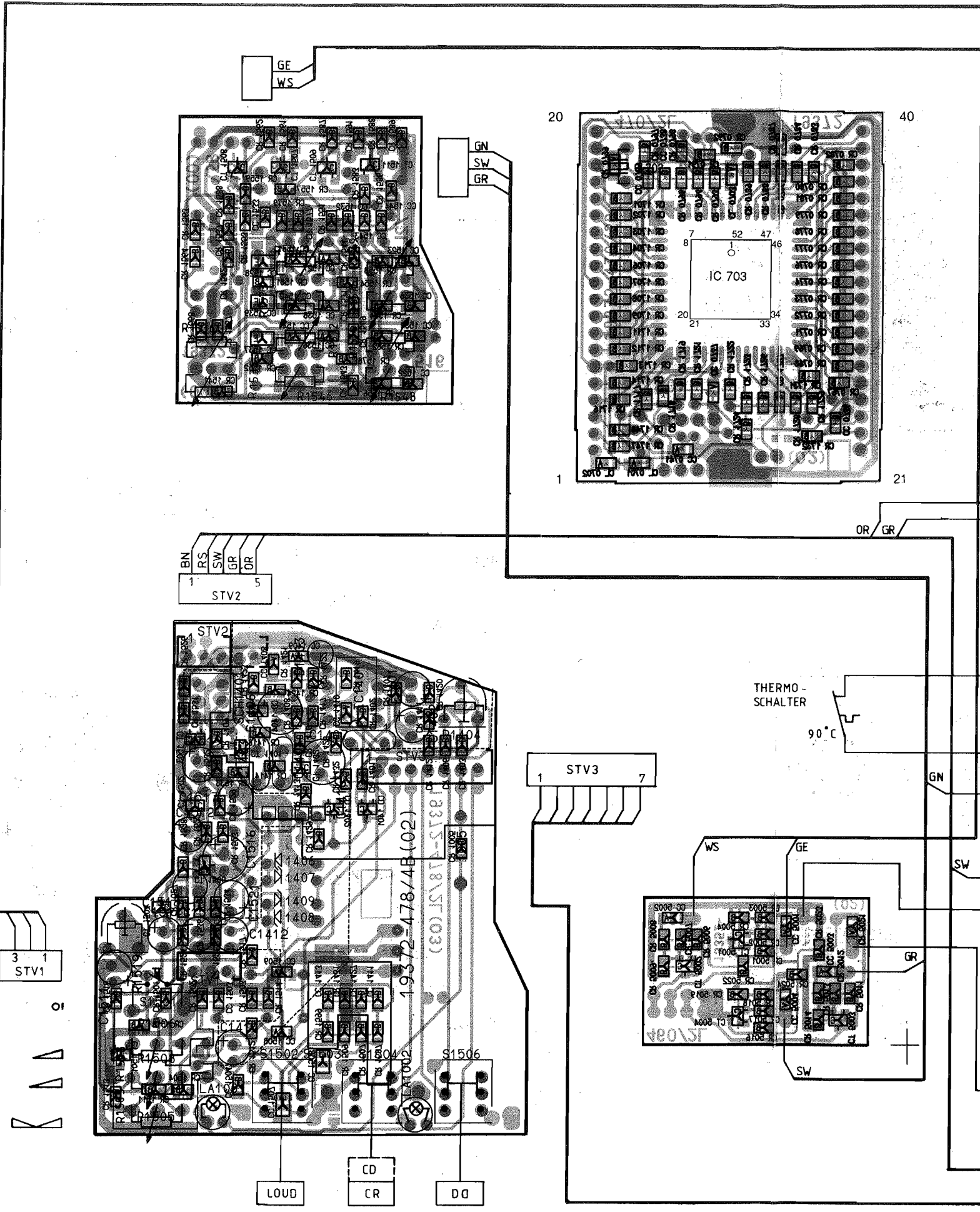


Bei Endstaten ohne Linienverstärker



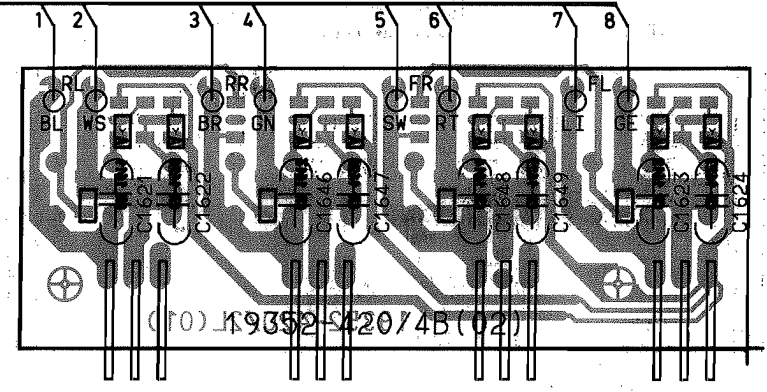
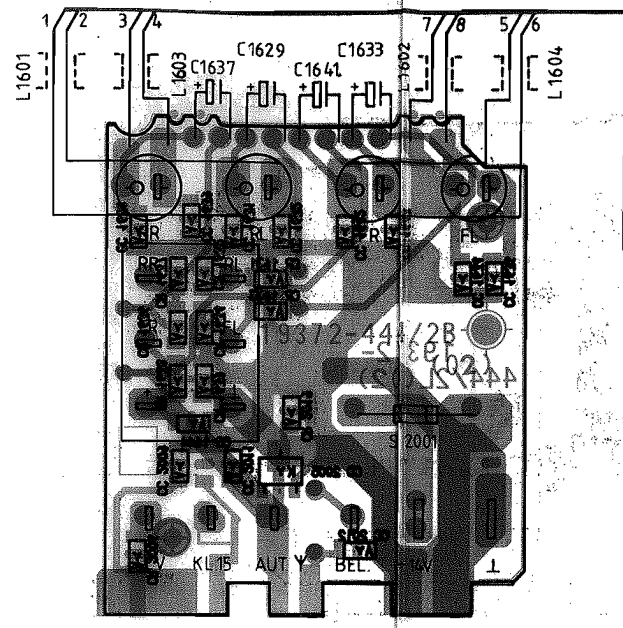
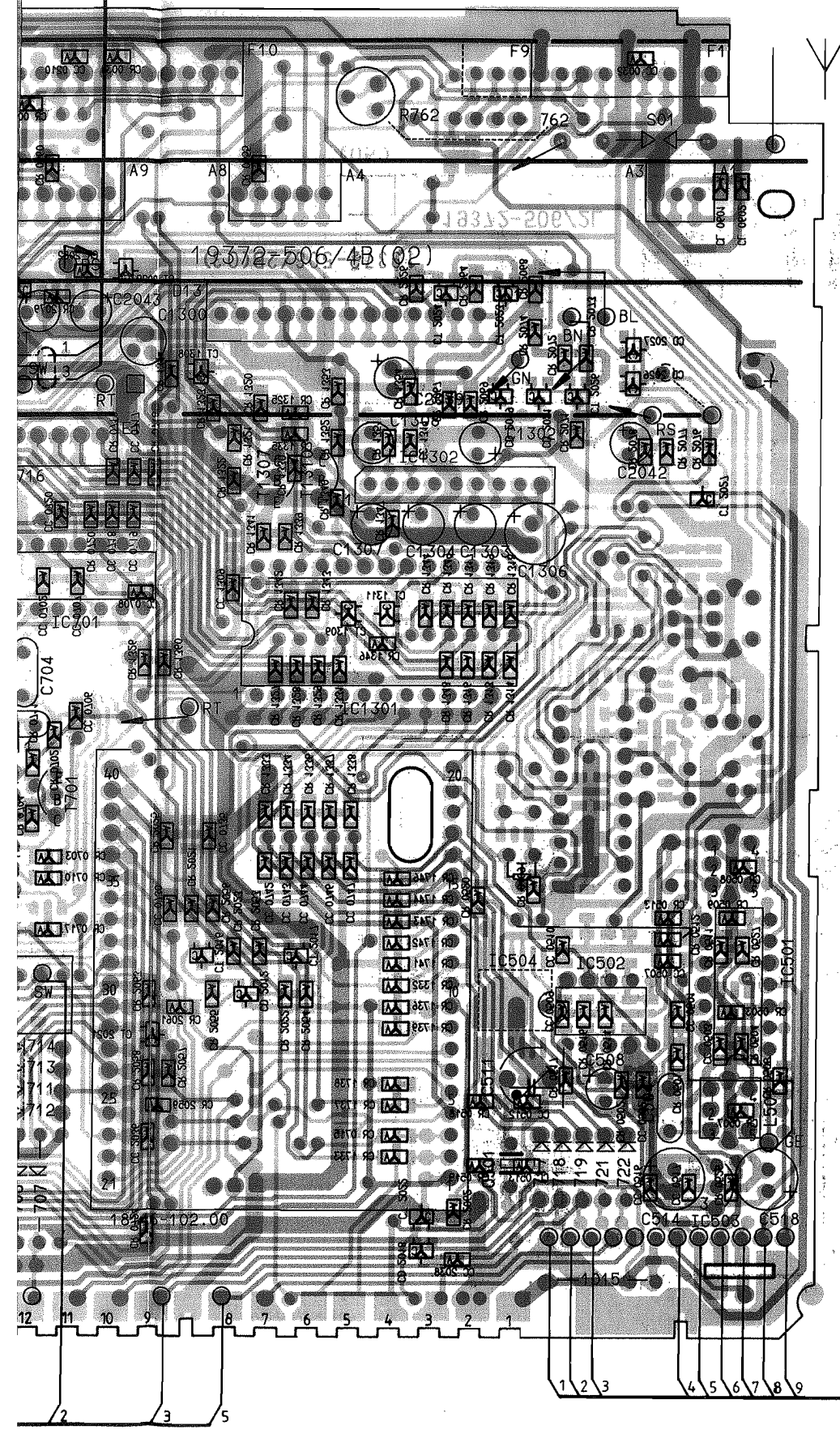




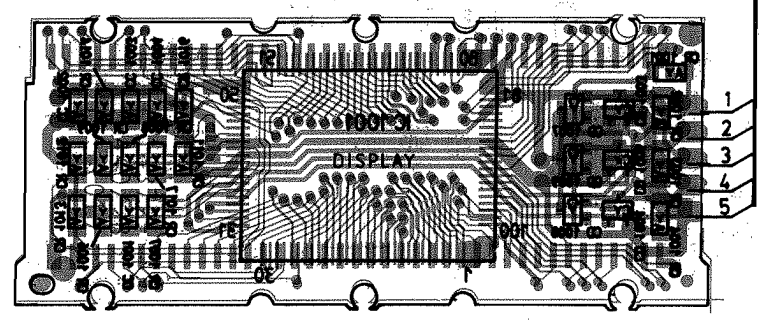
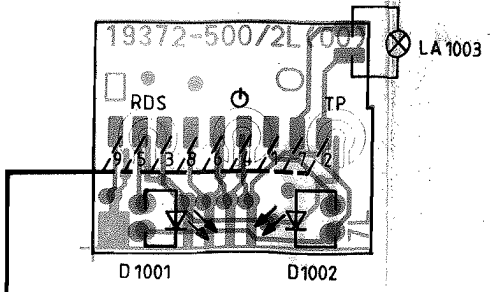
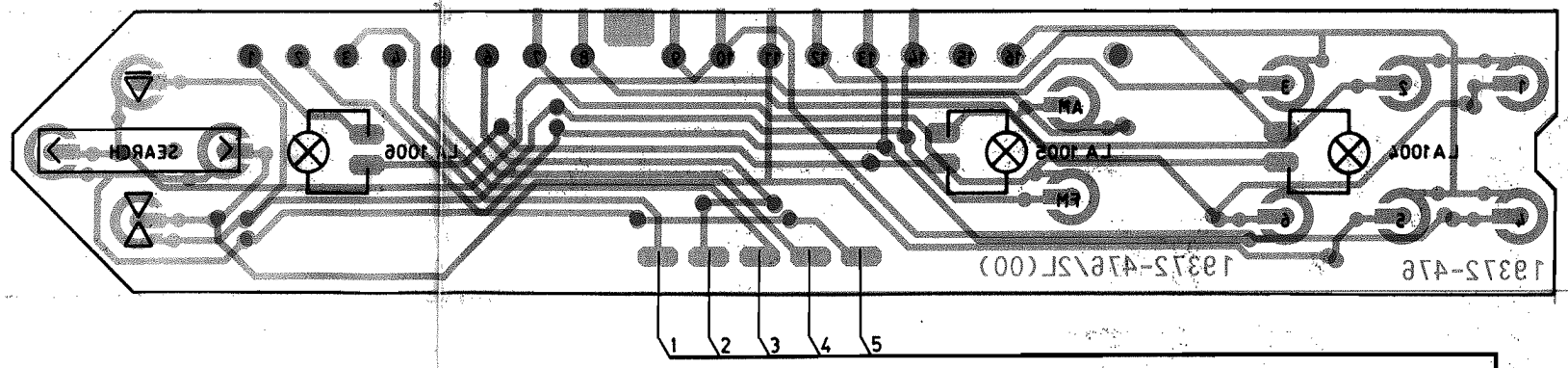


Lötseite  
 Solder side  
 Côté soudure  
 Lato saldatura  
 Lado de soldaduras

Bestückungsseite  
 Component side  
 Côté composants  
 Lato componenti  
 Lado de componentes

