

GRUNDIG SERVICE MANUAL



SC 804 B (Voll - RDS)

Ⓓ Btx * 32700 #

WKC 4870 RDS A



Ⓓ

Ⓓ

Bei Eingriffen Schutzmaßnahmen für MOS-Bausteine beachten!

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

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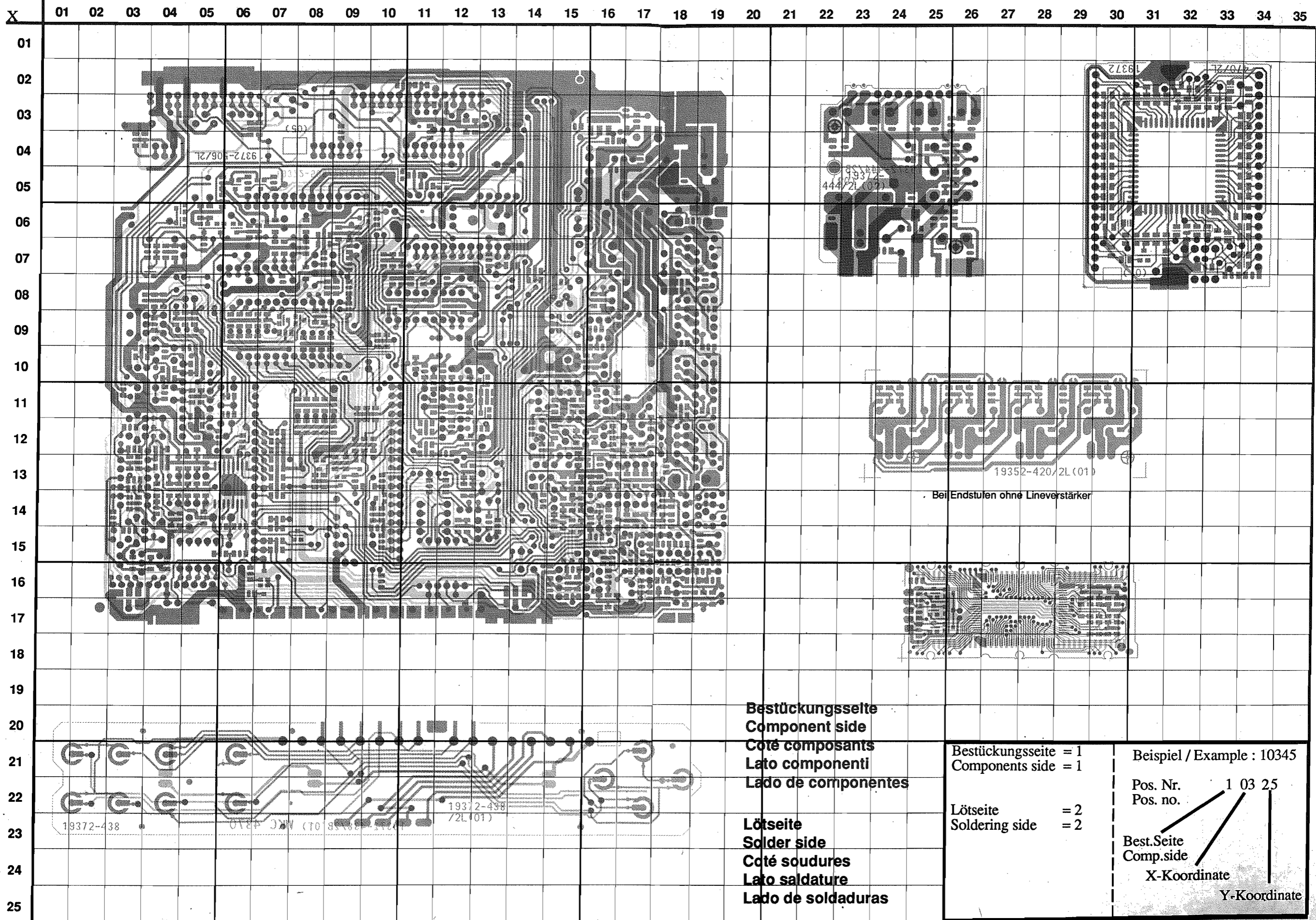
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WKC 4870 RDS A - Scanning

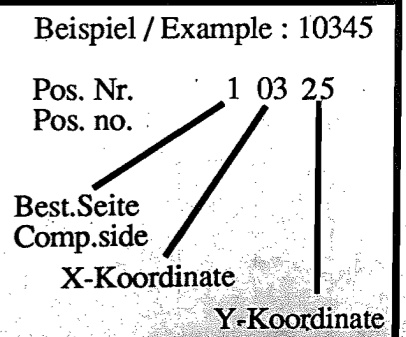


Bestückungsseite
Component side
Côté composants
Lato componenti
Lado de componentes

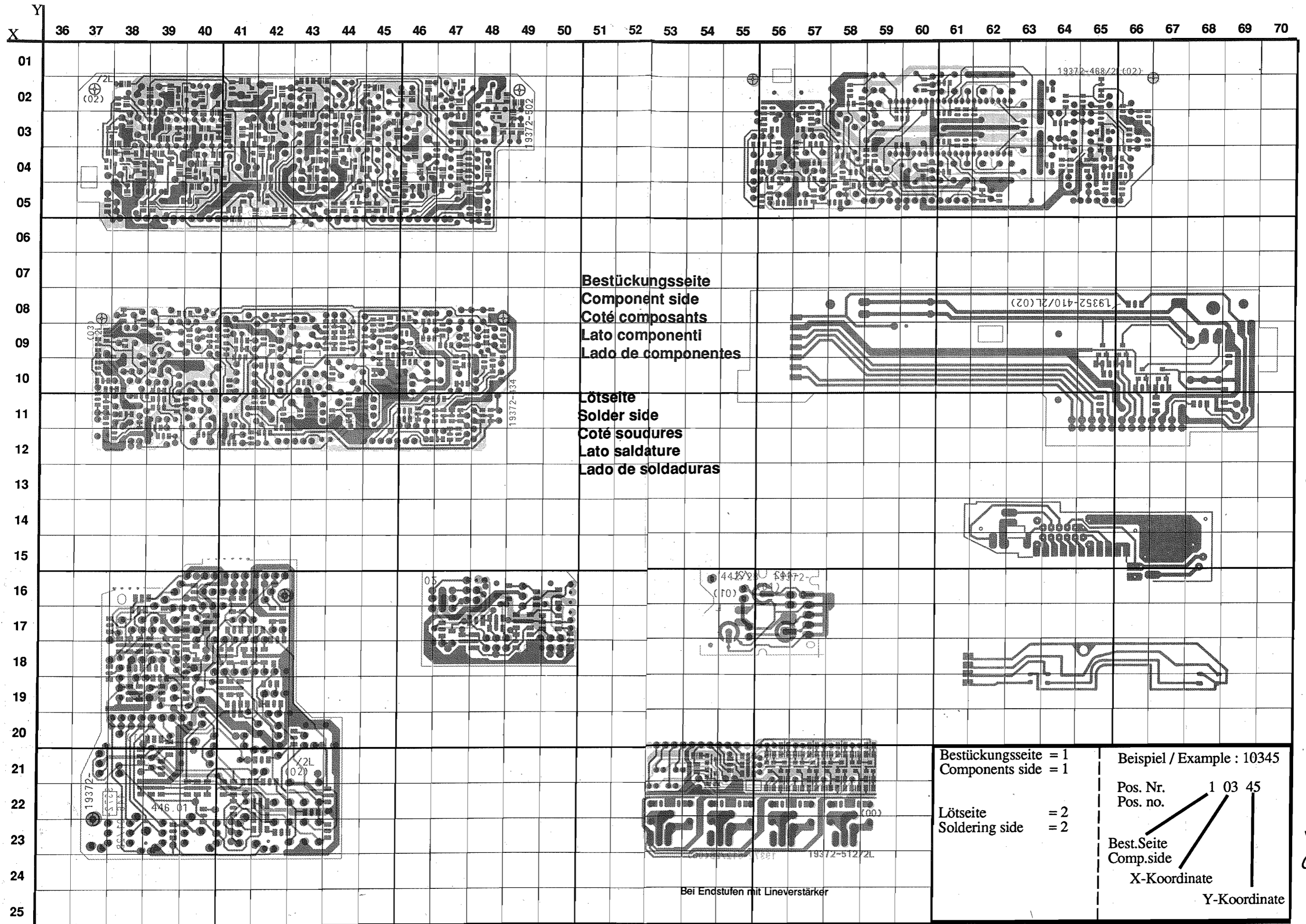
Lötseite
Solder side
Côté soudures
Lato saldature
Lado de soldaduras