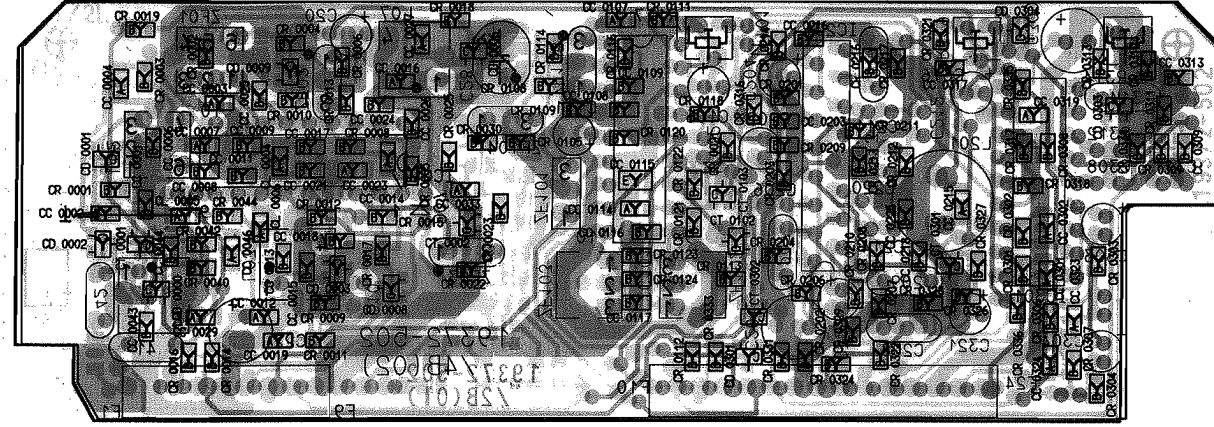
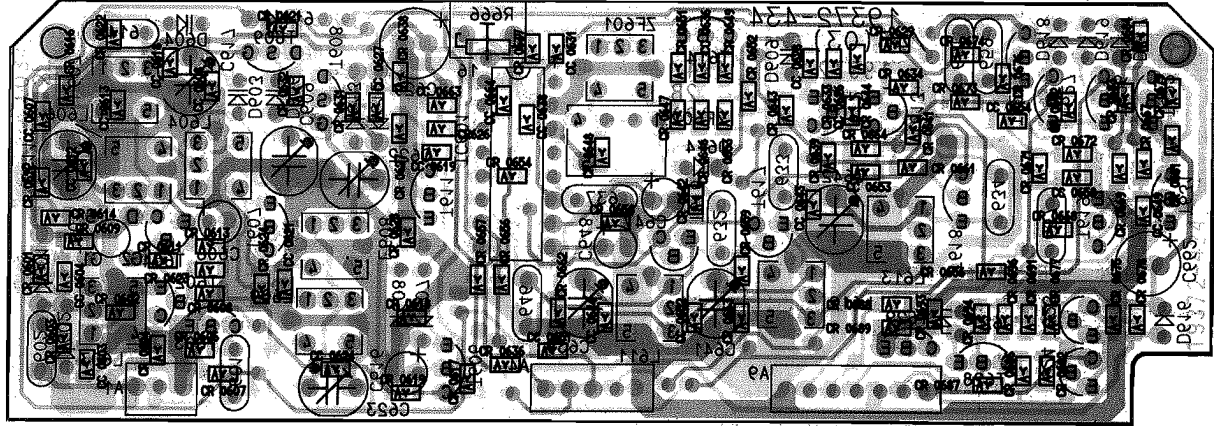
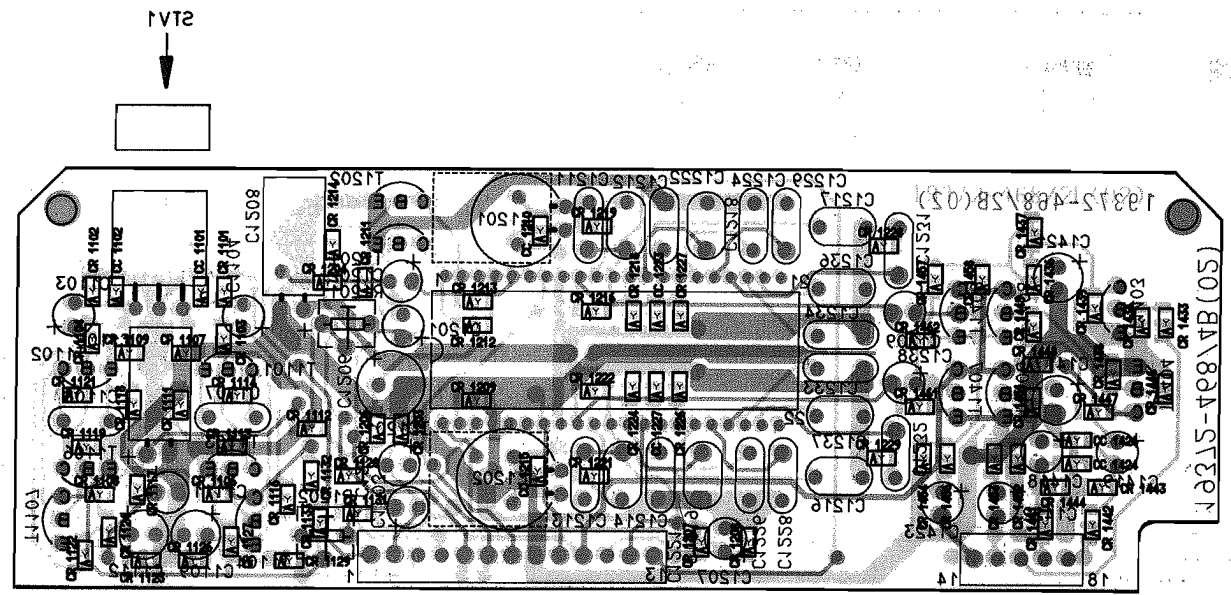
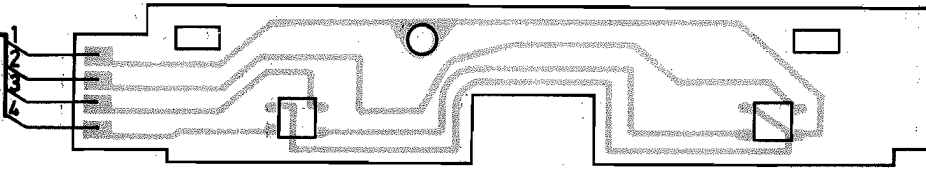
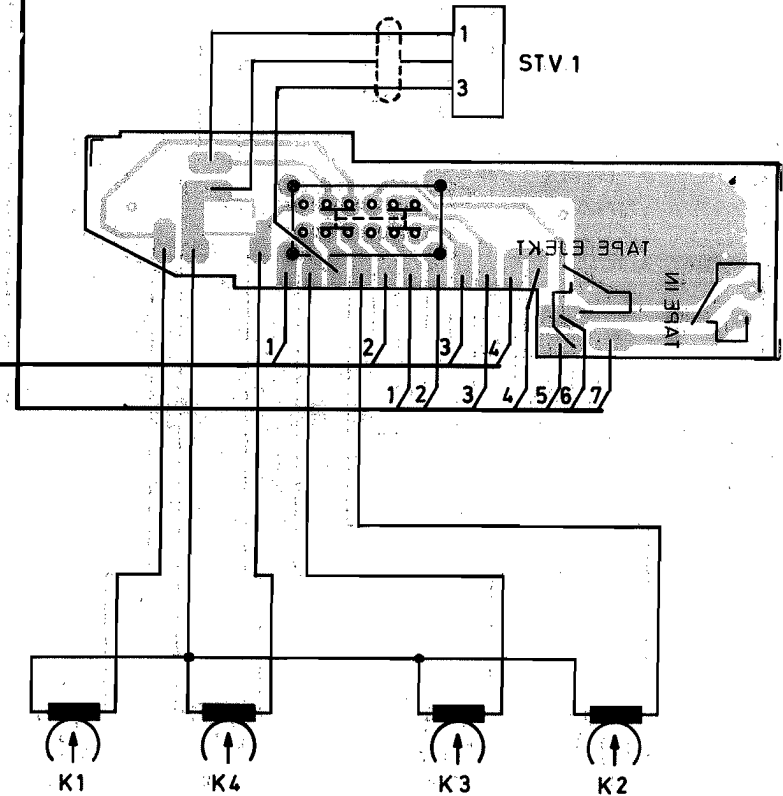
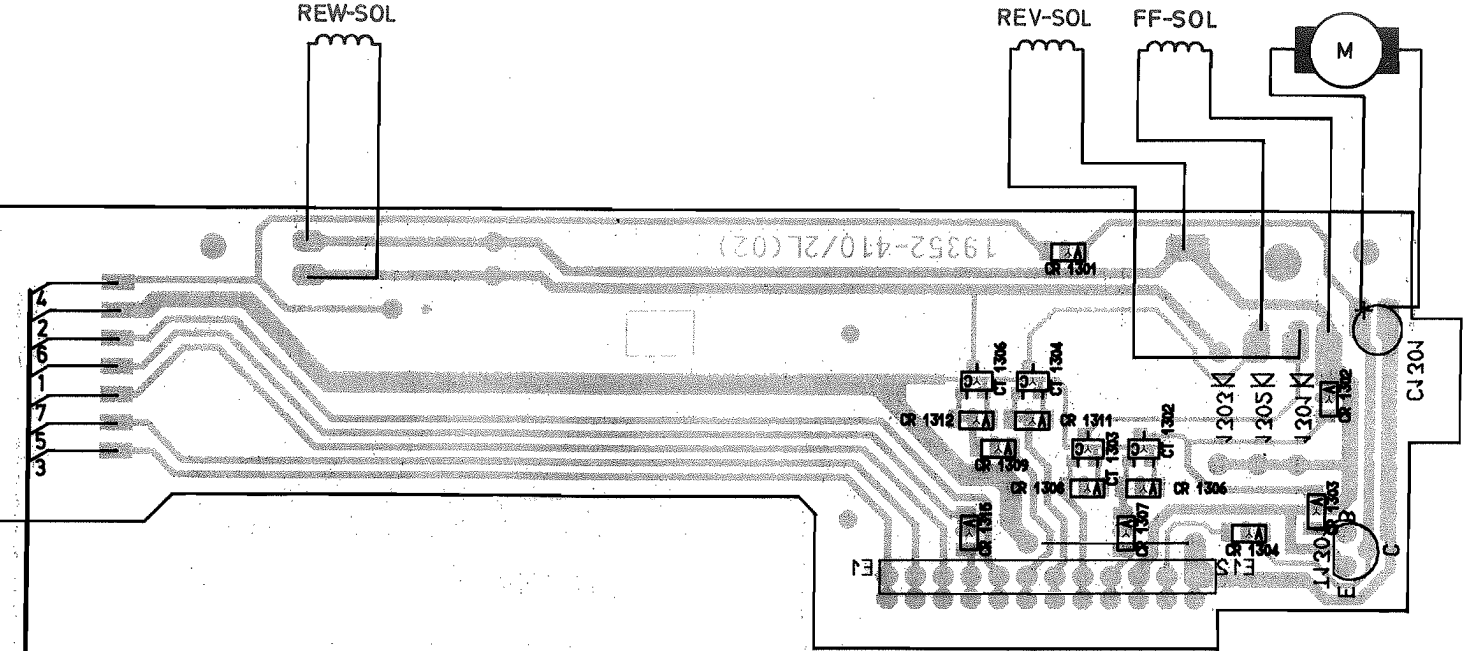


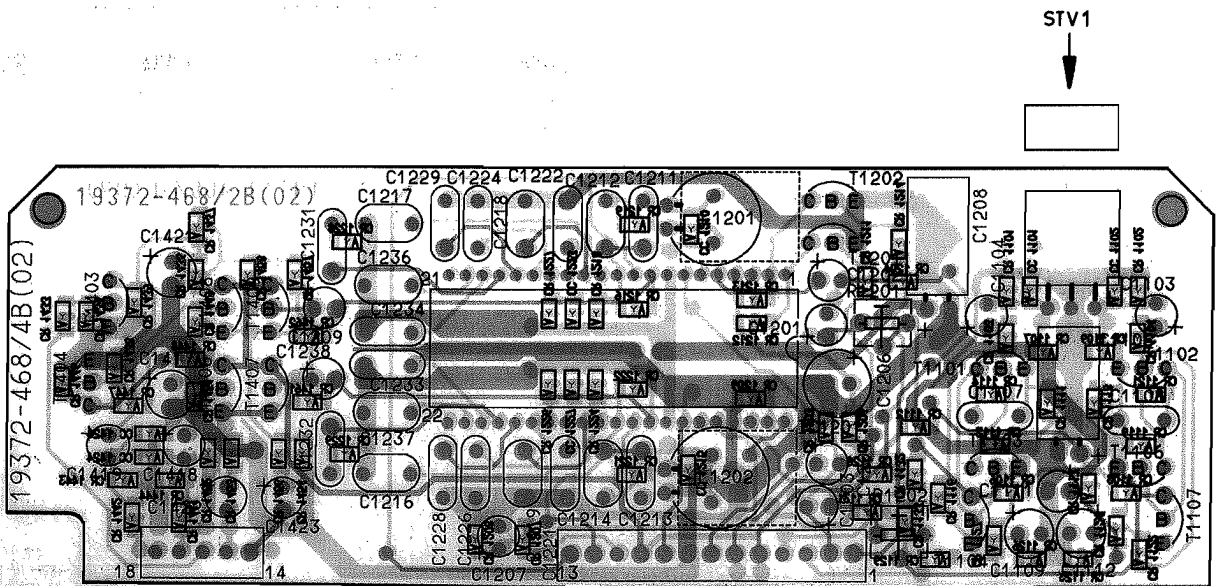
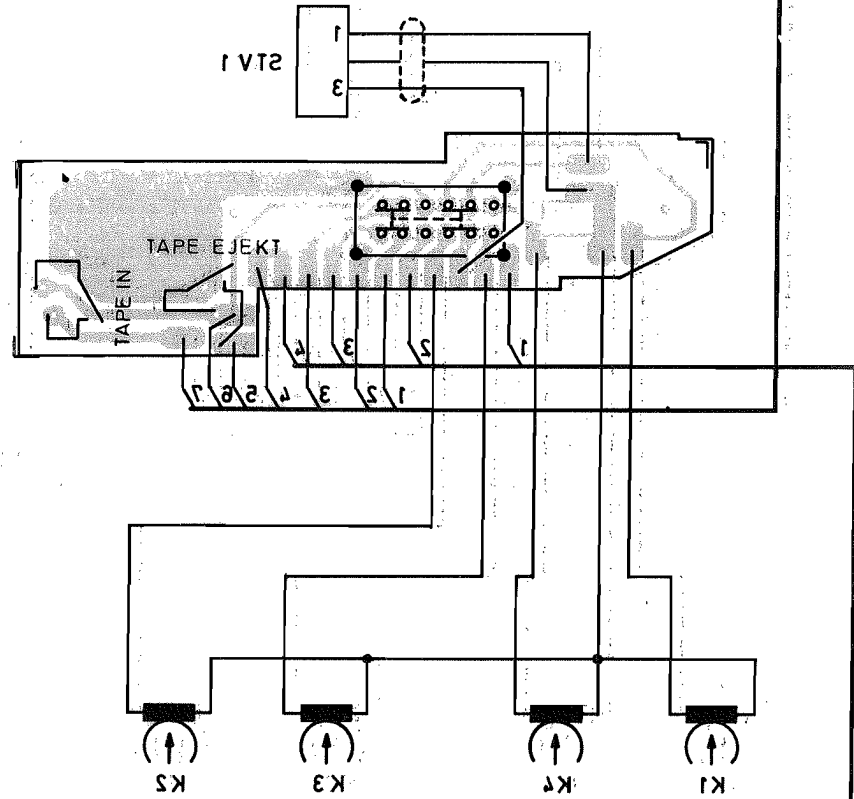
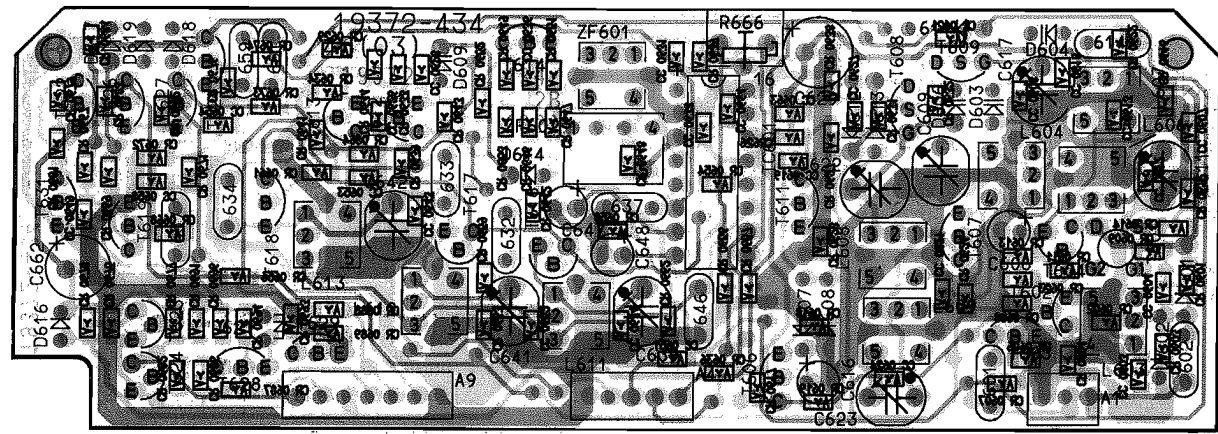
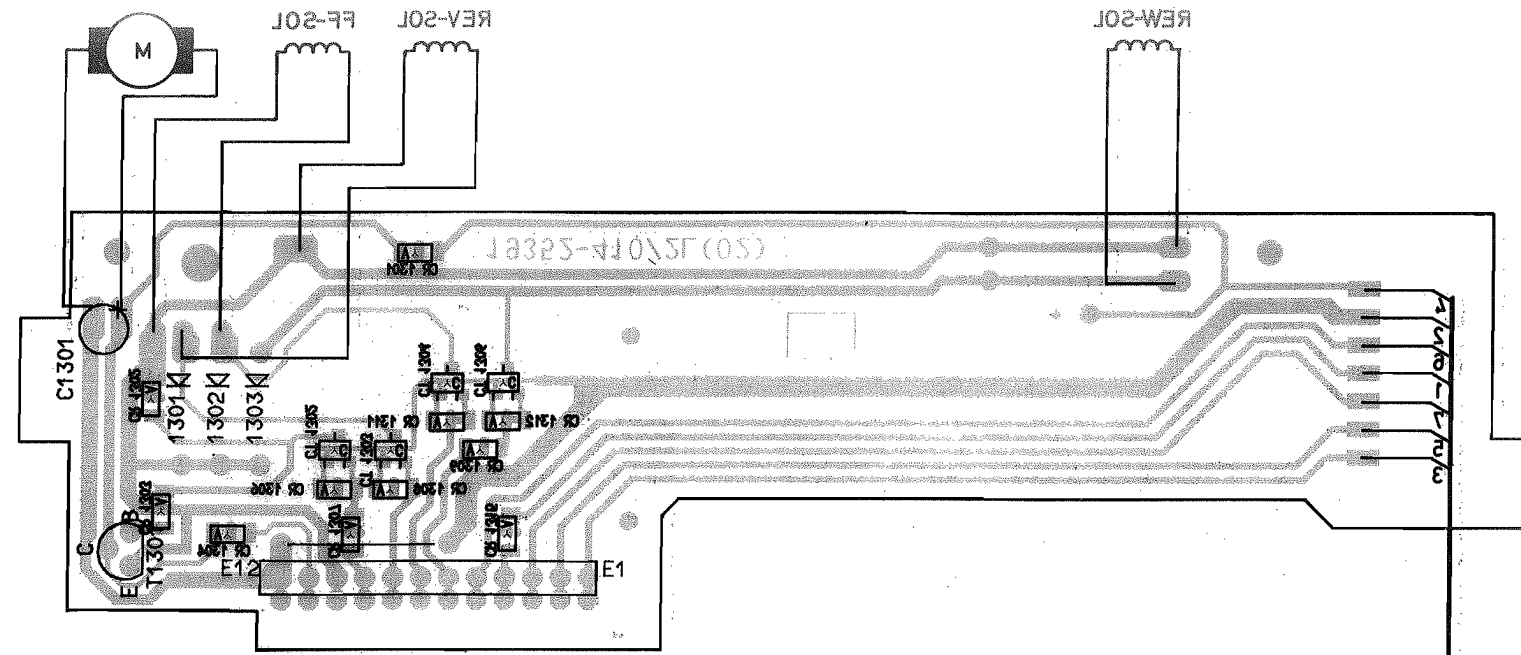
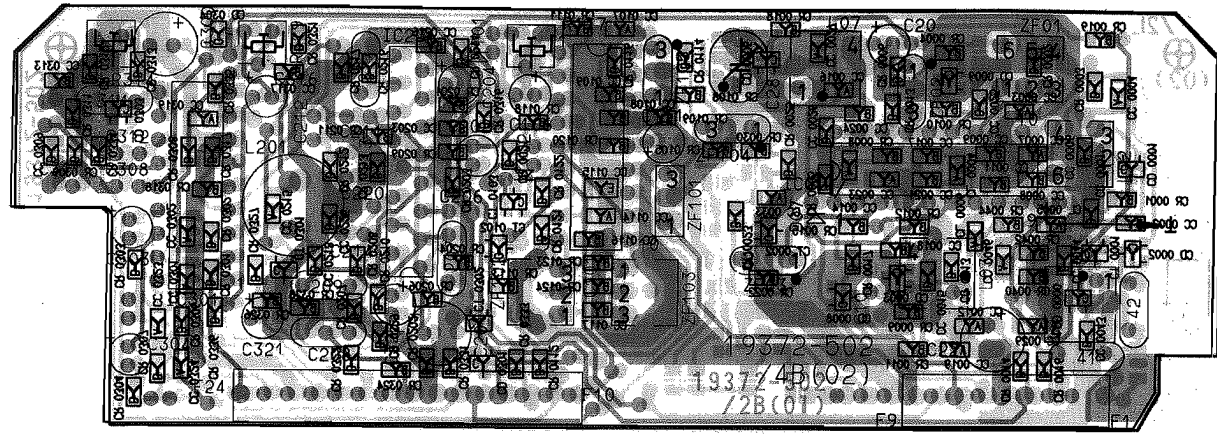
Bei Endstufen ohne Lineverstärker



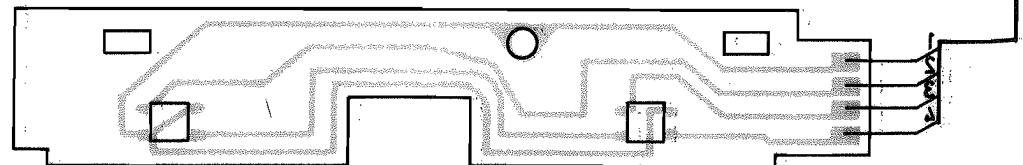
Lötseite  
Solder side  
Cote soudures  
Lato saldature  
Lado de soldaduras

Bestückungsseite  
Component side  
Côté composants  
Lato componenti  
Lado de componentes



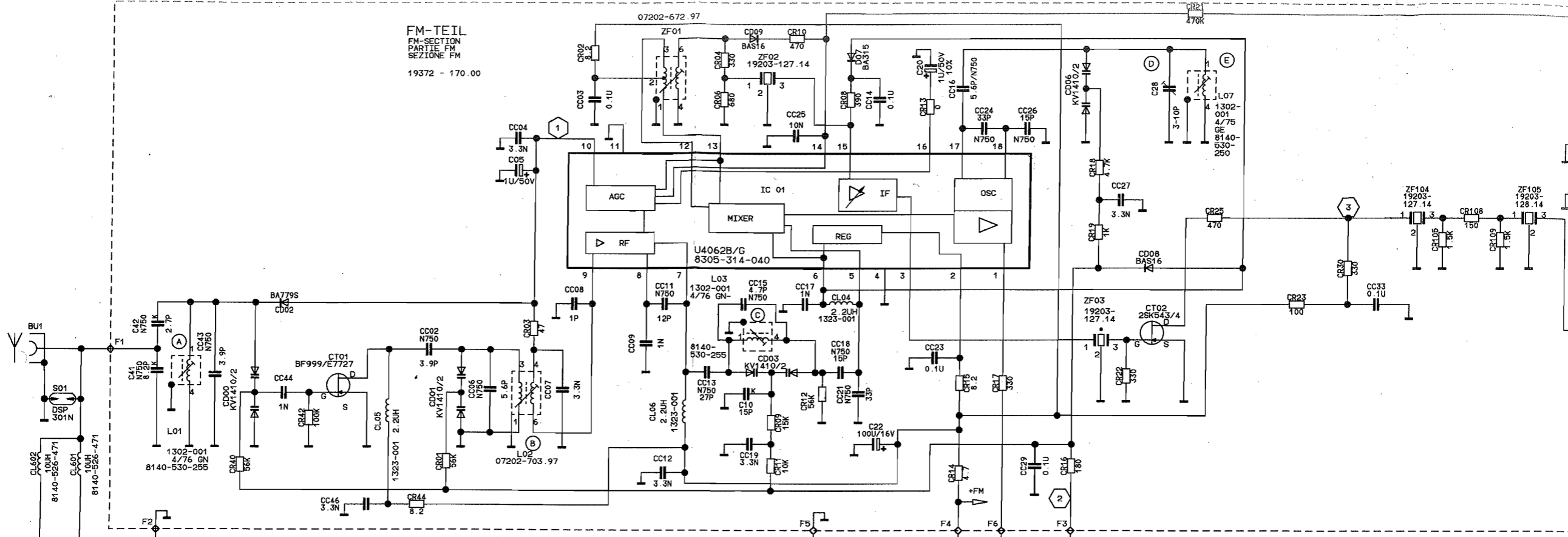


Bestückungsseite  
Component side  
Côté composants  
Lato componenti  
Lado de componentes



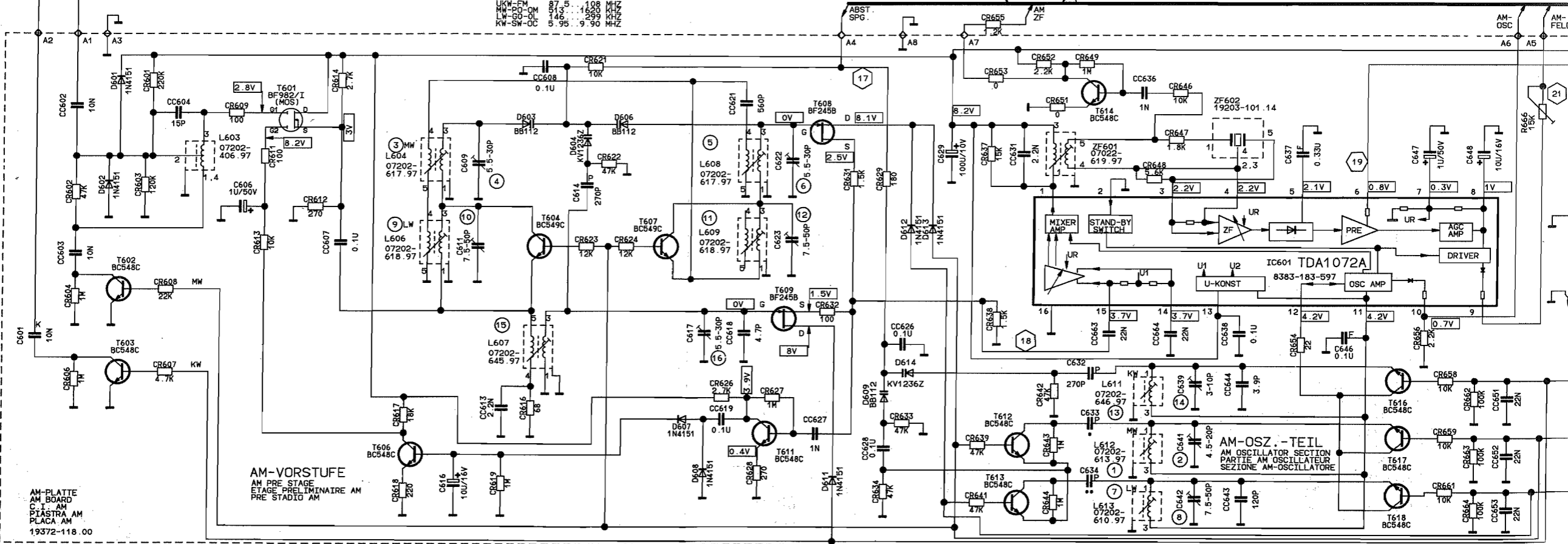
Lötseite  
Solder side  
Côté soudures  
Lato soldature  
Lado de soldaduras