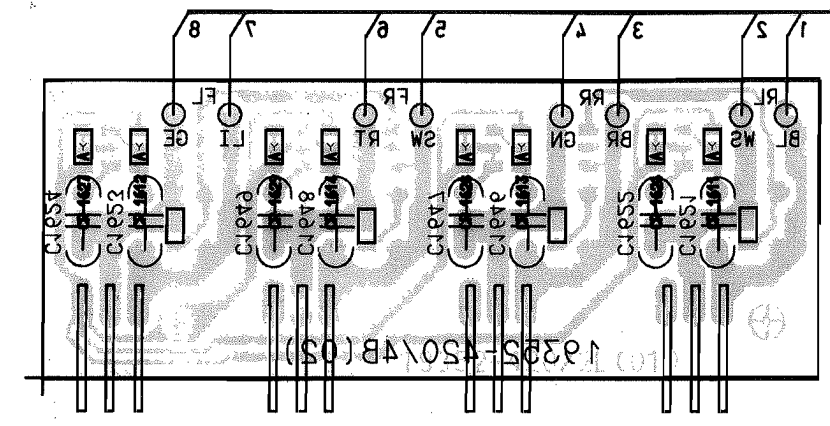
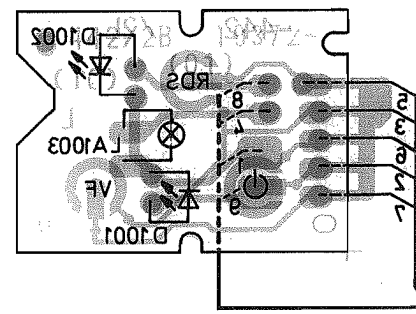
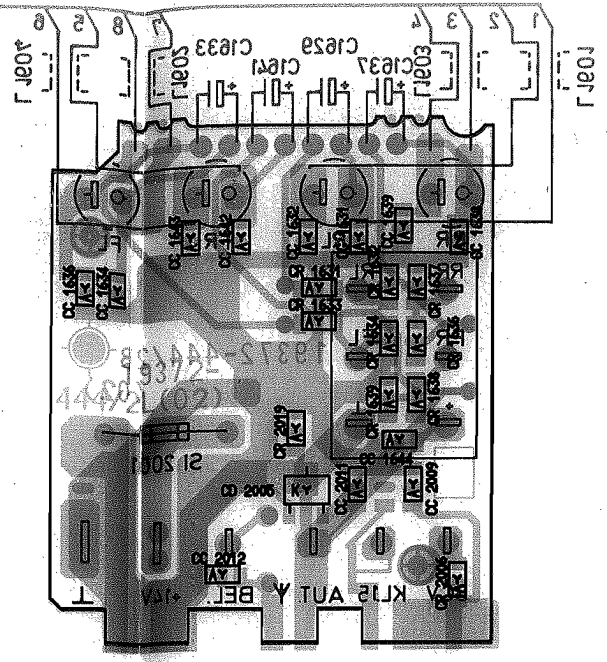
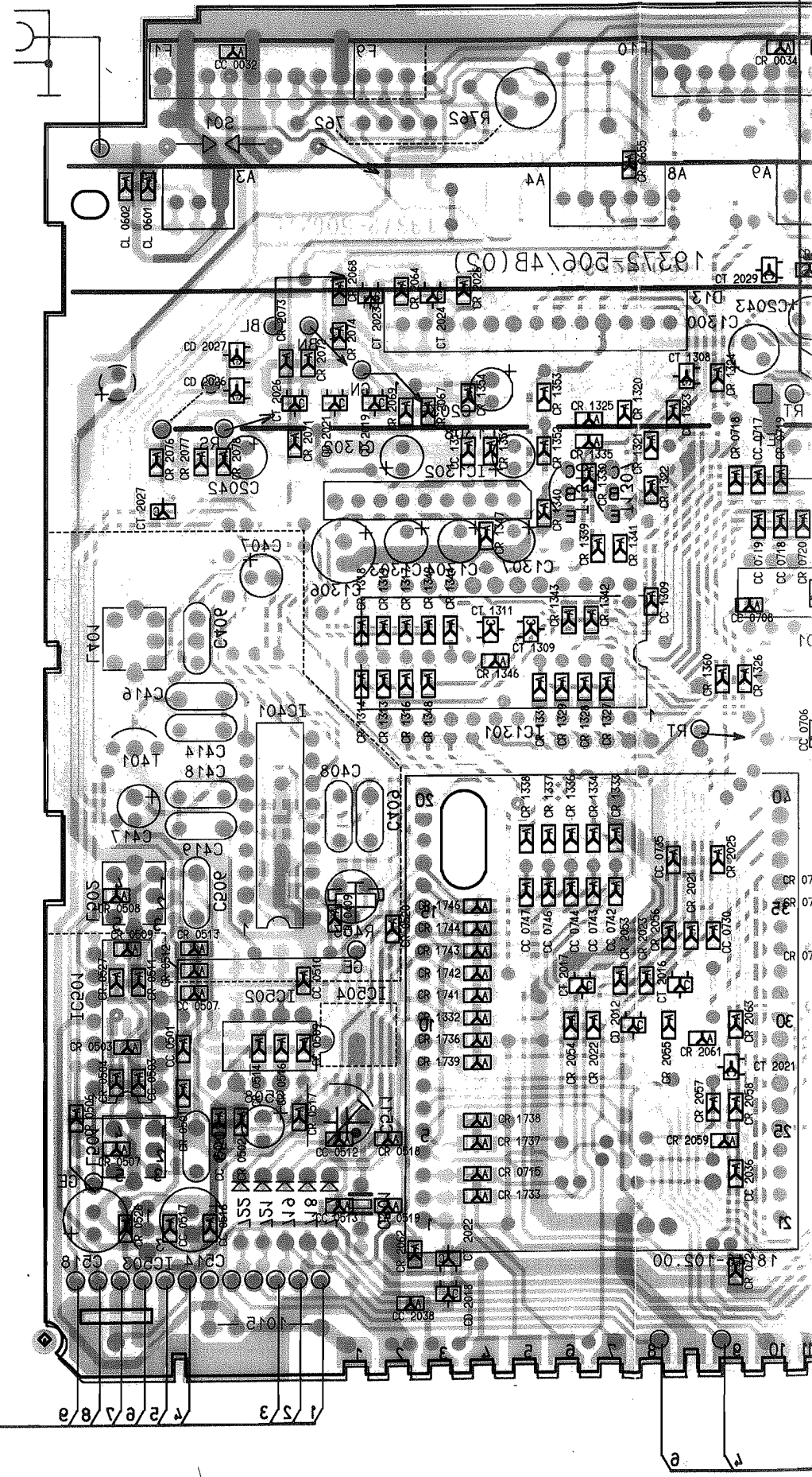
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 Components side = 1

 Lötseite = 2
 Soldering side = 2

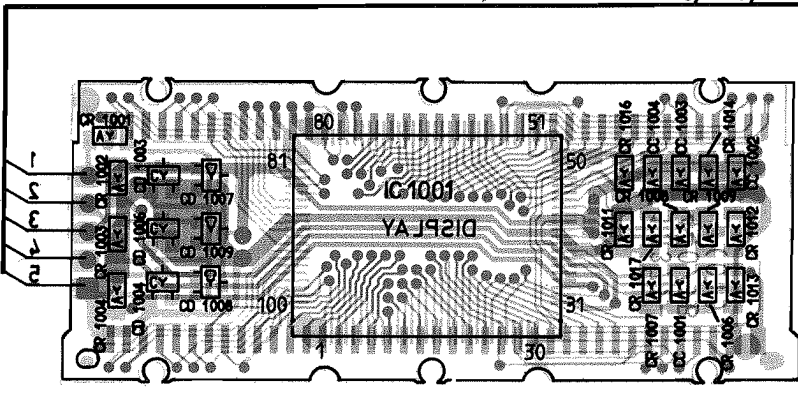
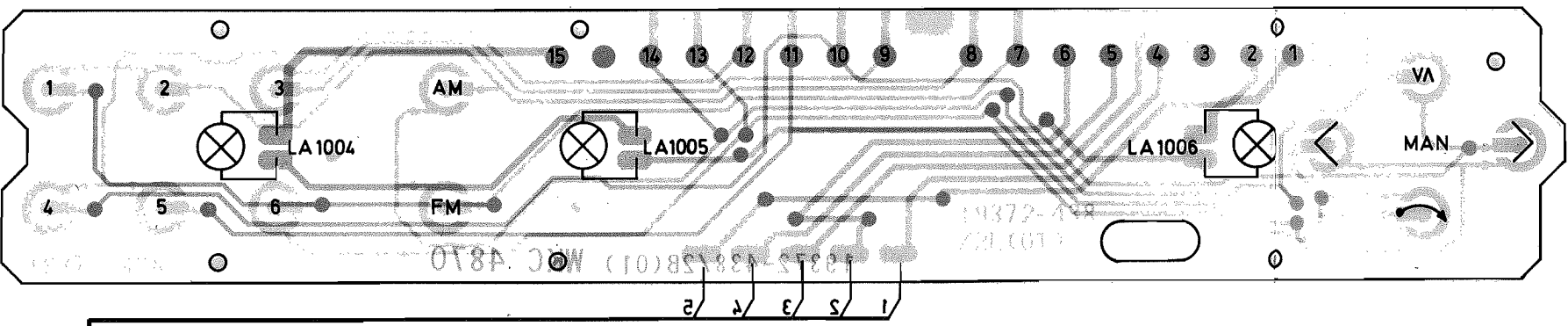