FM-TEIL  
FM-SECTION  
PARTIE FM  
SEZIONE FM  
19372 - 170.00



WELLENLÄNGEN  
WAVELENGTHS  
LONGUEURS D'ONDES  
GAMAS DE LONGUEURS D'ONDES  
GAMAS DE ONDAS

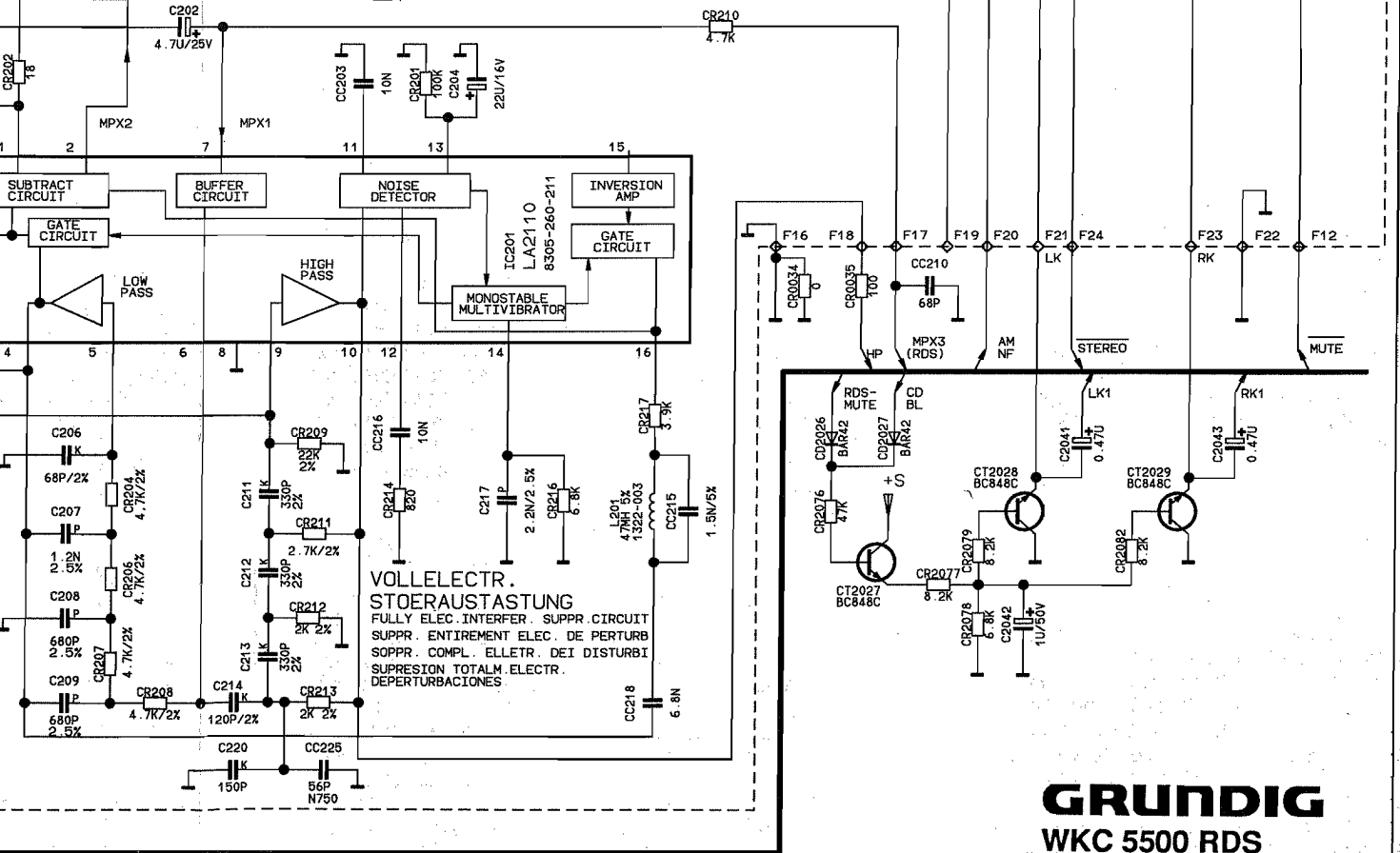
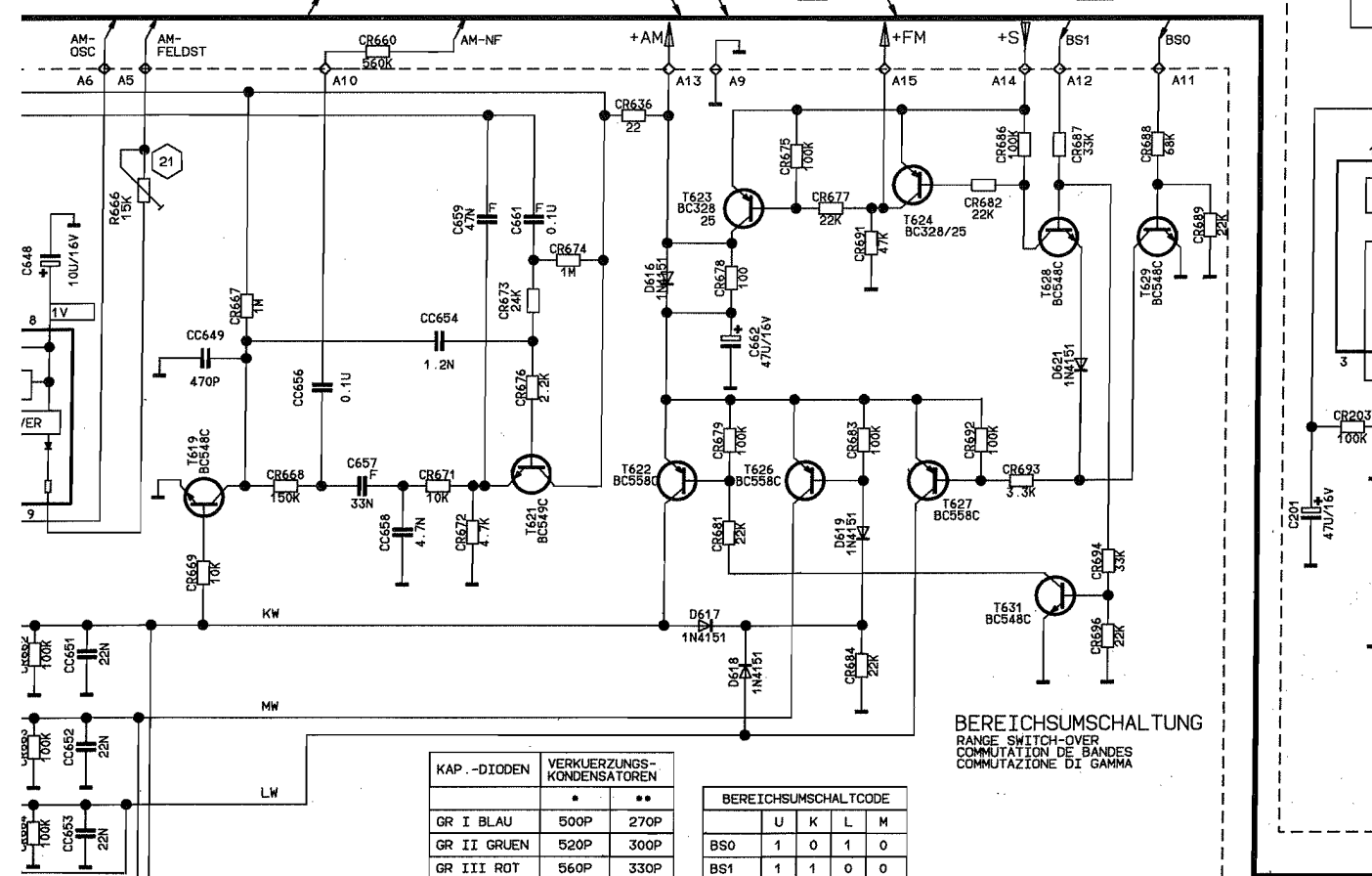
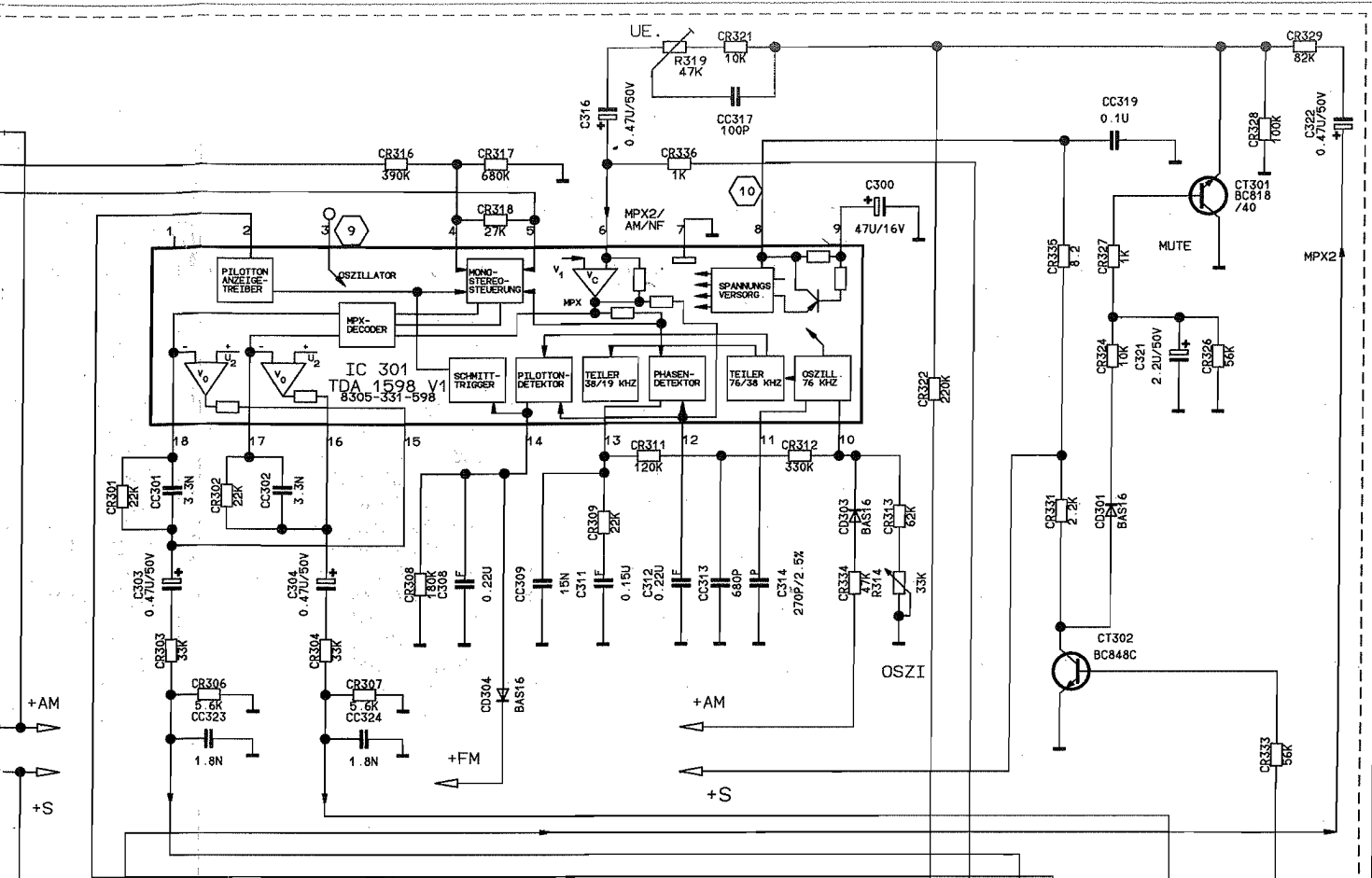
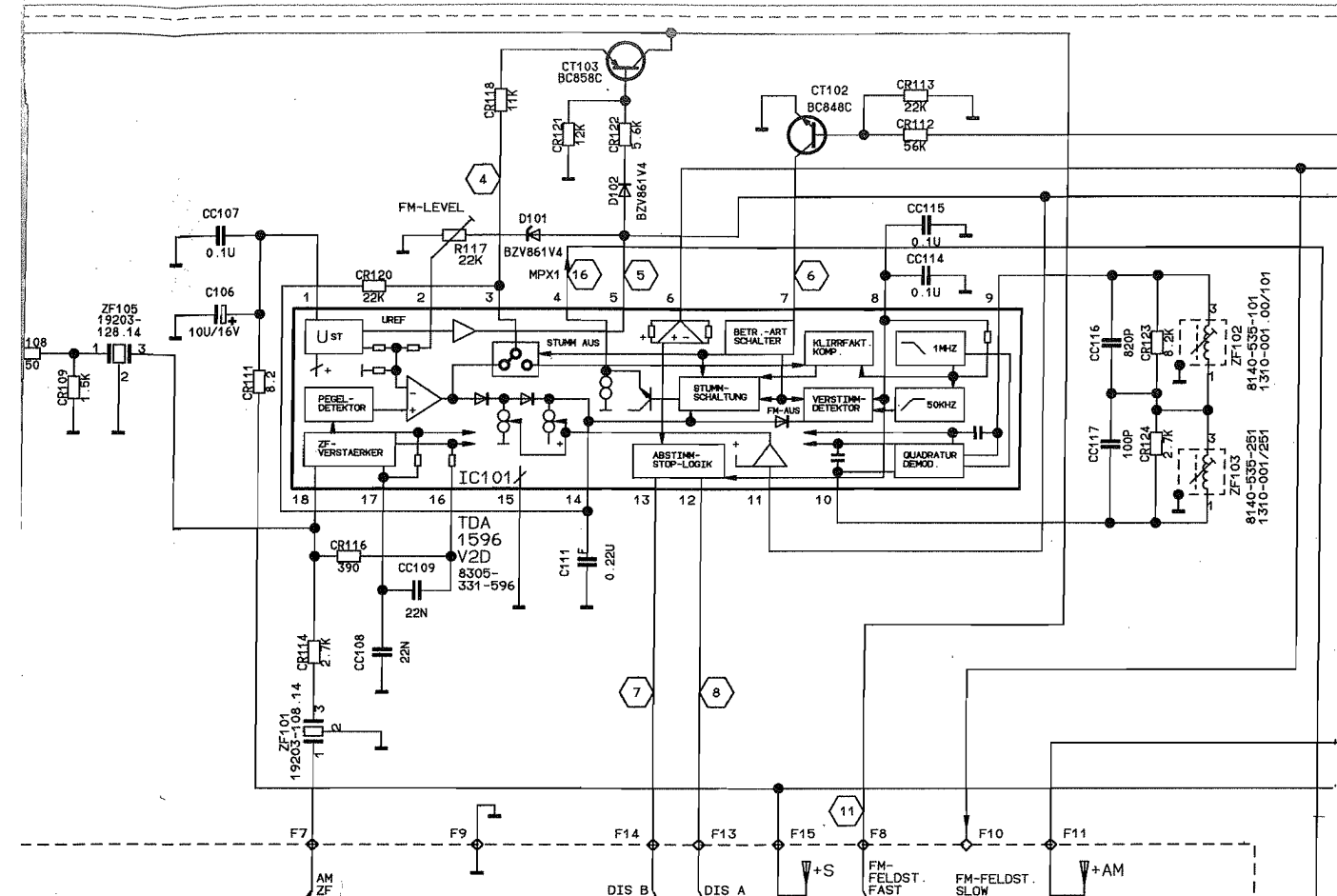
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LW	GO	146	160	M
SW	GO	5.95	9.09	M
OC				M



MESSPUNKTE  
MEASURING POINTS  
ABGLEICHPUNKTE  
ALIGNMENT POINTS

1 17 18 2 3 19 21

A 3 9 10 4 15 B 5 11 16 6 12 D C 13 1 7 14 2 8 E

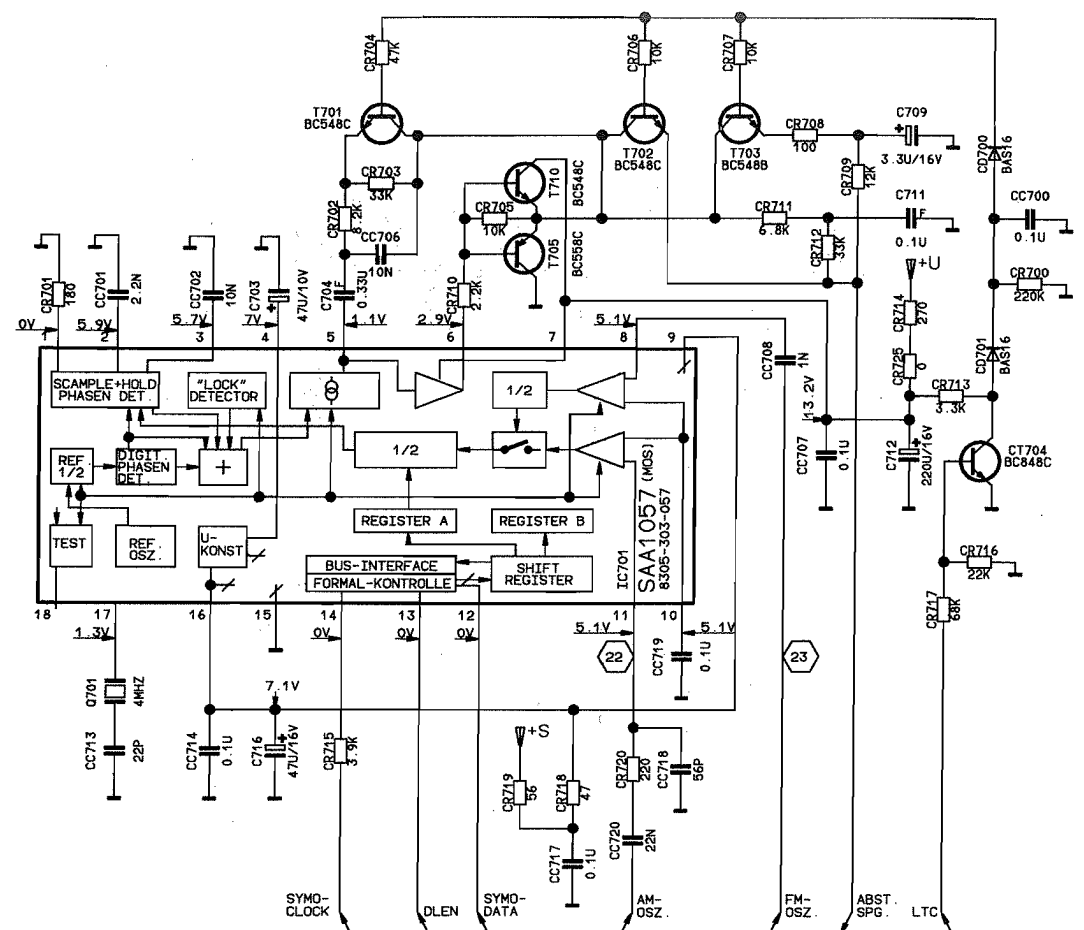


KAP.-DIODEN	VERKUEZUNGS-KONDENSATOREN	
	*	**
GR I BLAU	500P	270P
GR II GRUEN	520P	300P
GR III ROT	560P	330P

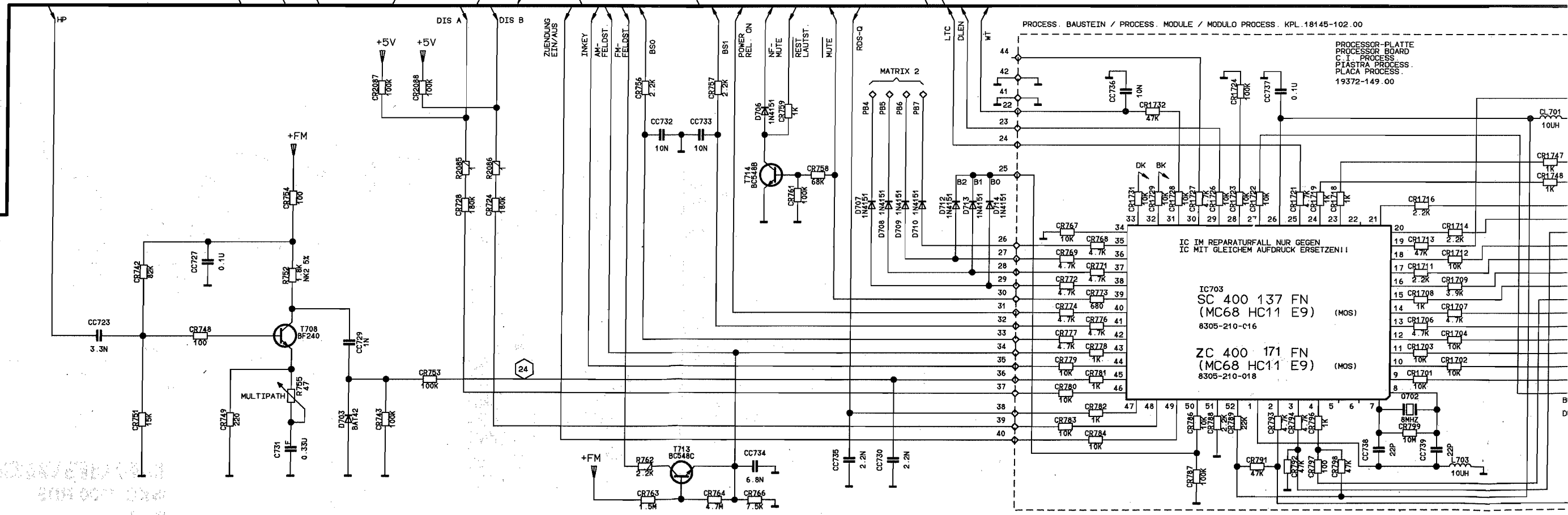
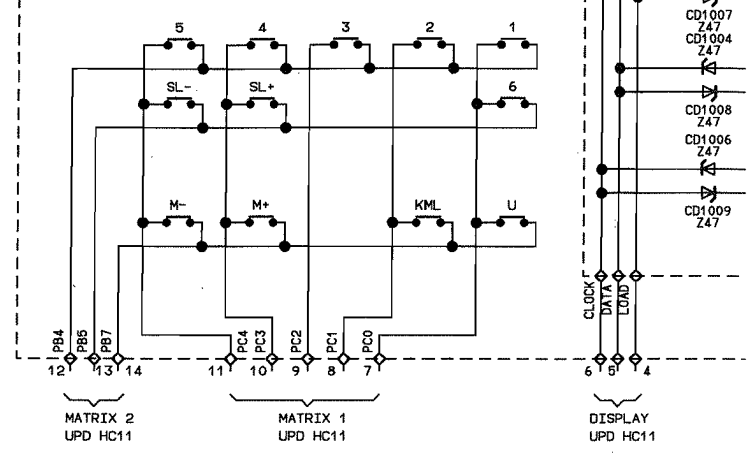
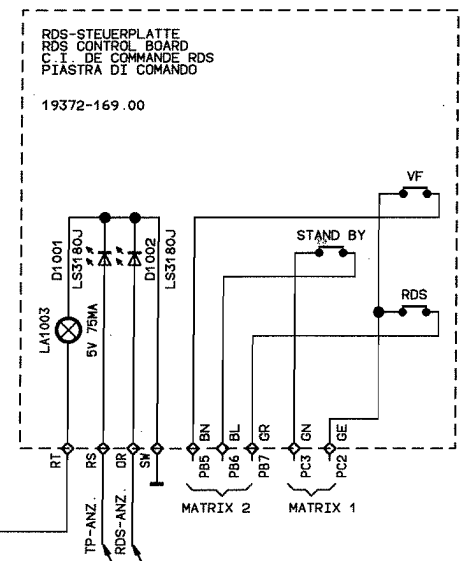
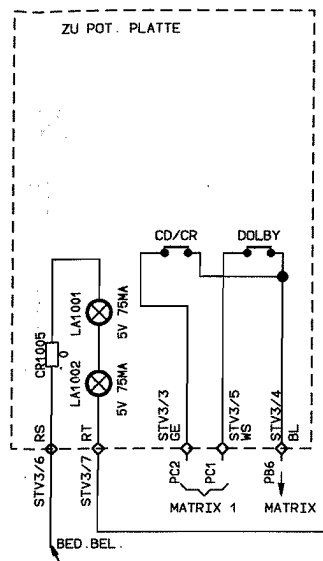
BEREICHSUMSCHALT-CODE			
U	K	L	M
BS0	1	0	1
BS1	1	1	0

**GRUNDIG**  
WKC 5500 RDS  
BL.1



ABNEHMBARES BEDIEN- UND ANZEIGE-TEIL  
 REMOVEABLE CONTROL/DISPLAY SECTION  
 PARTIE COMMANDES/AFICHICHEUR DEMONTABLE  
 SEZIONE COMANDI/DISPLAY AMOVIBILE  
 SECCION DE MANDOS Y DEL DISPLAY DESMONTABLE  
 KPL. 18160-101.00

BEDIENPLATTE  
 CONTROL BOARD  
 C.1. COMMANDES  
 PIASTRA COMANDI  
 PLACA DE MANDOS  
 19372-158.00

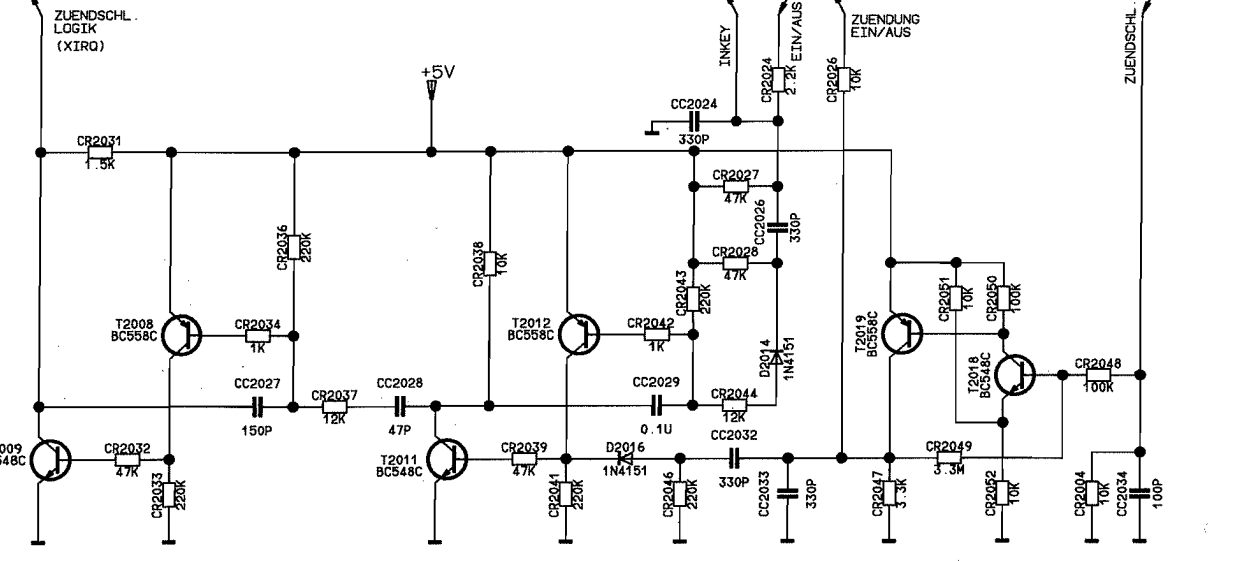
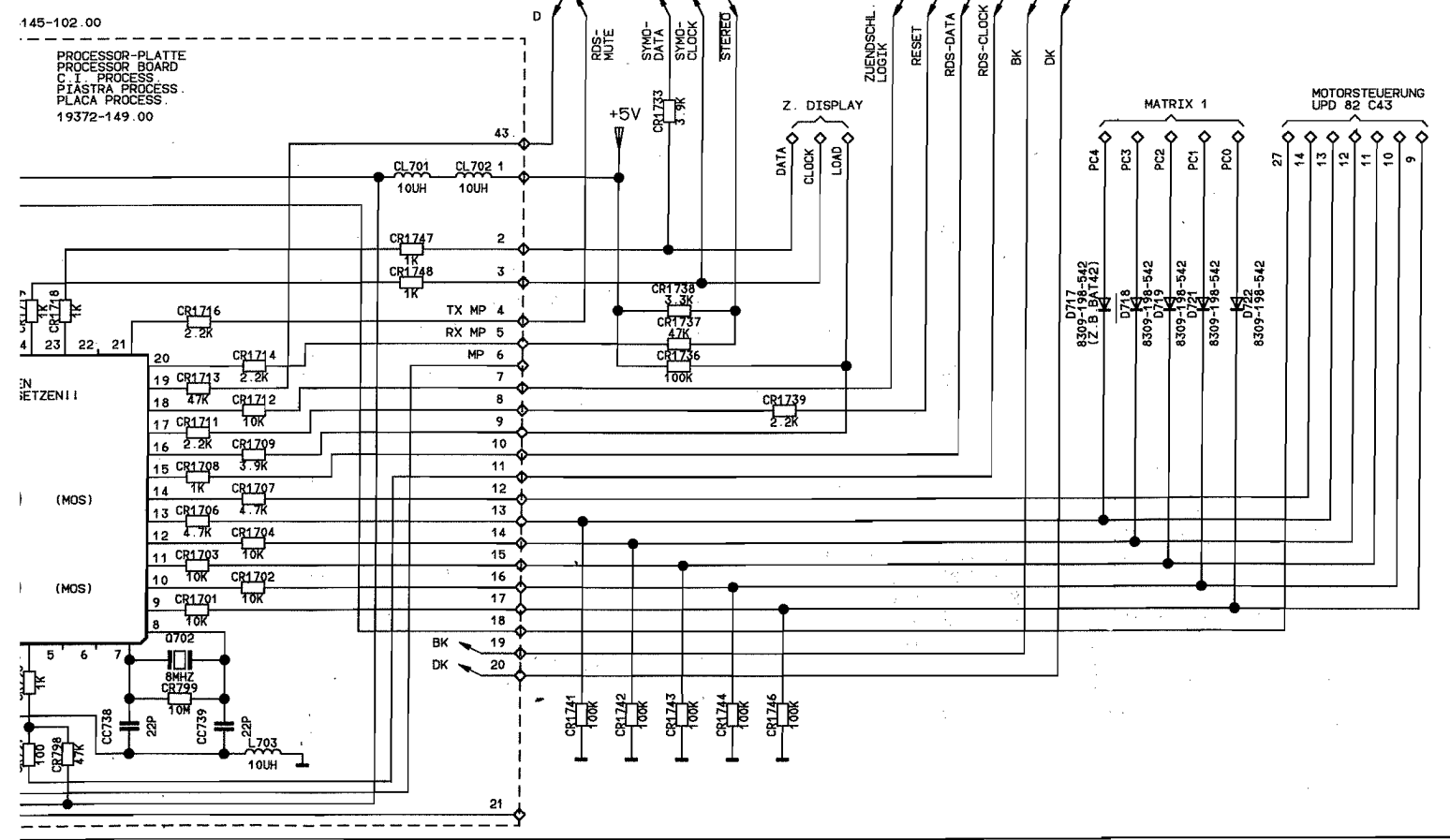
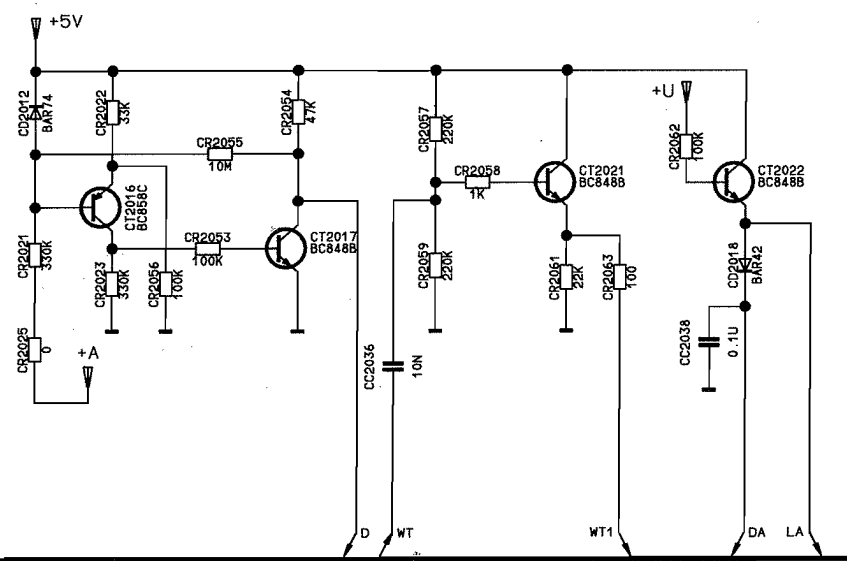
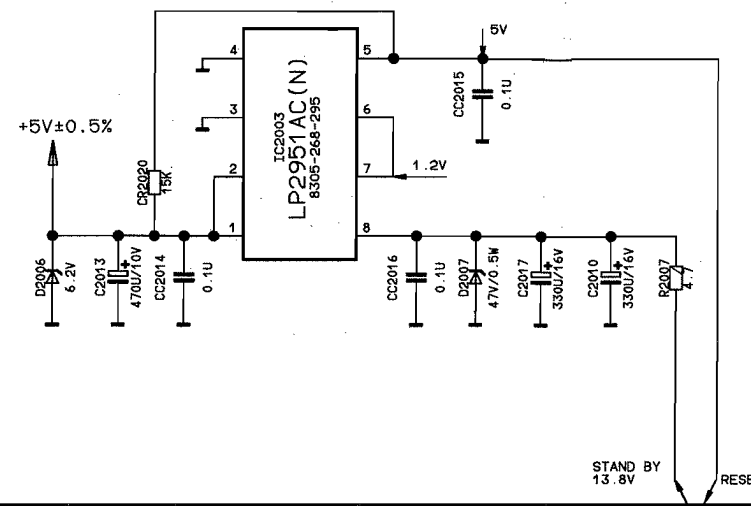
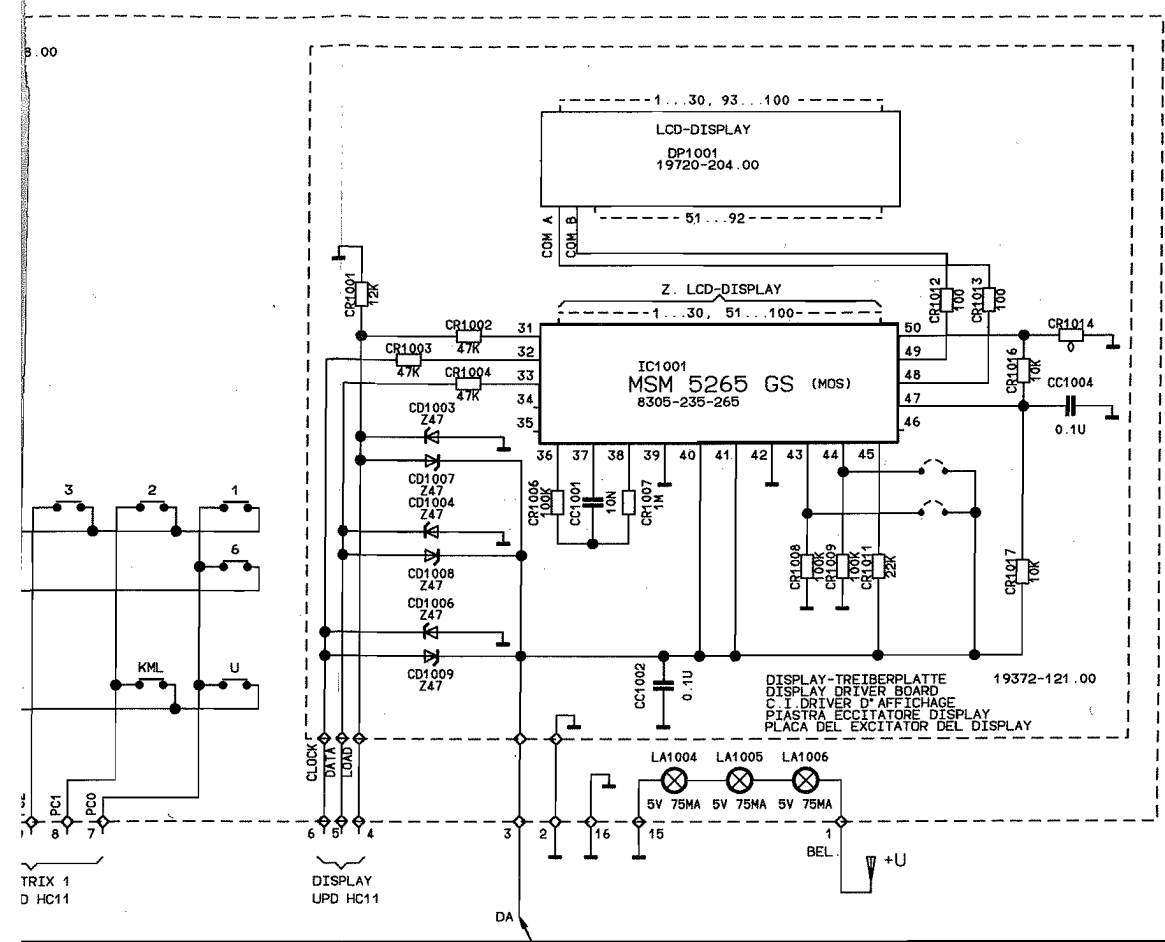