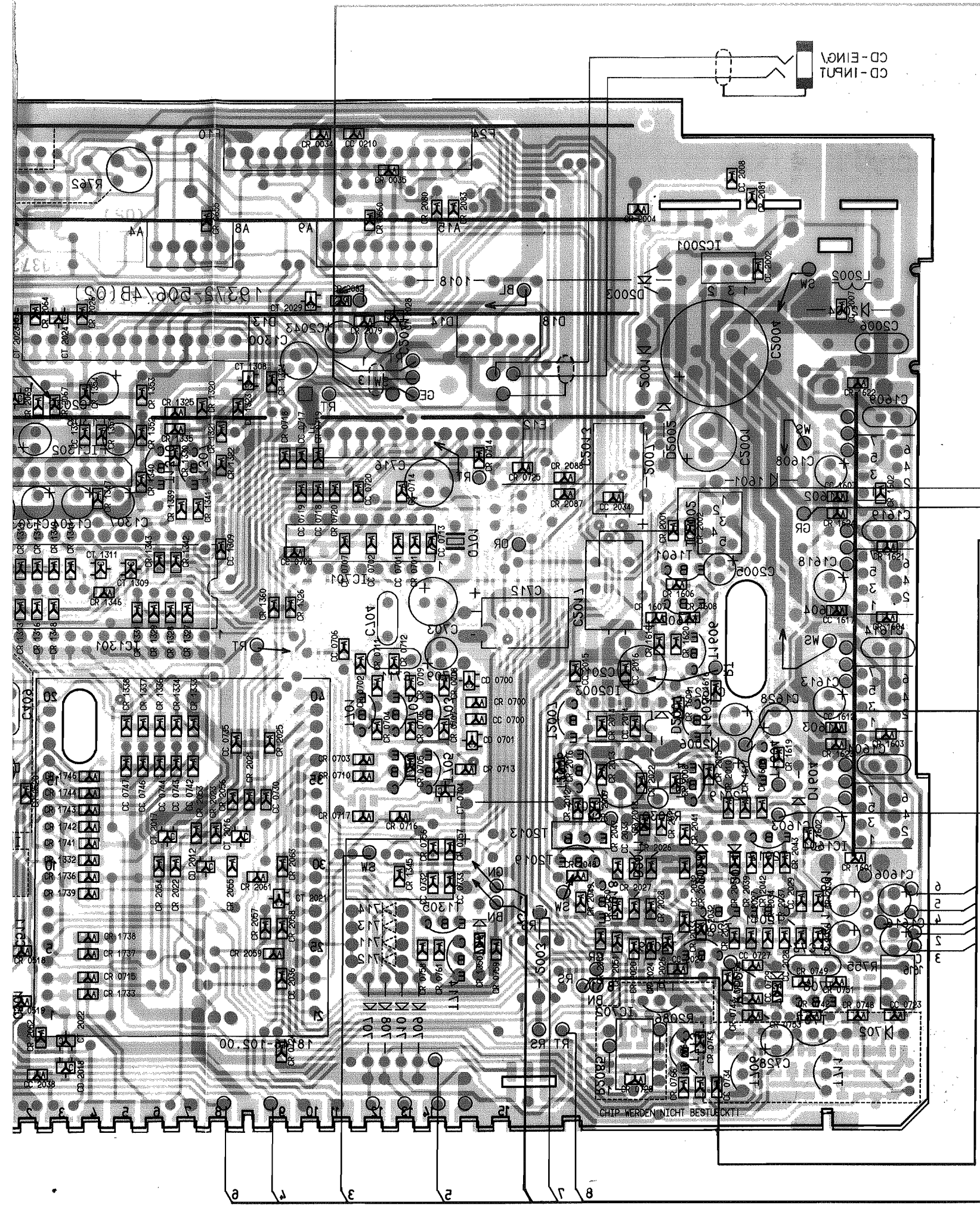
WKC 4870 RDS A - Scanning





Bei Endstufen ohne Linienverstärker

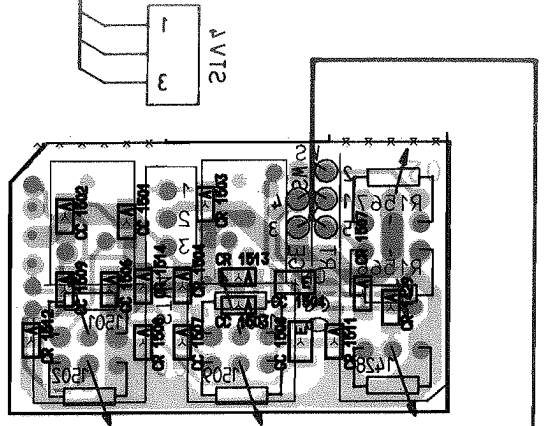
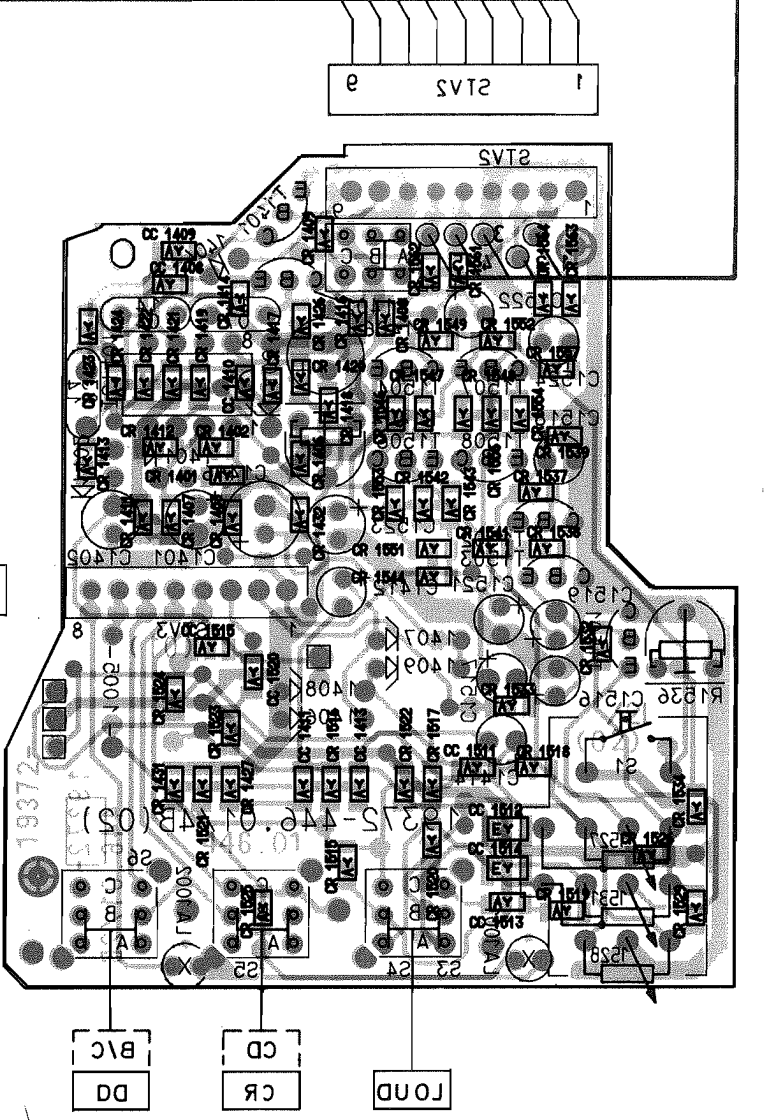
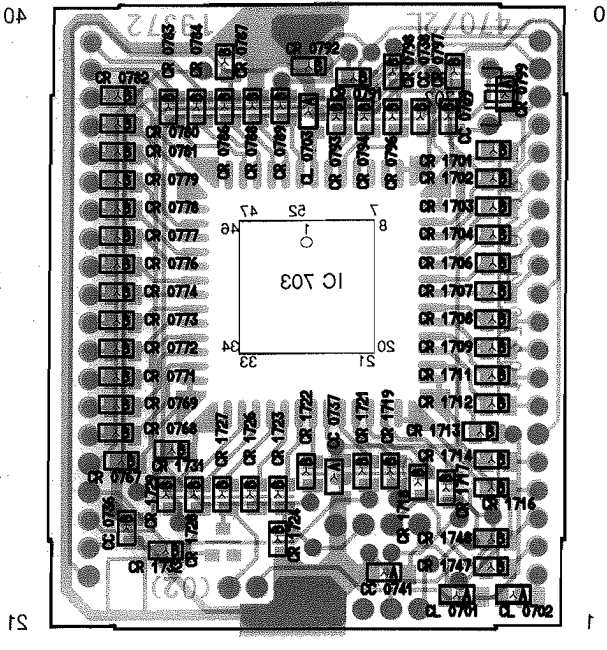




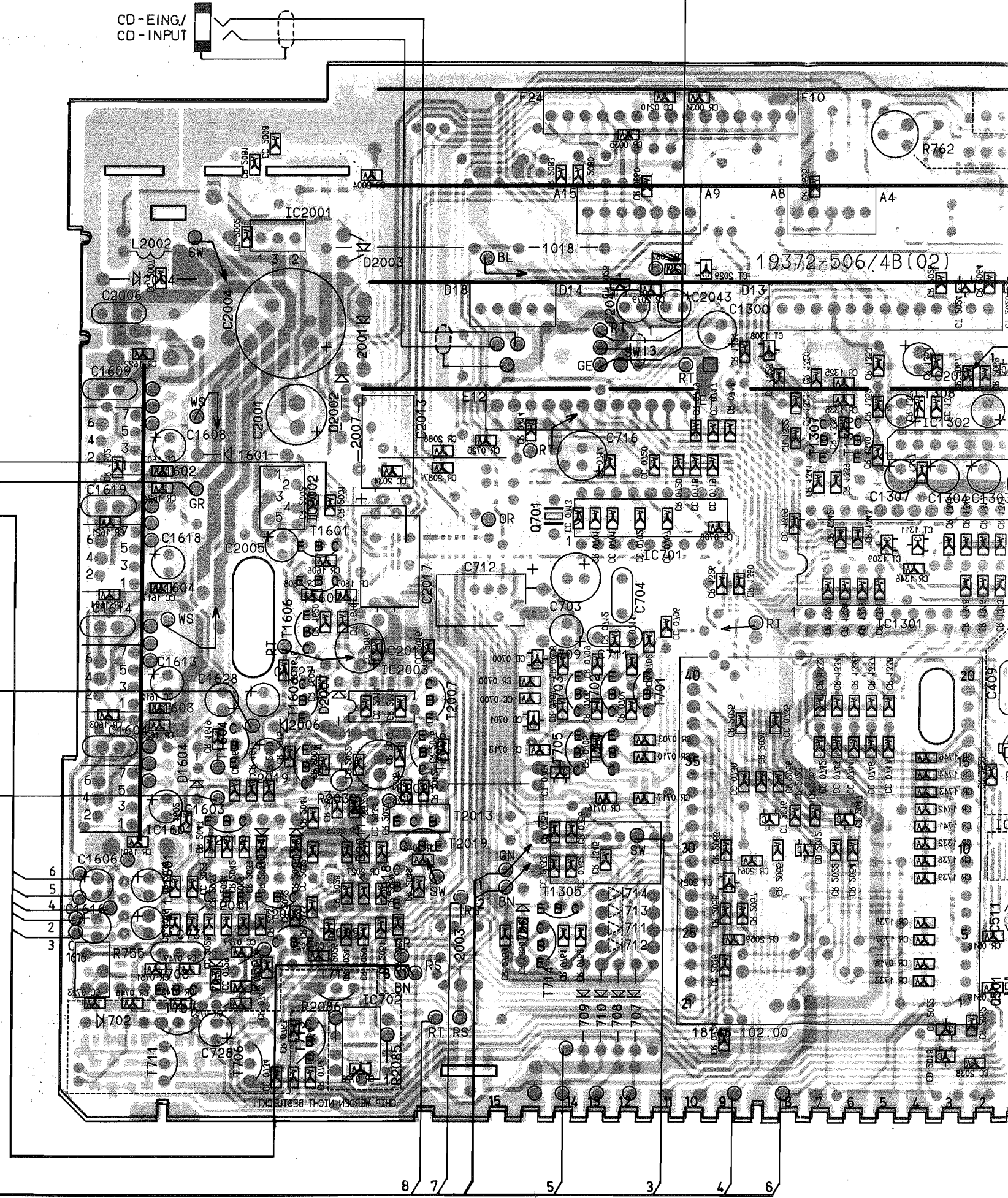
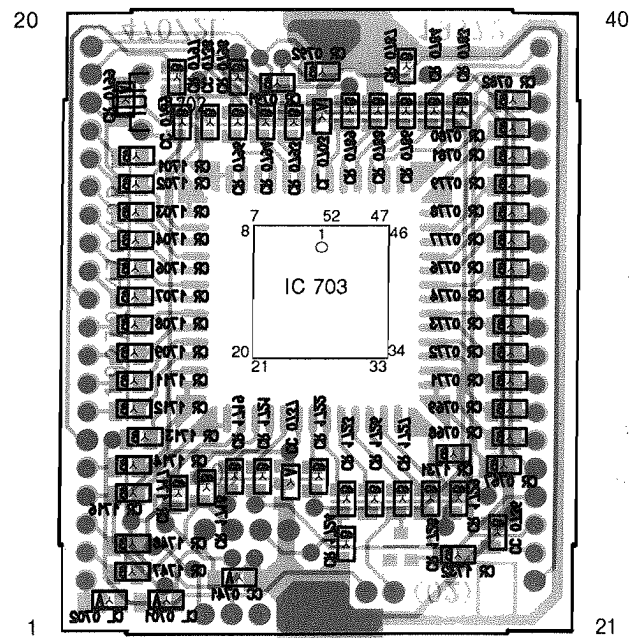
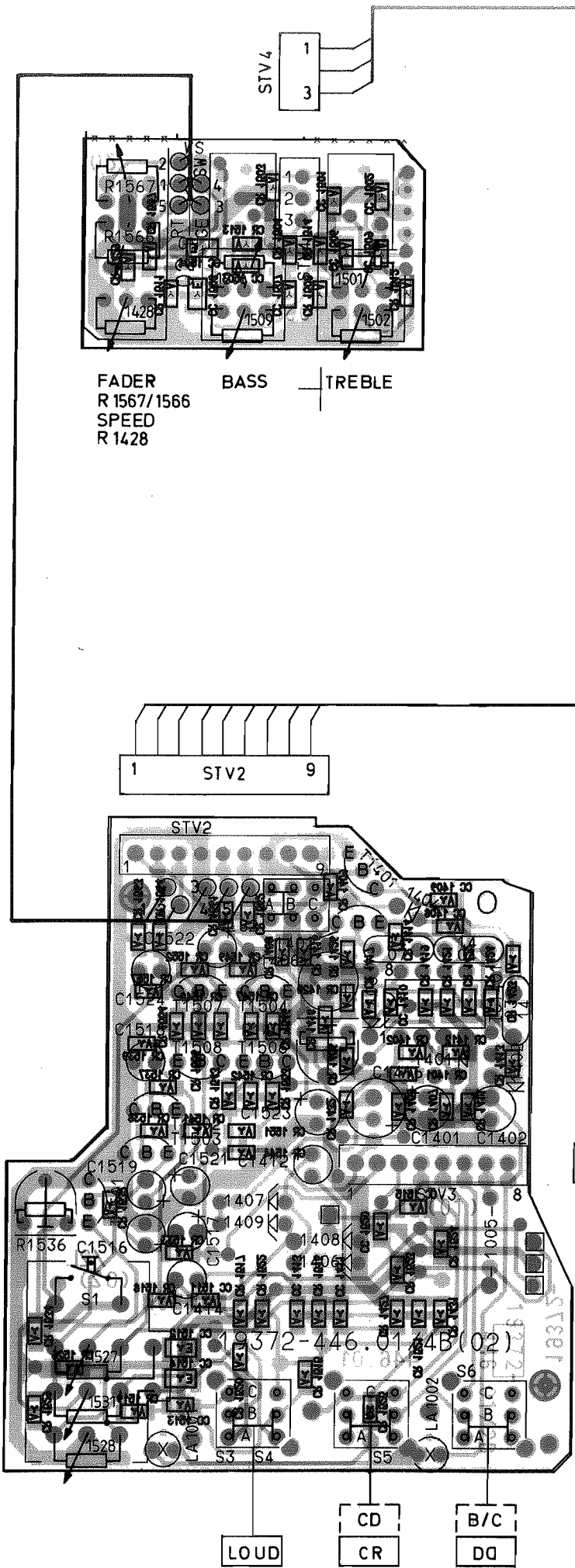
Lötseite
 Solder side
 Côté soudures
 Lato saldature
 Lado de soldaduras