PROCESS. BAUSTEIN / PROCESS. MODULE / MODULO PROCESS. KPL.18145-102.00

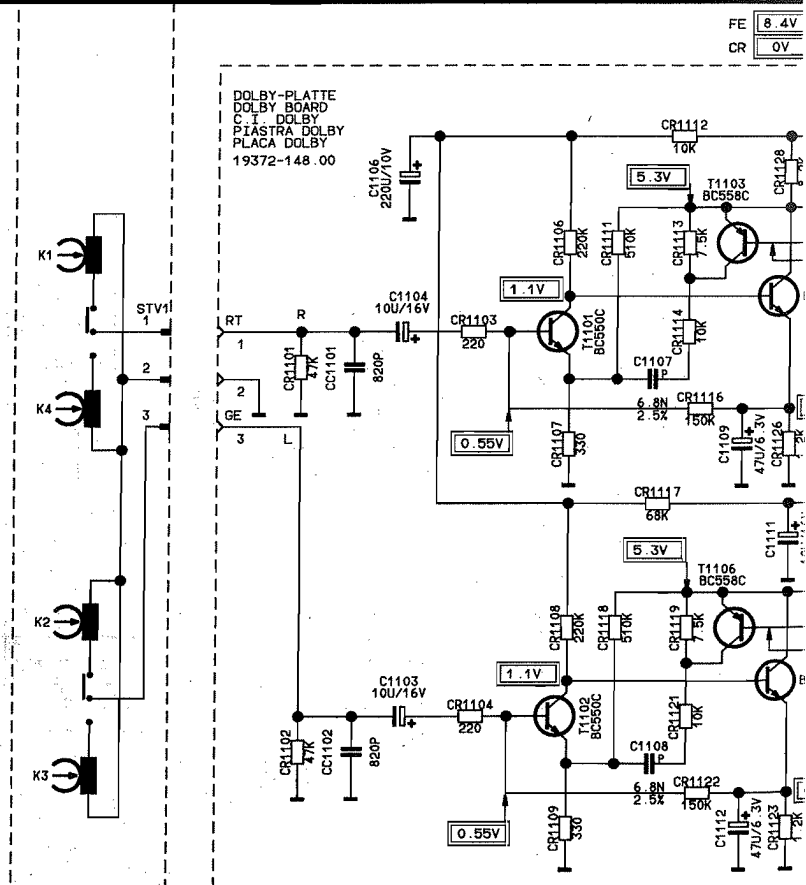
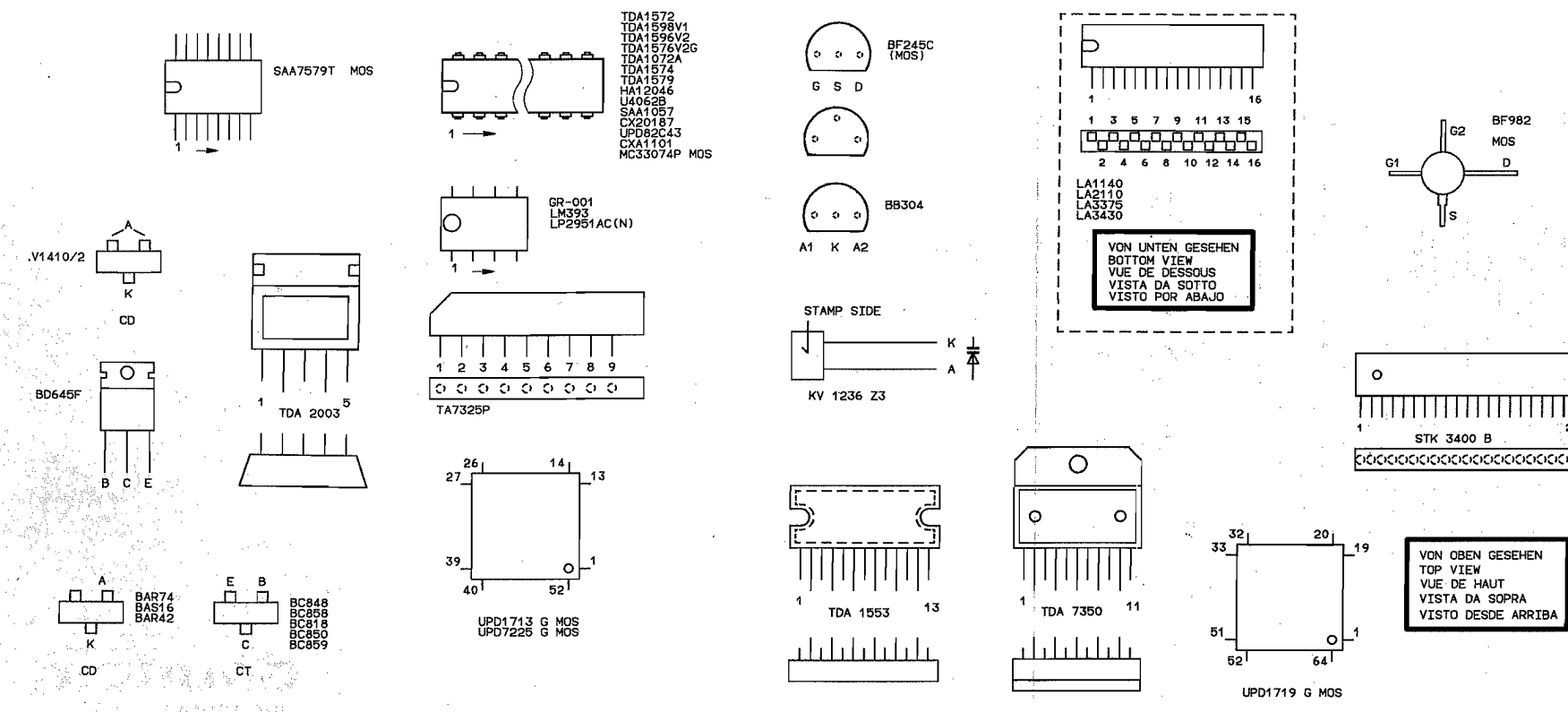
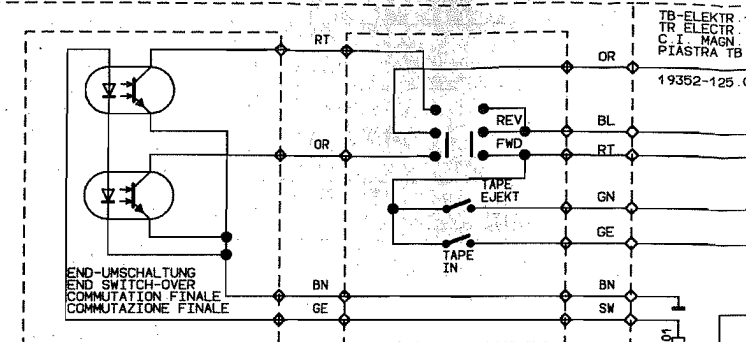
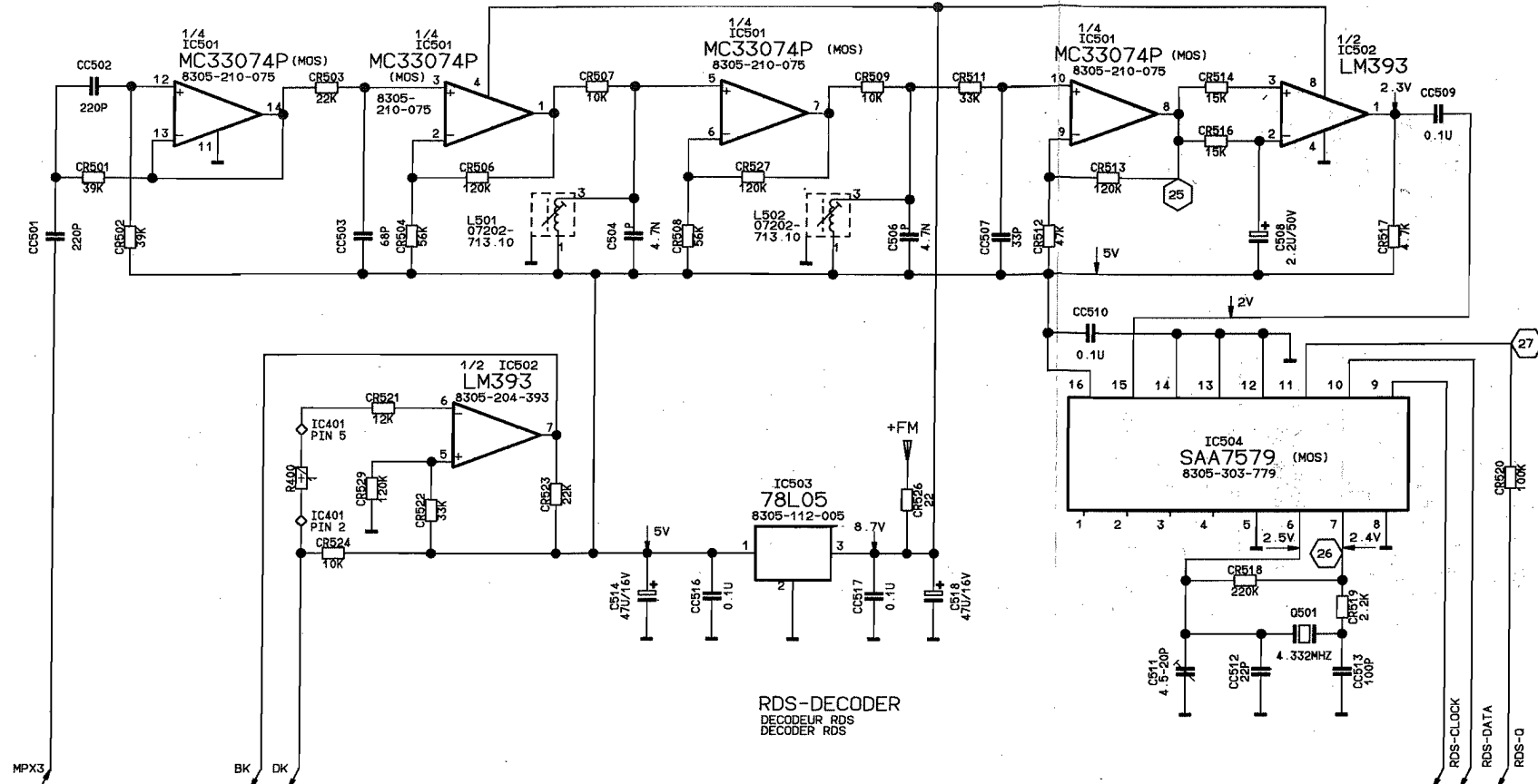
PROCESSOR-PLATTE  
 PROCESSOR BOARD  
 C.1. PROCESS  
 PIASTRA PROCESS.  
 PLACA PROCESS.  
 19372-149.00

MESSPUNKTE  
 MEASURING POINTS  
 ABGLEICHPUNKTE  
 ALIGNMENT POINTS

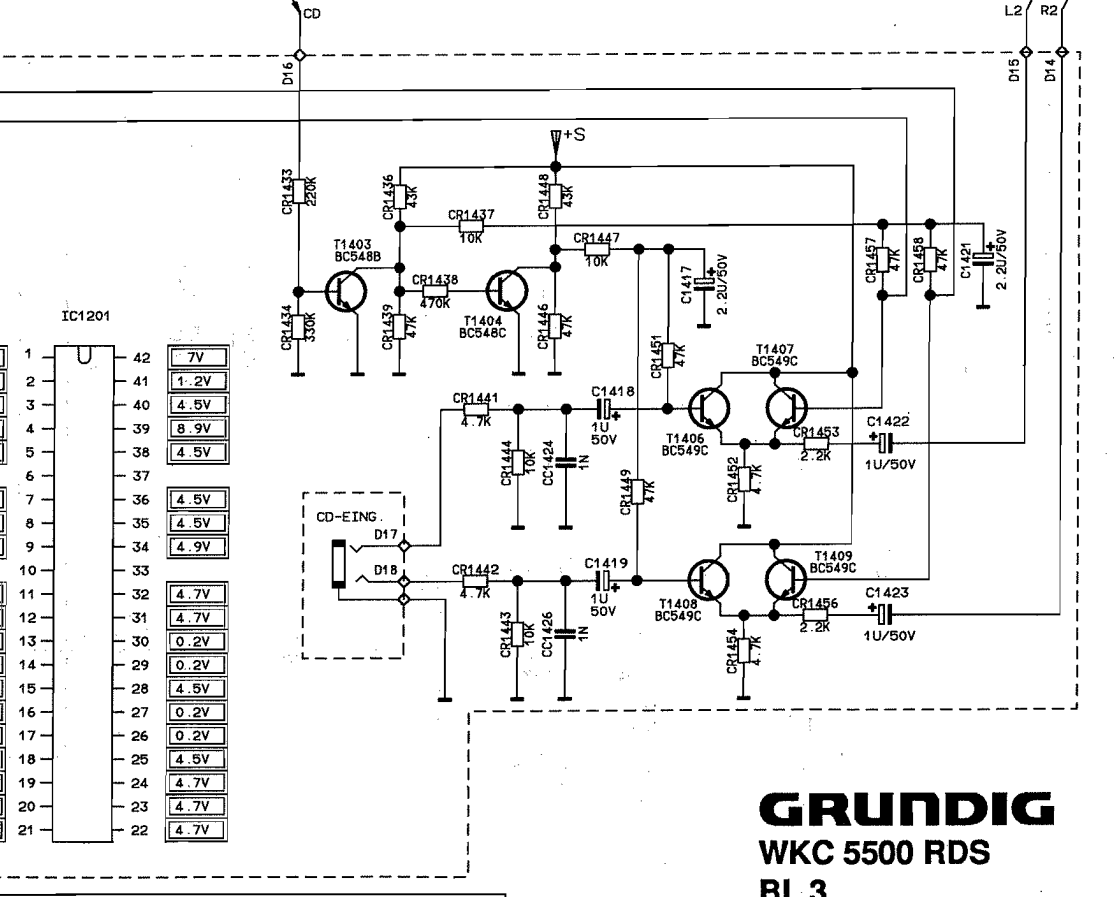
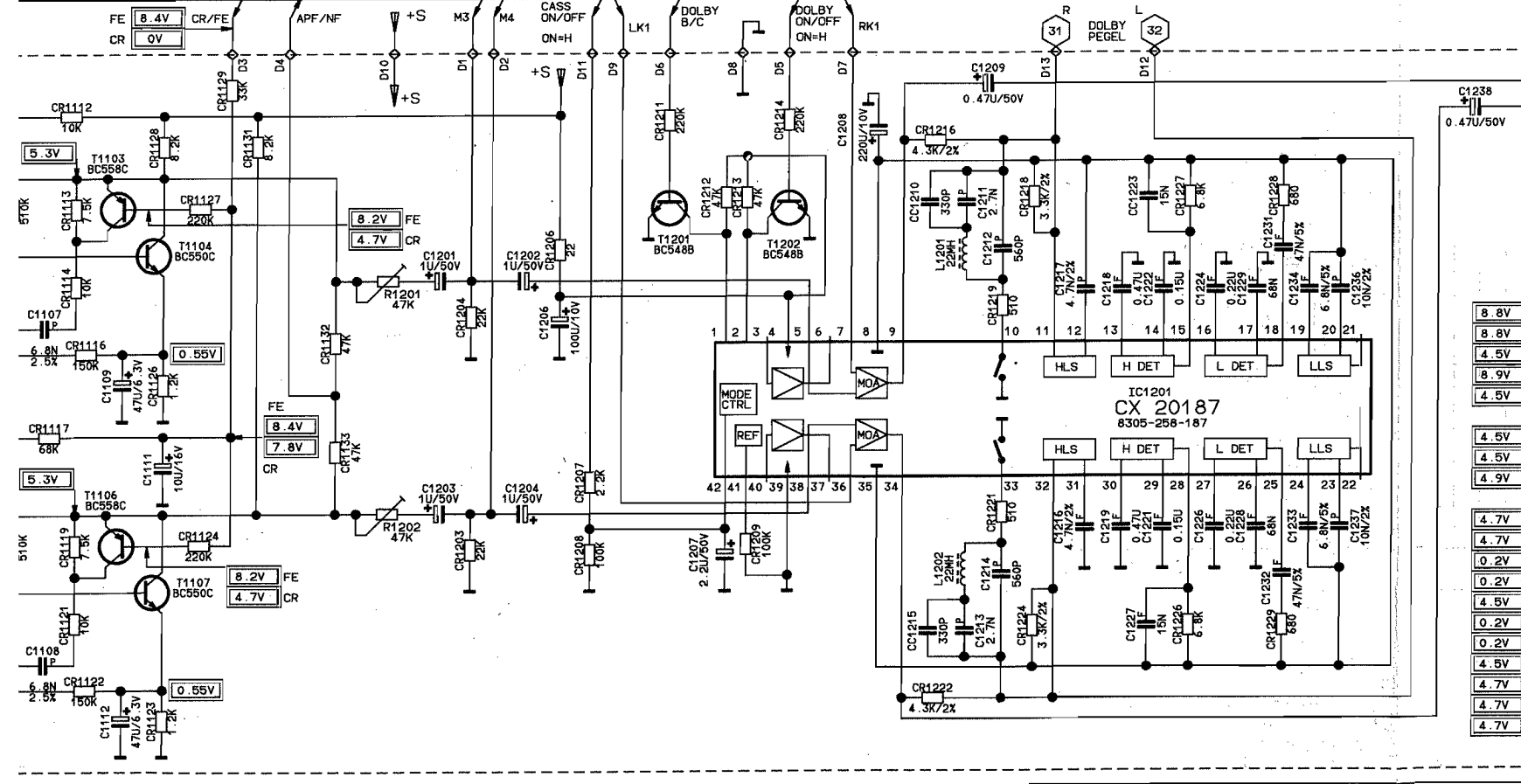
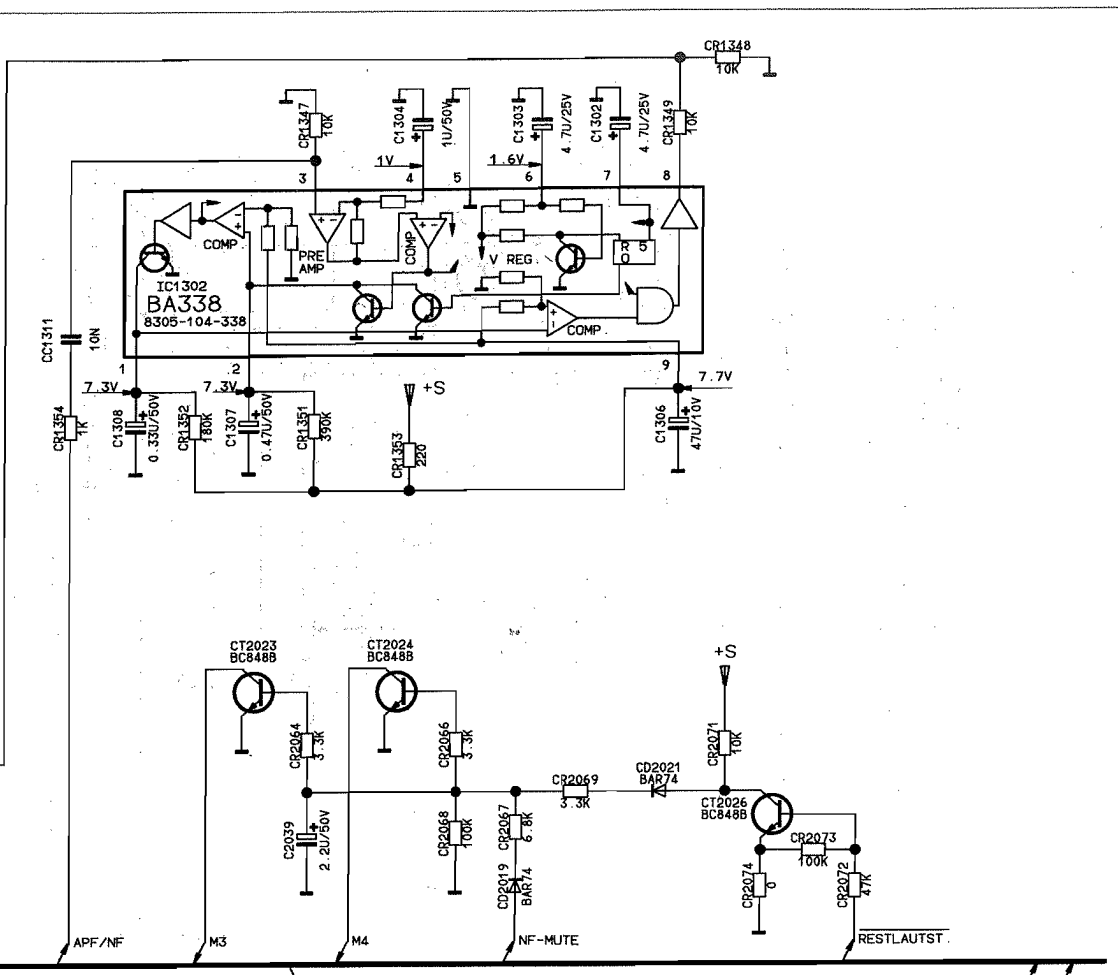
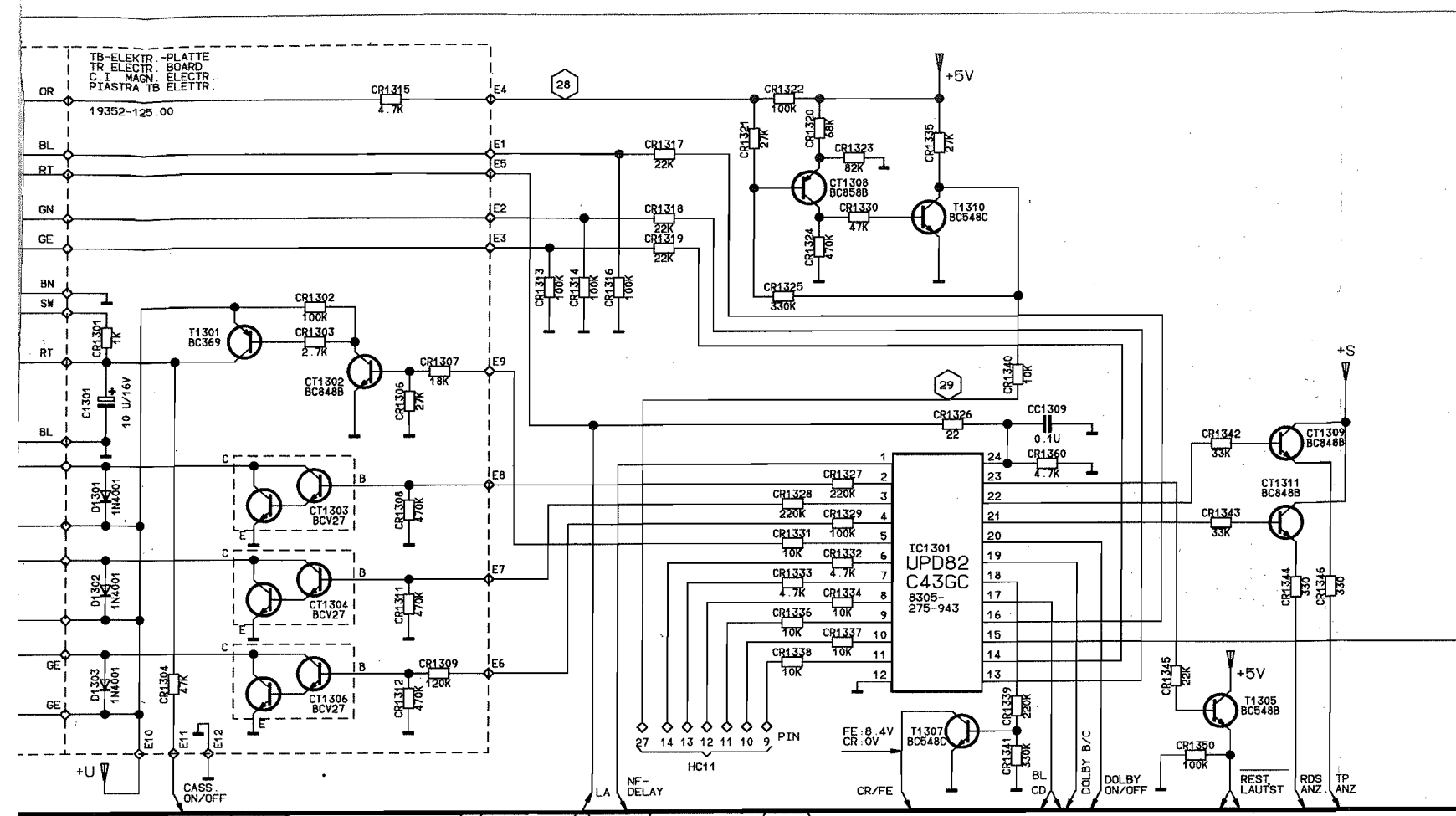