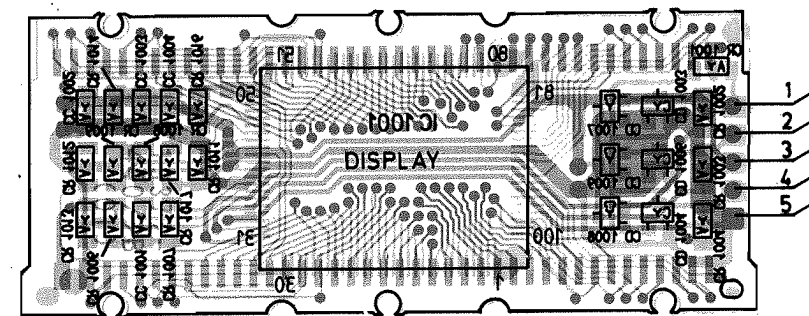
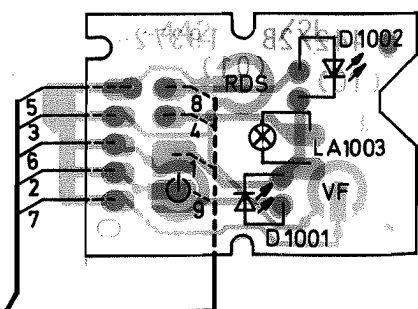
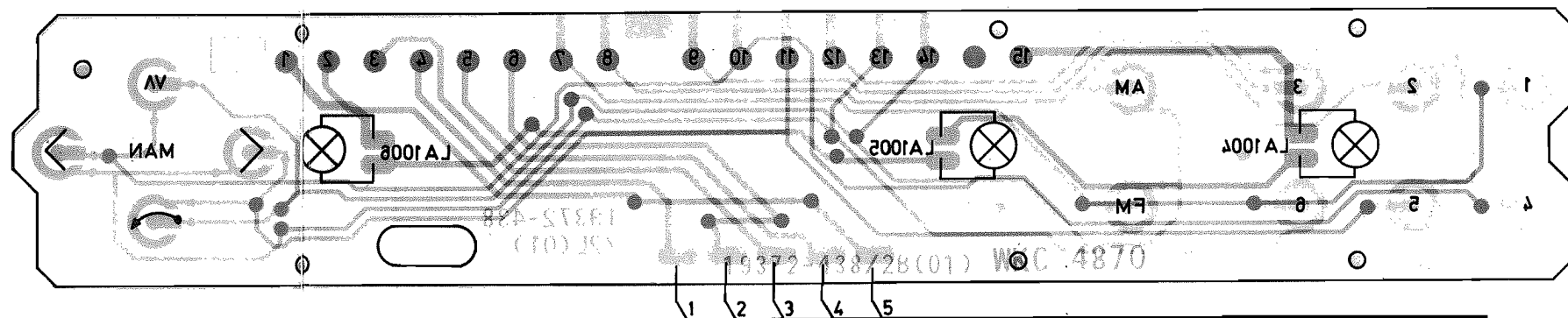
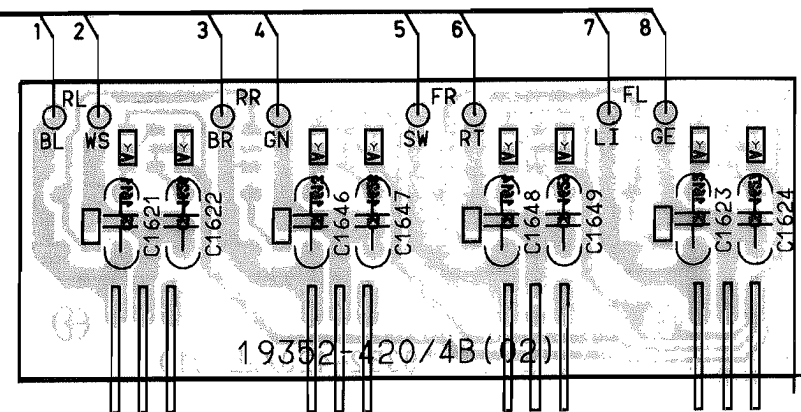
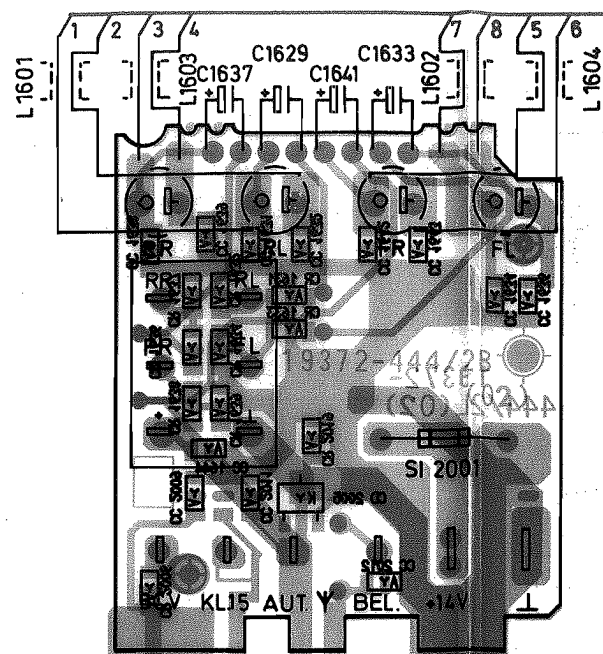
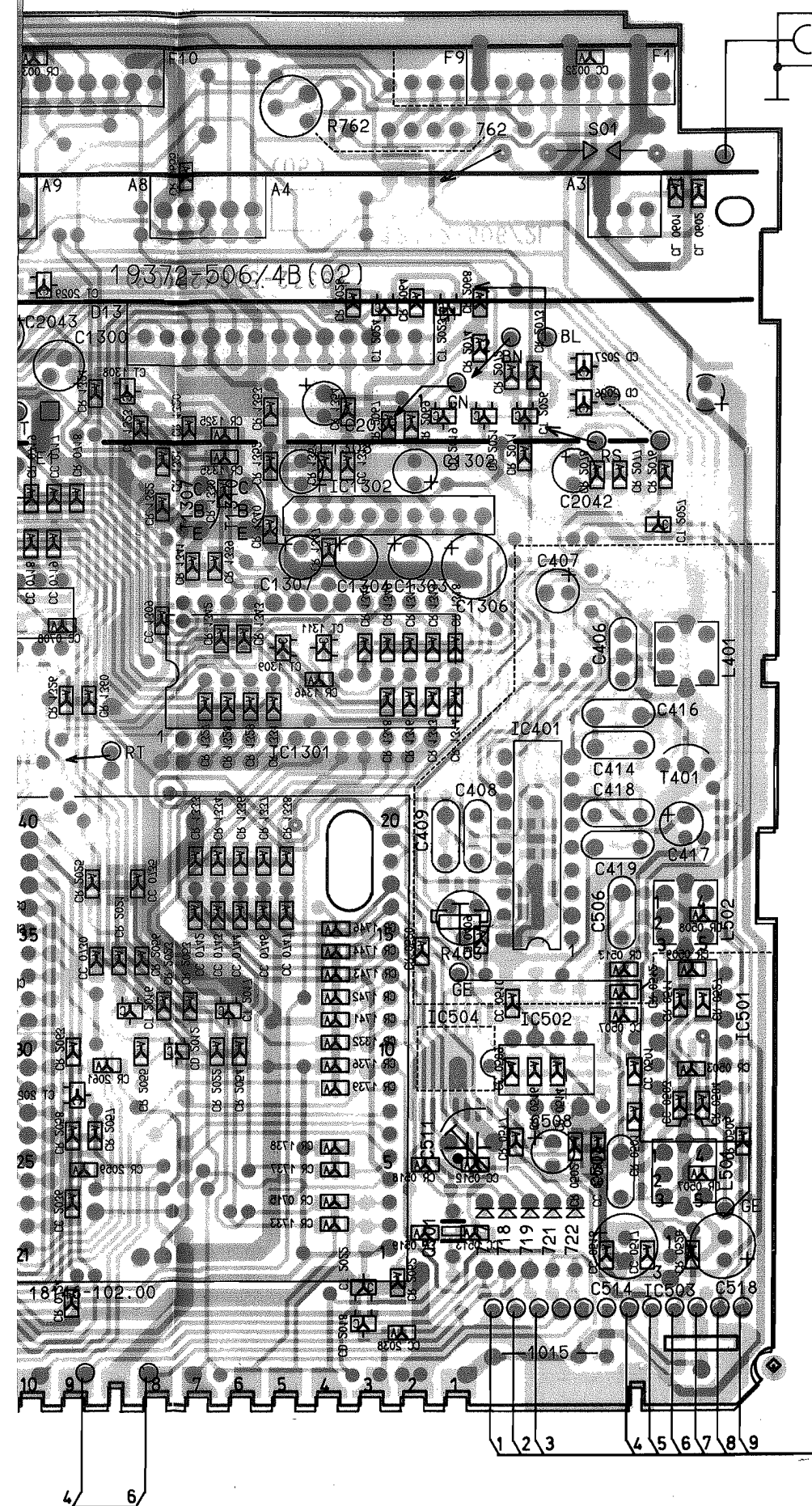
Thermo-
 Schalter
 Temperature
 Switch

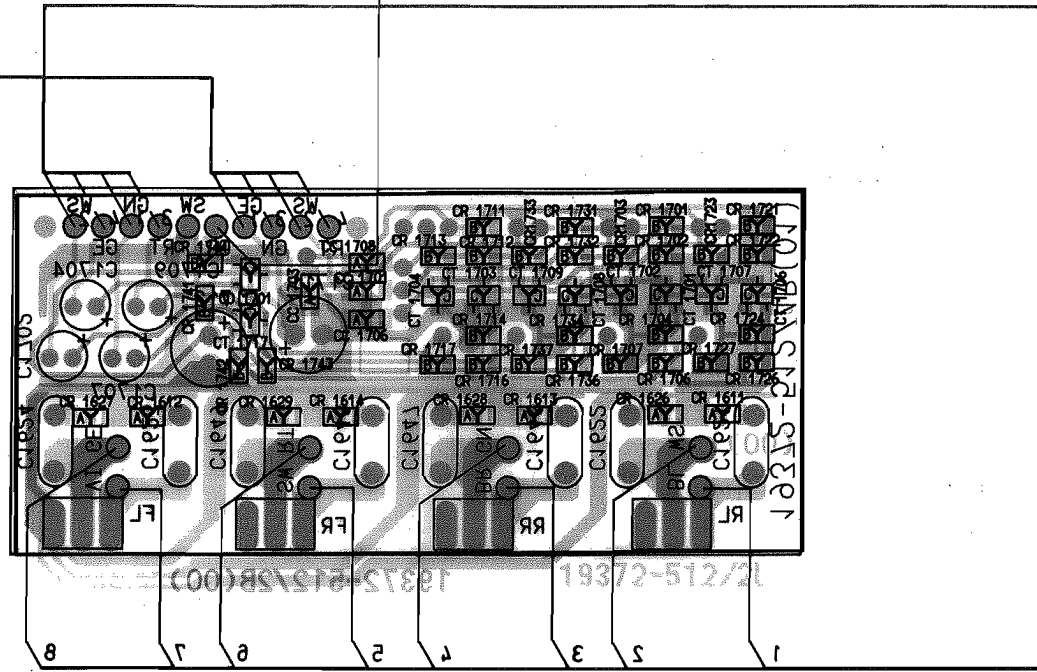
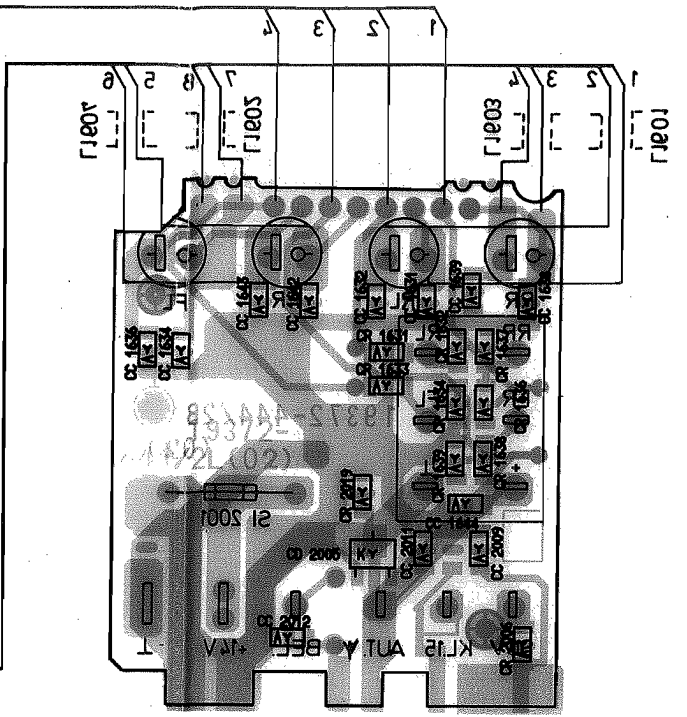
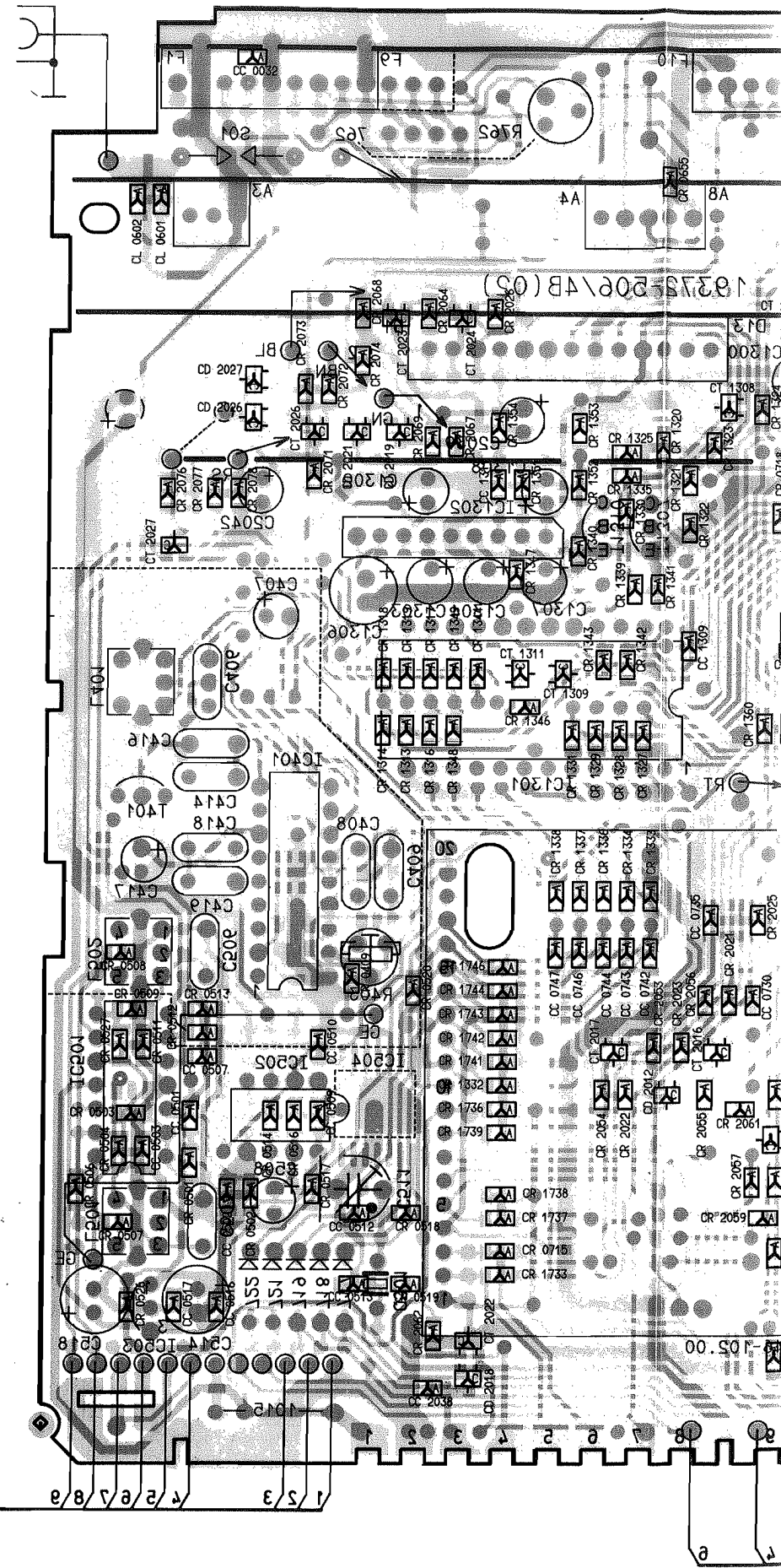
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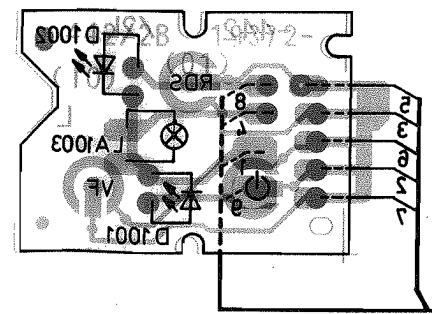
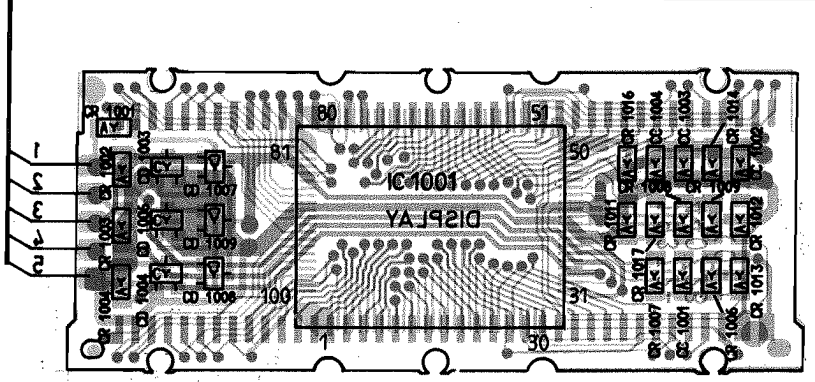
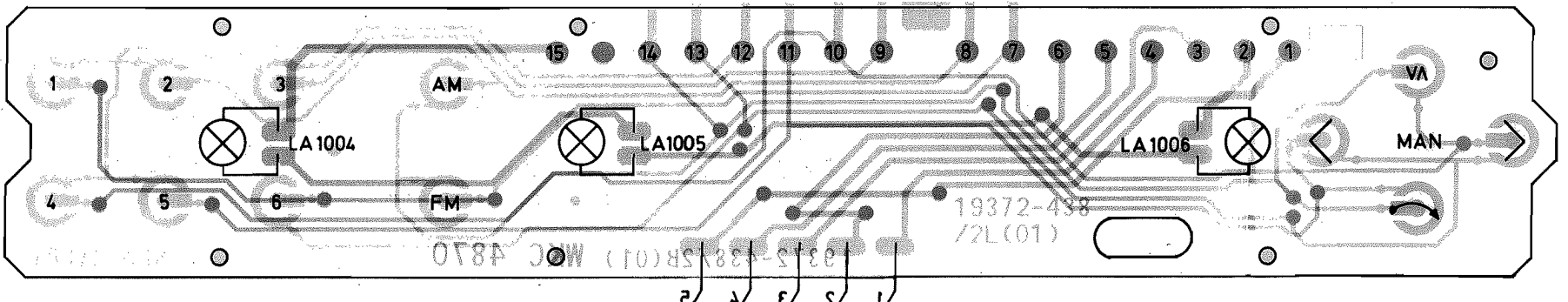
R 1458
 SPEED
 R 1521/1566
 FADER
 BASS
 TREBLE