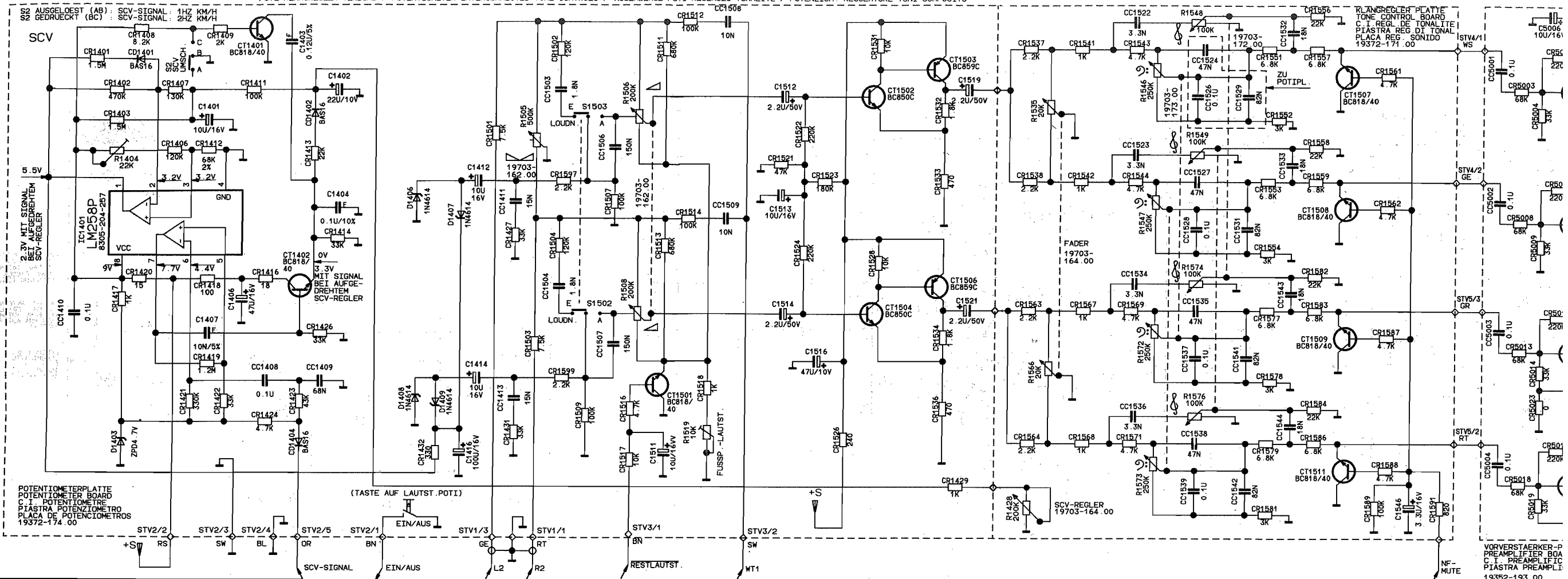
**GRUNDIG**  
 WKC 5500 RDS  
 BL.2



MESSPUNKTE  
 MEASURING POINTS  
 ABGLEICHPUNKTE  
 ALIGNMENT POINTS

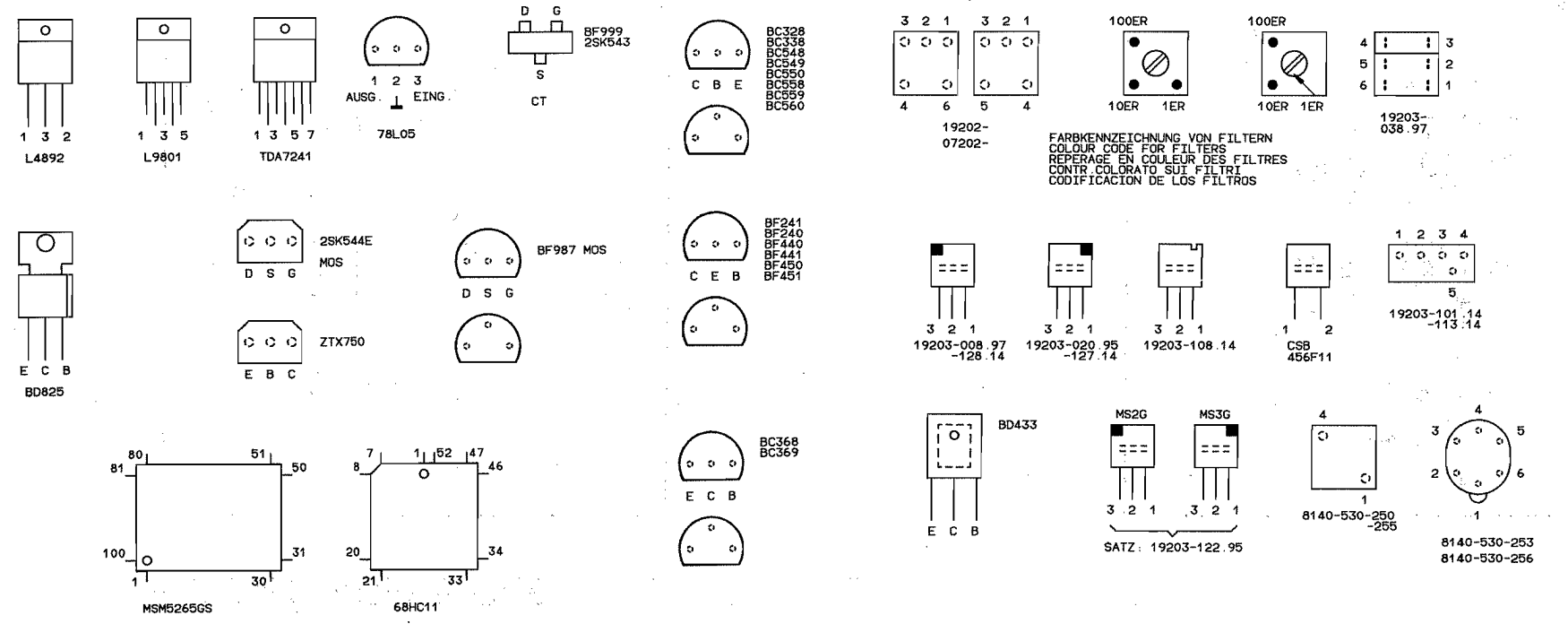


**GRUNDIG**  
WKC 5500 RDS  
BL.3

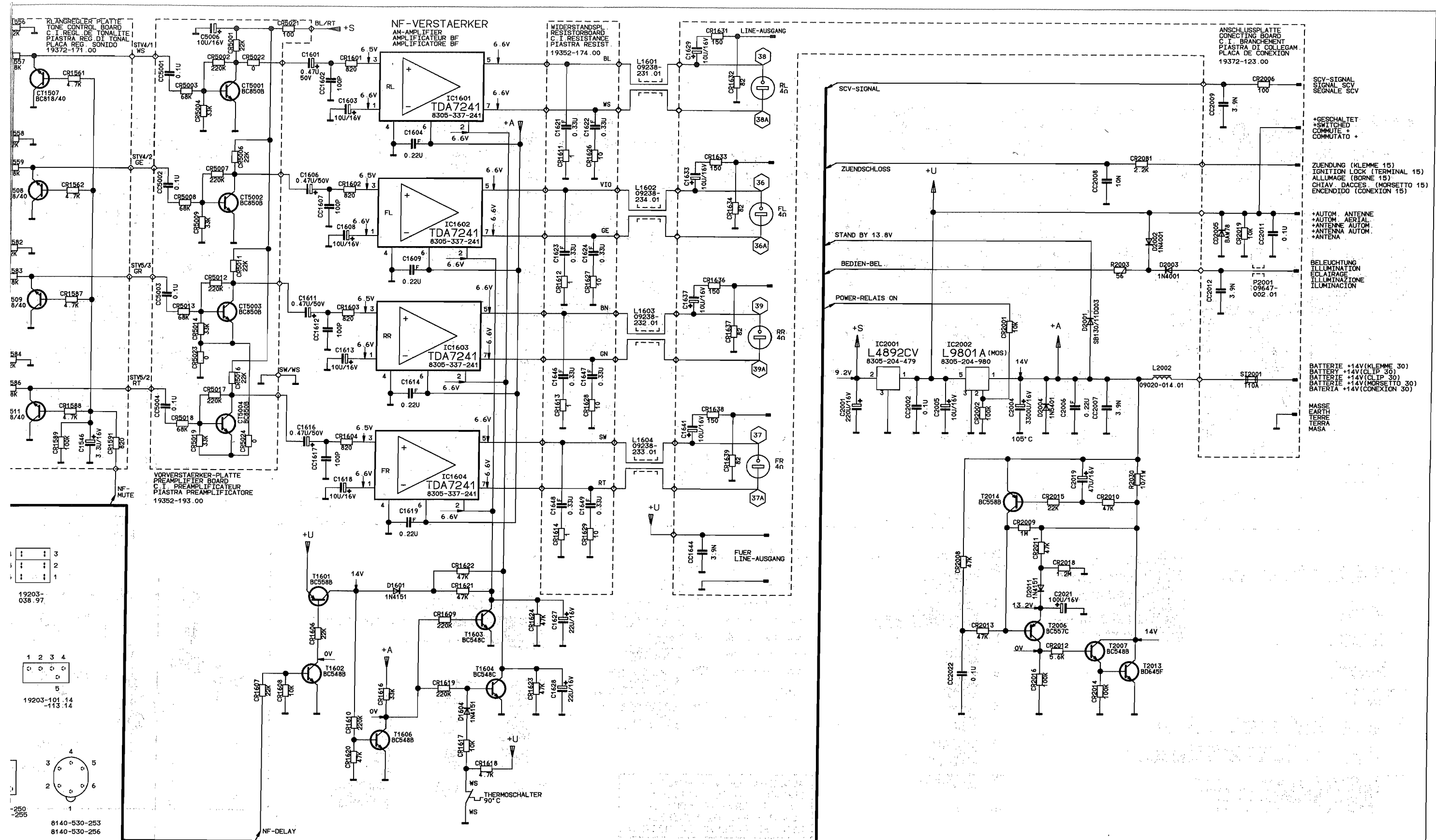


ALLE SPANNUNGEN GEMESSEN BEI UB=14V GEGEN MINUS  
 ALL VOLTAGES MEASURED AT UB=14V WITH RESPECT TO NEGATIV  
 TOUTES LES TENSIONS SONT MEASUREES POUR UB=14V AU MOINS  
 TUTTE LE TENSIONI MISURATE CON UB=14V VERSO IL NEGATIVO