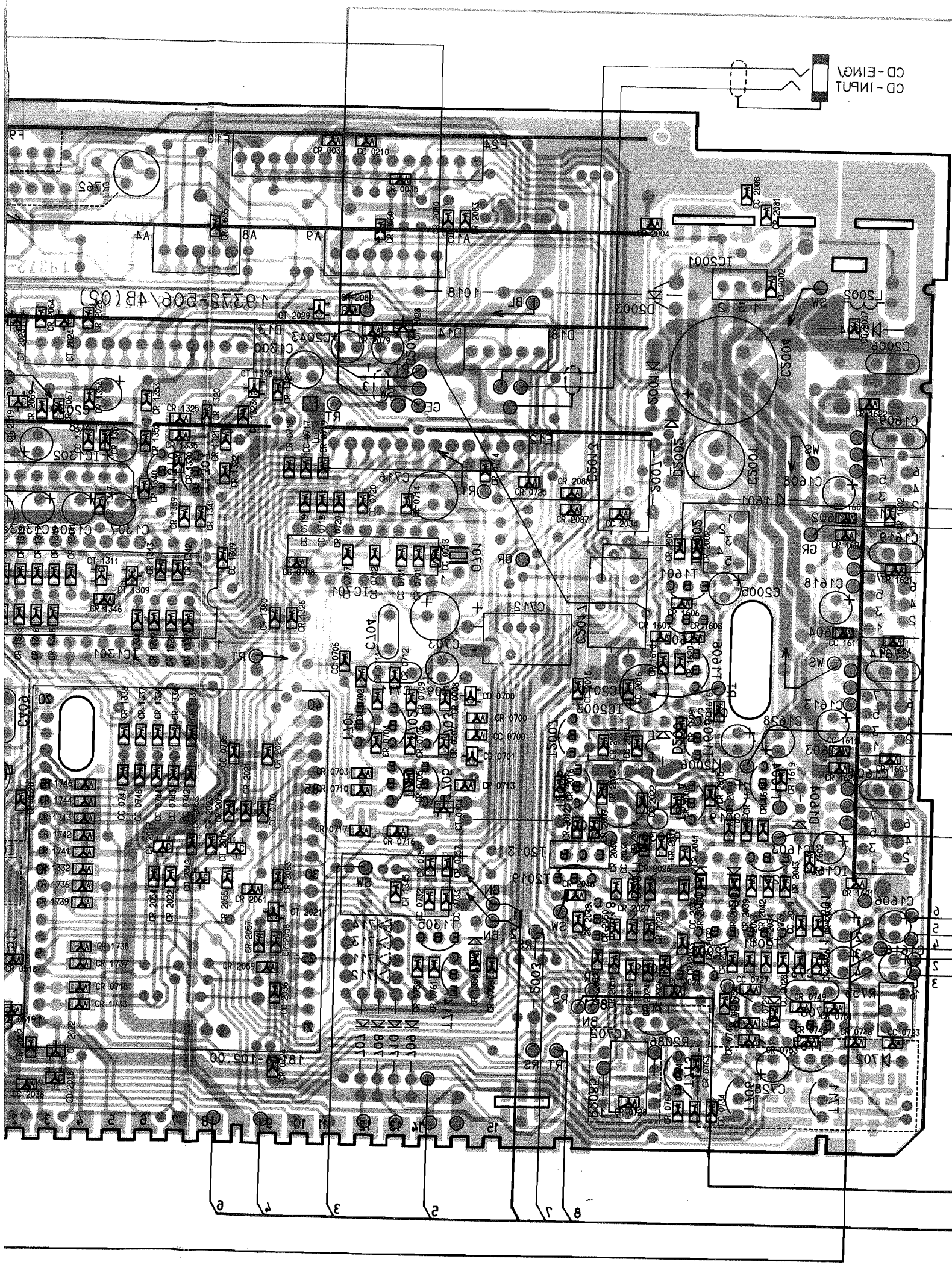






Bei Endstufen mit Linienverstärker

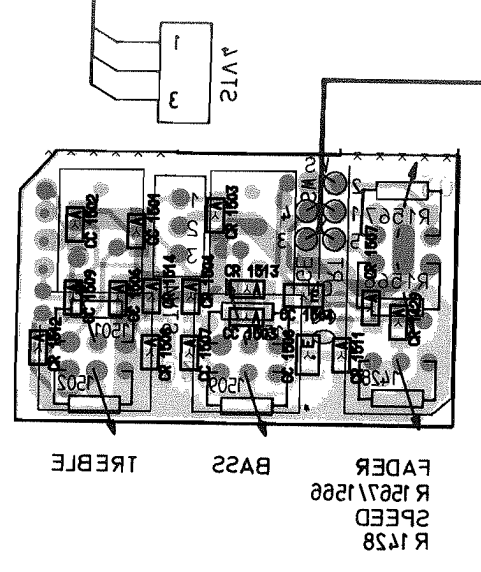
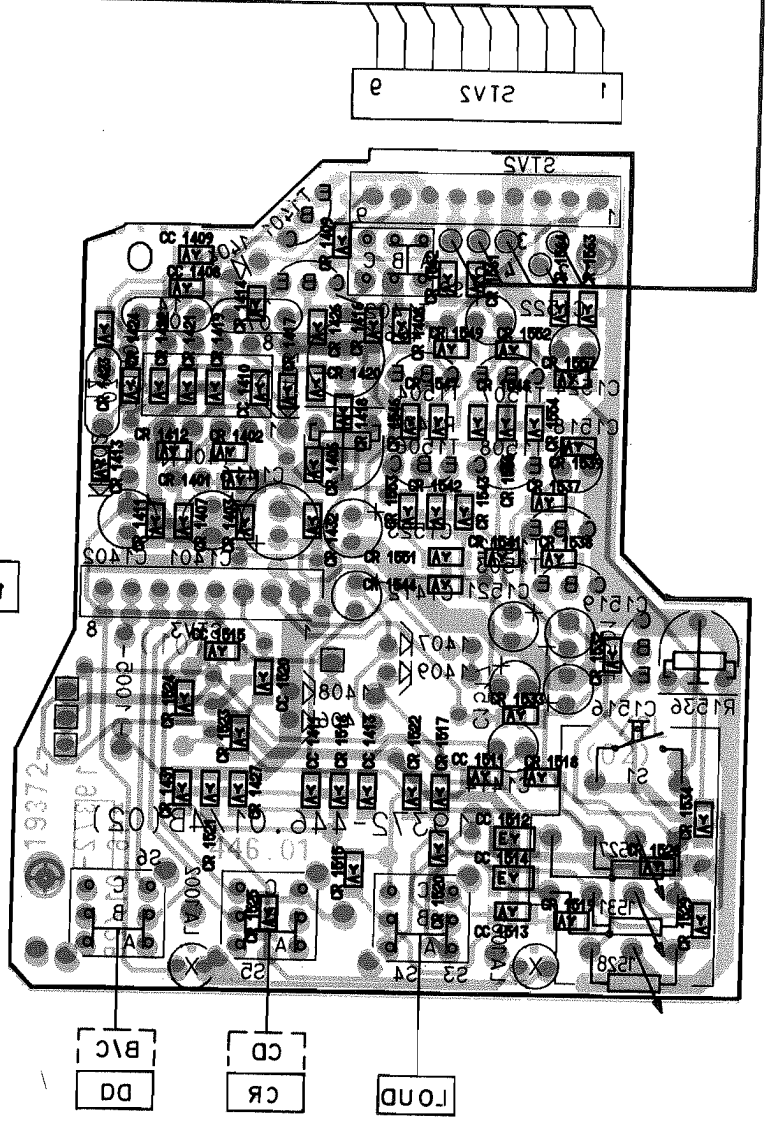
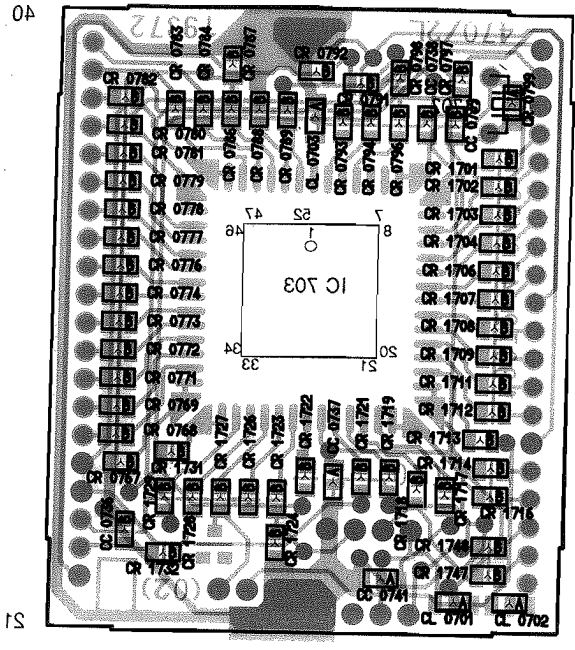


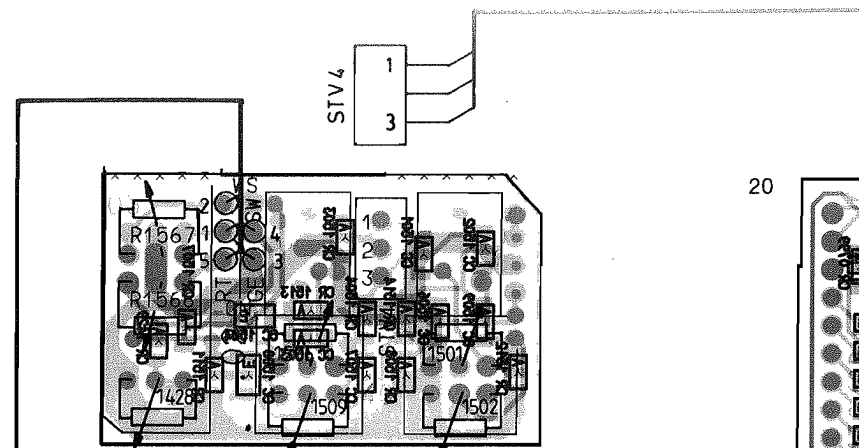


Lötseite
 Solder side
 Côté soudures
 Lato saldature
 Lado de soldaduras

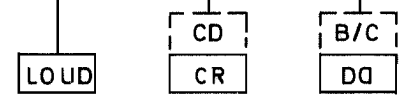
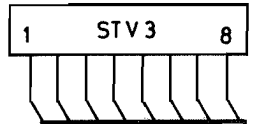
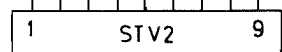
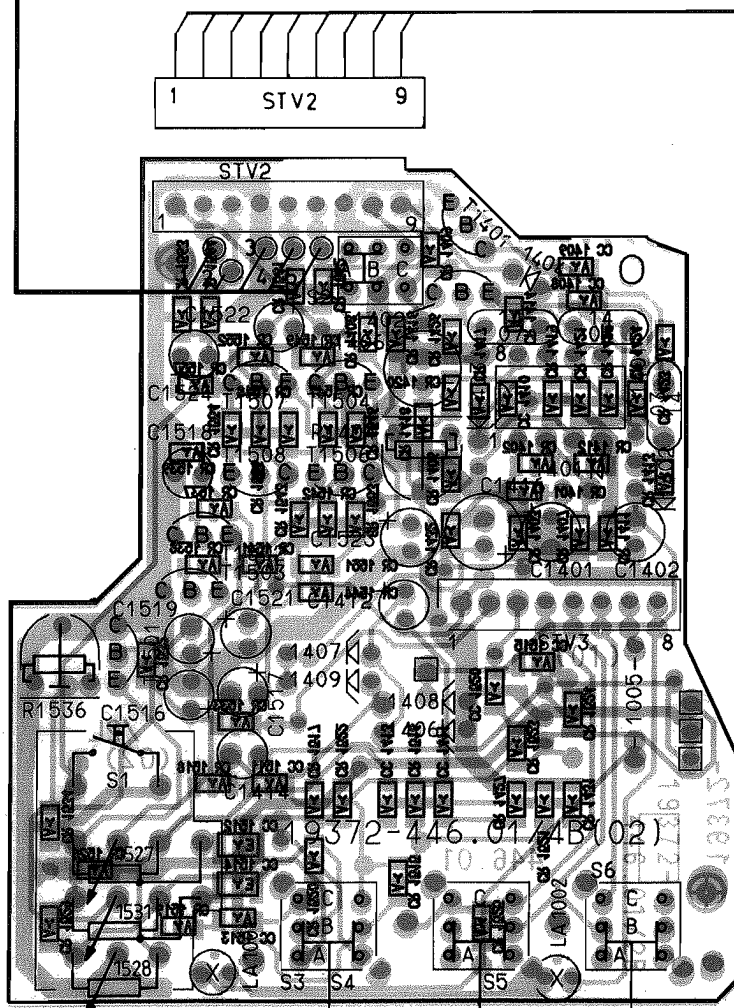
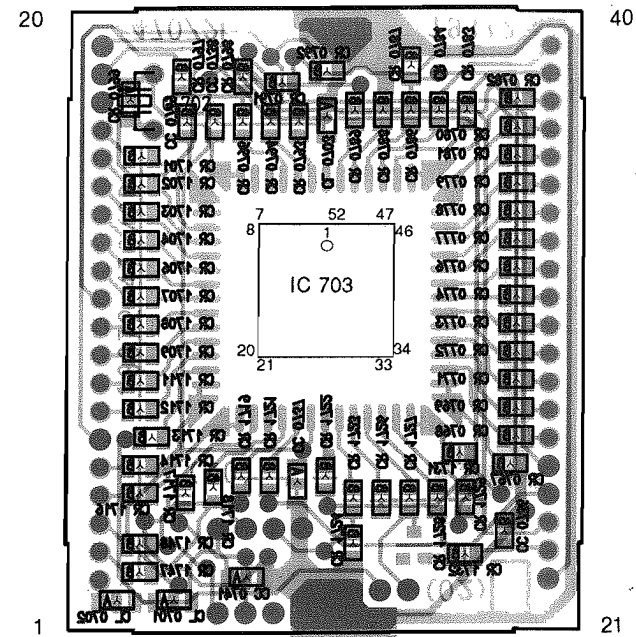
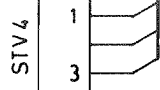
THERMO-
 SCHALTER
 TEMPERATURE
 SWITCH

Lado de componentes
 Côté composants
 Component side
 Bestückungsseite



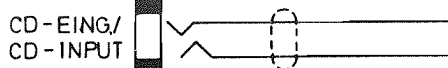
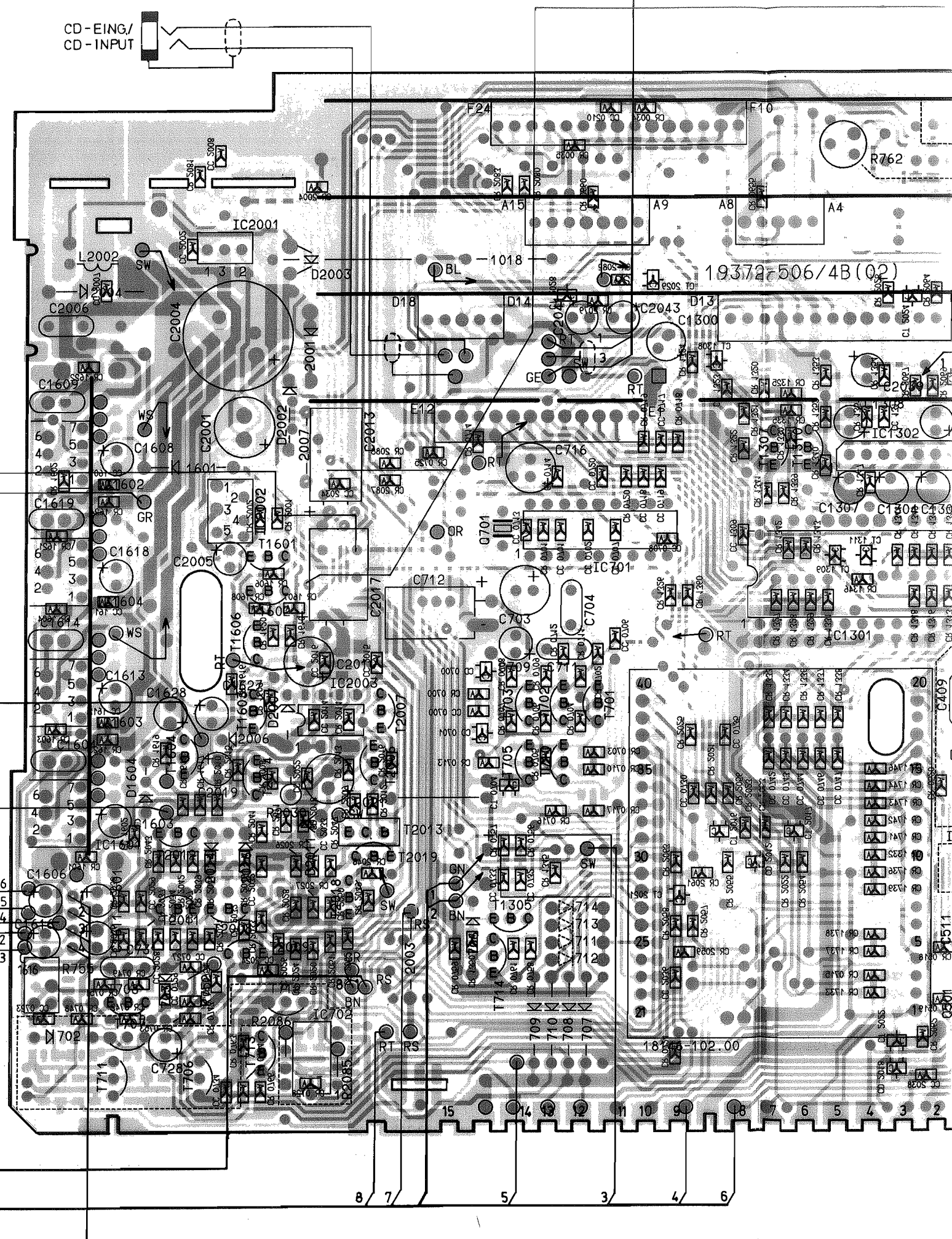