- ← OHNE SIGNAL  
WITHOUT SIGNAL  
SANS SIGNAL  
SENZA SEGNALE
- OHNE SIGNAL .AM  
WITHOUT SIGNAL .AM  
SANS SIGNAL .AM  
SENZA SEGNALE .AM
- ⋯ OHNE SIGNAL .FM  
WITHOUT SIGNAL .FM  
SANS SIGNAL .FM  
SENZA SEGNALE .FM
- ▭ MIT SIGNAL .TB  
WITH SIGNAL .TR  
AVEC SIGNAL .ENR  
CON SEGNALE .REG
- ⋯ MIT SIGNAL : U (MONO) 94MHZ/1MV; F MOD=1KHZ; HUB 22.5KHZ  
WITH SIGNAL : U (MONO) 94MHZ/1MV; F MOD=1KHZ; DEVIATION 22.5 KHZ  
AVEC SIGNAL : U (MONO) 94MHZ/1MV; F MOD=1KHZ; EXCURSION 22.5 KHZ  
CON SEGNALE : U (MONO) 94MHZ/1MV; F MOD=1KHZ; DEVIATION 22.5 KHZ
- ▭ MIT SIGNAL : U (VF) MIT BEREICHSKENUNG UND SENDERKENNUNG  
WITH SIGNAL : U (TRAFFIC RADIO) WITH AREA AND TRAFFIC FLASH IDENTIFICATION  
AVEC SIGNAL : U (RADIOGUIDAGE) AVEC REPERAGE DE ZONE ET DE MESSAGE  
CON SEGNALE : U (VF) IDENTIFICAZIONE ZONA ED IDENTIFICAZIONE COMUNICATO
- ▭ MIT SIGNAL : U (VF)  
MIT BEREICHSKENUNG, SENDERKENNUNG UND DURCHSAGEKENNUNG  
WITH SIGNAL : U (TRAFFIC RADIO) WITH AREA AND TRAFFIC FLASH IDENTIFICATION  
AVEC SIGNAL : U (RADIOGUIDAGE) AVEC REPERAGE DE ZONE D'EMETTEUR ET DE MESSAGE  
CON SEGNALE : U (VF) IDENTIF. ZONA, IDENTIF. STAZIONE ED IDENTIF. COMUNICATO

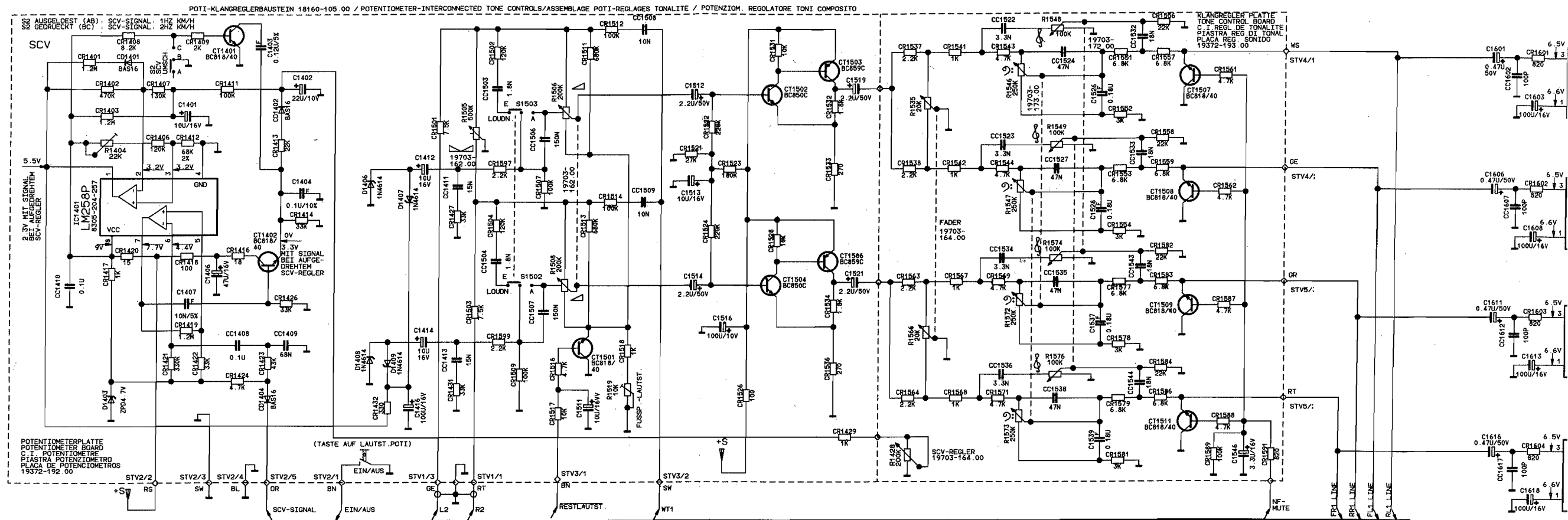


MESSPUNKTE  
MEASURING POINTS  
ABGLEICHPUNKTE  
ALIGNMENT POINTS



**GRUNDIG**  
**WKC 550 RDS**  
**BL.4 / 1**

Endstufen ohne Lineverstärker



ALLE SPANNUNGEN GEMESSEN BEI UB=14V GEGEN MINUS  
 ALL VOLTAGES MEASURED AT UB=14V WITH RESPECT TO NEGATIV  
 TOUTES LES TENSIONS SONT MESUREES POUR UB=14V AU MOINS  
 TUTTE LE TENSIONI MISURATE CON UB=14V VERSO IL NEGATIVO

OHNE SIGNAL WITHOUT SIGNAL SANS SIGNAL SENZA SEGNALE

OHNE SIGNAL AM WITHOUT SIGNAL AM SANS SIGNAL AM SENZA SEGNALE AM

OHNE SIGNAL FM WITHOUT SIGNAL FM SANS SIGNAL FM SENZA SEGNALE FM

MIT SIGNAL TB WITH SIGNAL TB AVEC SIGNAL TB CON SEGNALE TB

MIT SIGNAL U (MONO) 94MHZ/1MV, F MOD=1KHZ, HUB 22.5KHZ  
 WITH SIGNAL U (MONO) 94MHZ/1MV, F MOD=1KHZ, DEVIATION 22.5 KHZ  
 AVEC SIGNAL U (MONO) 94MHZ/1MV, F MOD=1KHZ, EXCURSION 22.5 KHZ  
 CON SEGNALE U (MONO) 94MHZ/1MV, F MOD=1KHZ, DEVIATIONE 22.5 KHZ

MIT SIGNAL U (VF) MIT BEREICHSKENNUNG UND SENDEKENNUNG  
 WITH SIGNAL U (TRAFFIC RADIO) WITH AREA AND TRAFFIC FLASH IDENTIFICATION  
 AVEC SIGNAL U (RADIOGUIDAGE) AVEC REPERAGE DE ZONE ET DE MESSAGE  
 CON SEGNALE U (VF) IDENTIFICAZIONE ZONA ED IDENTIFICAZIONE COMUNICATO

MIT SIGNAL U (VF) MIT BEREICHSKENNUNG, SENDEKENNUNG UND DURCHSAGEKENNUNG  
 WITH AREA, STATION AND TRAFFIC FLASH IDENTIFICATION  
 AVEC SIGNAL U (RADIOGUIDAGE)  
 AVEC REPERAGE DE ZONE D'EMETTEUR ET DE MESSAGE  
 CON SEGNALE U (VF) IDENTIF. ZONA, IDENTIF. STAZIONE ED IDENTIF. COMUNICATO

**ACHTUNG!**  
 VORSCHRIFTEN BEIM UMGANG MIT MOS-BAUTEILEN BEACHTEN!  
 ATTENTION!  
 OBSERVE MOS COMPONENTS HANDLING INSTRUCTIONS WHEN SERVICING!  
 ATTENZIONE!  
 LORS DE LA MANIPULATION DES CIRCUITS MOS, RESPECTER LES PRESCRIPTIONS MOS!  
 ATTENZIONE!  
 OSSERVARE LE RELATIVE PRESCRIZIONI DURANTE I LAVORI CON COMPONENTI MOS!  
 ATENCION!  
 RESPETAR EL TRATAMIENTO DE COMPONENTS MOS

**KONDENSATOR/CAPACITOR  
 CONDENSATEUR/CONDENSATORE/CONDENSADOR**

- ELKO ELECTROLYTIC ELECTROLYTIQUE ELETROLITICO
- TANTAL ELKO TANTALUM ELECTROLYTIC ELECTROLYTIQUE AU TANTALE ELETROLITICO AL TANTALO
- FOLIE FOIL A FEUILLE A FOGLIA DELAMINA
- KERAMIK CERAMIC CERAMIQUE A CERAMICA CERAMICO
- GLIMMER MICA AU MICA A MICA DE MICA
- VIELSCHICHT MULTILAYER A COUCHES MULTIPLES A PIU' STRATI MULTICAPA
- POLYPROPYLEN DE POLIPROPILENO (KS-KP)
- BIPOLAR

**WIDERSTAND/RESISTOR  
 RESISTANCE/RESISTENZA/RESISTENCIA**

- KSW 0204 DIN
- MSW 0204 DIN
- KSW 0207 DIN
- MSW 0207 DIN
- KSW 0309 DIN
- KSW 0411 DIN
- KSW 0617 DIN
- MSW 0309 DIN
- NTC
- MSW 0414 DIN
- DRAHT WIRE BOBINE A FILO BOBINADA
- METALLOXYDSCHICHT METAL OXIDE A OXYDE METALLIQUE AD OSSIDO METALLICO DE CAPA DE OXIDO METALICO
- RAUSCHARM LOW NOISE A SOUFFLE REDUIT A BASSO RUIDO DE BASSO RUIDO
- SCHWER ENTFLAMMBAR LOW FLAMMABILITY PEU INFLAMMABLE A BASSA INFLAMMABILITA DIFICILMENTE INFLAMMABLE
- SICHERUNGSWIDERSTAND SAFETY RESISTOR FUSIBLE DI SICUREZZA RESISTENCIA FUSIBLE

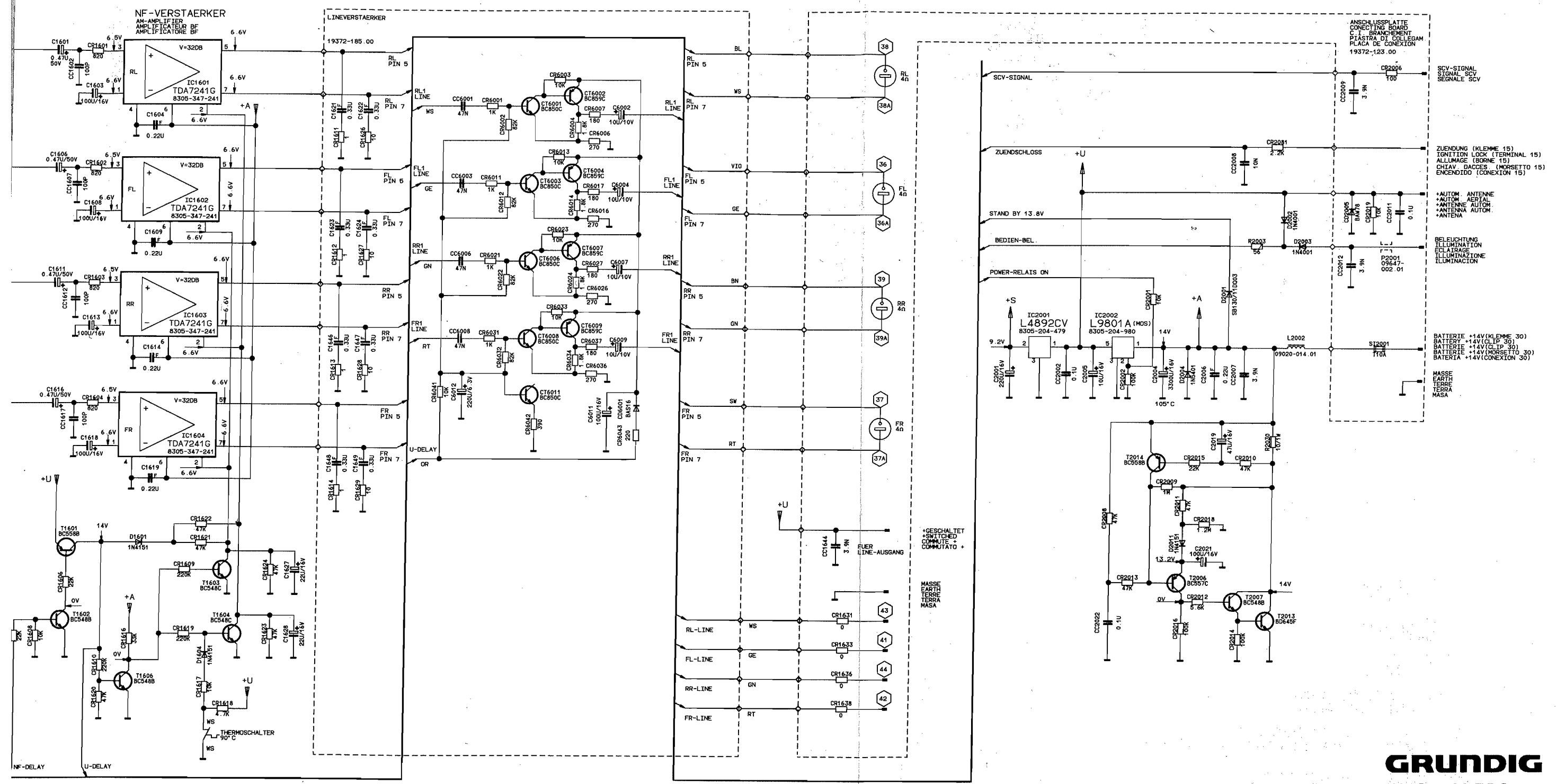
**KENNZEICHNUNG VON CHIP-BAUTEILEN:  
 CODING OF CHIP-COMPONENTS  
 MARQUAGE DES COMPOSANTS CHIPS  
 CONTRASSEGNO DI COMPONENTI CHIP:**

CC=CHIP-KONDENSATOR/-CAPAZITOR/-CONDENSATEUR/-CONDENSATORE  
 CR=CHIP-WIDERSTAND/-RESISTOR/-RESISTENZA/-RESISTENCIA  
 CD=CHIP-DIODE  
 CT=CHIP-TRANSISTOR  
 CL=CHIP-SPULE/-COIL/-BOBINE/-BOBINA  
 CR/0=JUMPER

SW= SCHWARZ BLACK NOIR NERO NEGRO	BN= BRAUN BROWN BRUN MARRONE MARRON	RT= ROT RED ROUGE ROSSO ROJO
GE= GELB YELLOW JAUNE GIALLO AMARILLO	GN= GRUEN GREEN VERT VERDE	BL= BLAU BLUE BLEU BLU AZUL
VI= VIOLETT VIOLET VIOLETT VIOLETA	GR= GRAU GREY GRIS GRIGIO	WS= WEISS WHITE BLANC BIANCO BLANCO
RS= ROSA PINK ROSE	OR= ORANGE ARANCIONE NARANJA	NF= NATURFARBEN NATURAL COLOUR COULEUR NATURELLE COLORI NATURALI COLOR NATURAL

AENDERUNGEN VORBEHALTEN  
 SUBJECT TO ALTERATION  
 SOUS RESERVE DE MODIFIC.  
 CON RISERVA DI MODIFICA  
 RES. EL DERECHO DE MODIFIC.

MESSPUNKTE  
 MEASURING POINTS  
 ABGLEICHPUNKTE  
 ALIGNMENT POINTS



36 37 38 39 36A 37A 38A 39A 41 42 43 44

**GRUNDIG**  
**WKC 5500 RDS**  
**BL.4 / 2**

Endstufen mit Lineverstärker

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Änderungen vorbehalten  
 Subject to alteration  
 Sous réserve de modifications ultérieures  
 Con riserva di modifiche  
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