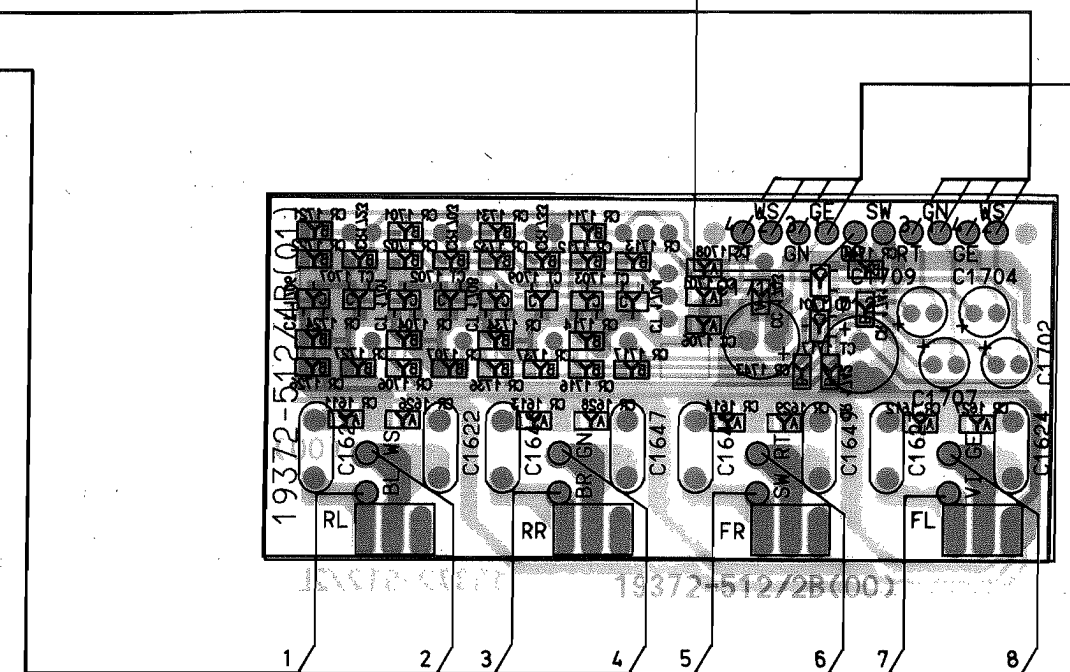
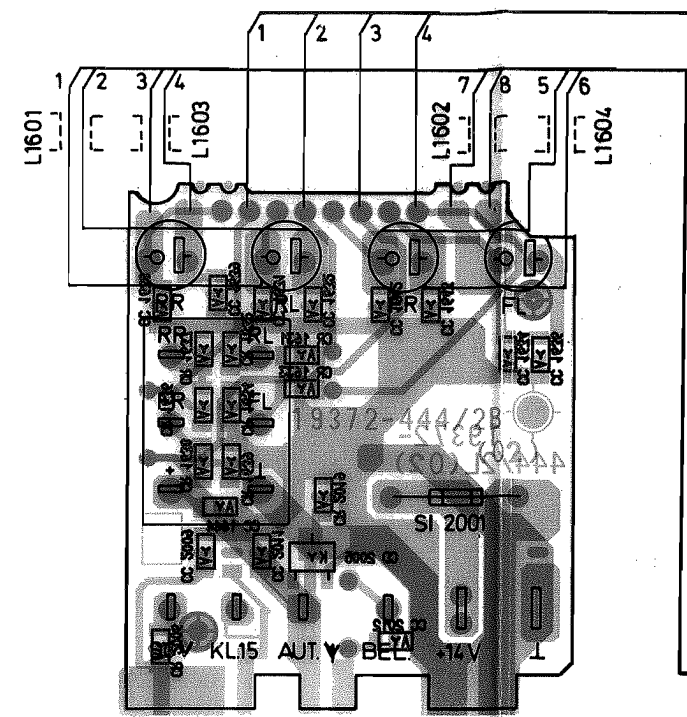
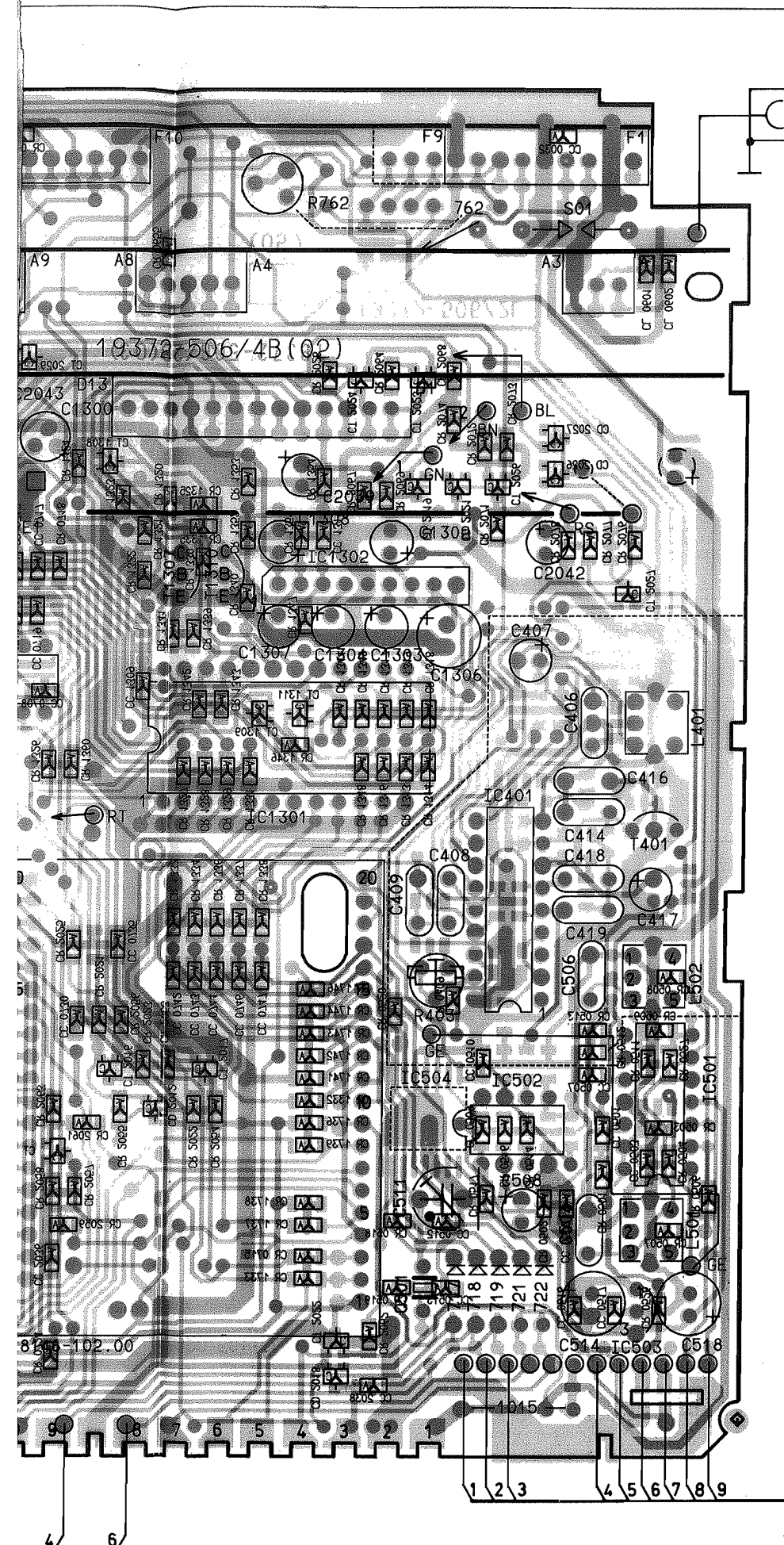
FADER
R 1567/1566
SPEED
R 1428



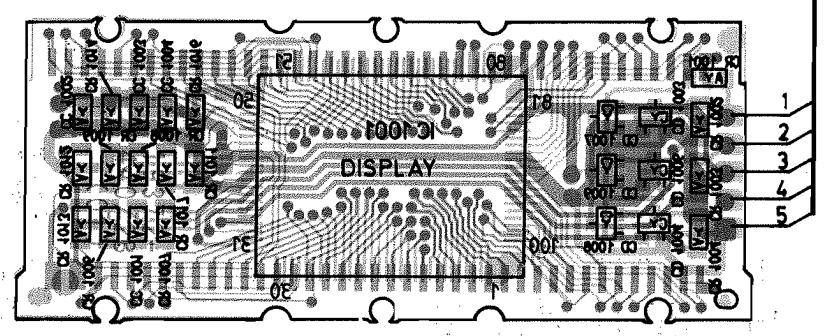
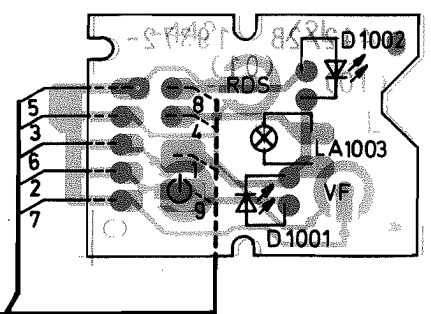
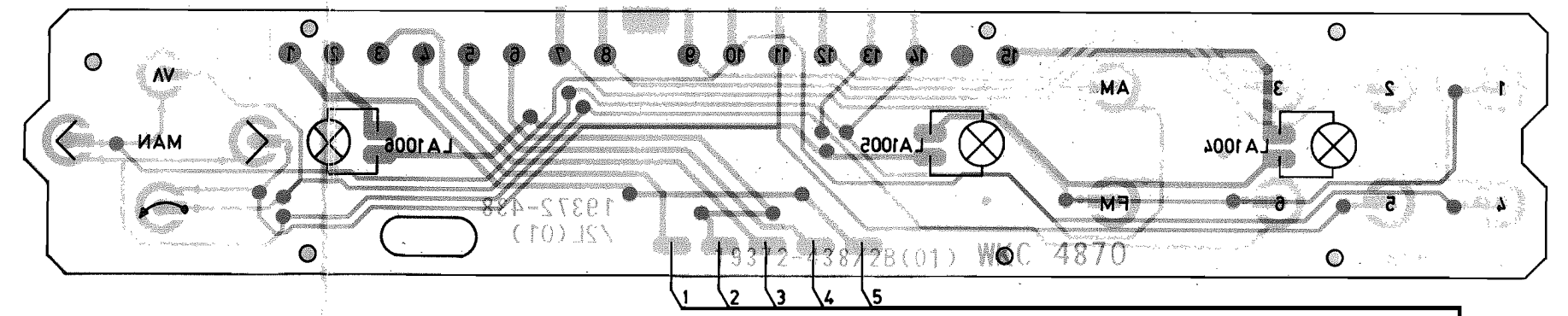
Bestückungsseite
Component side
Côté composants
Lato componenti
Lado de componentes

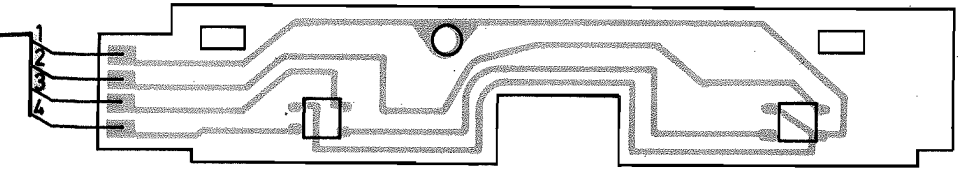
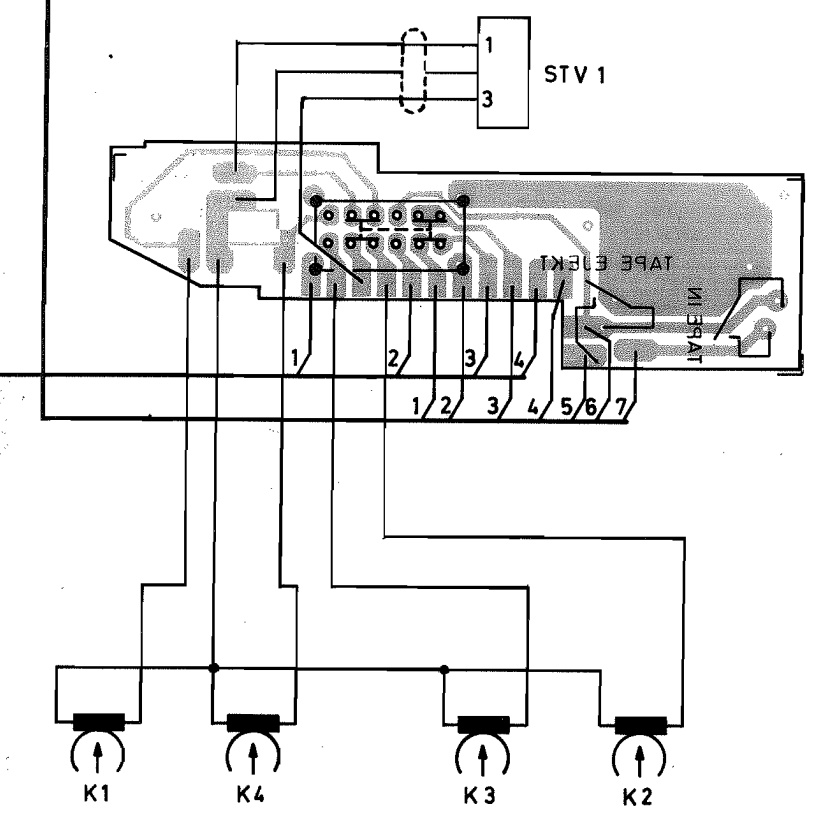
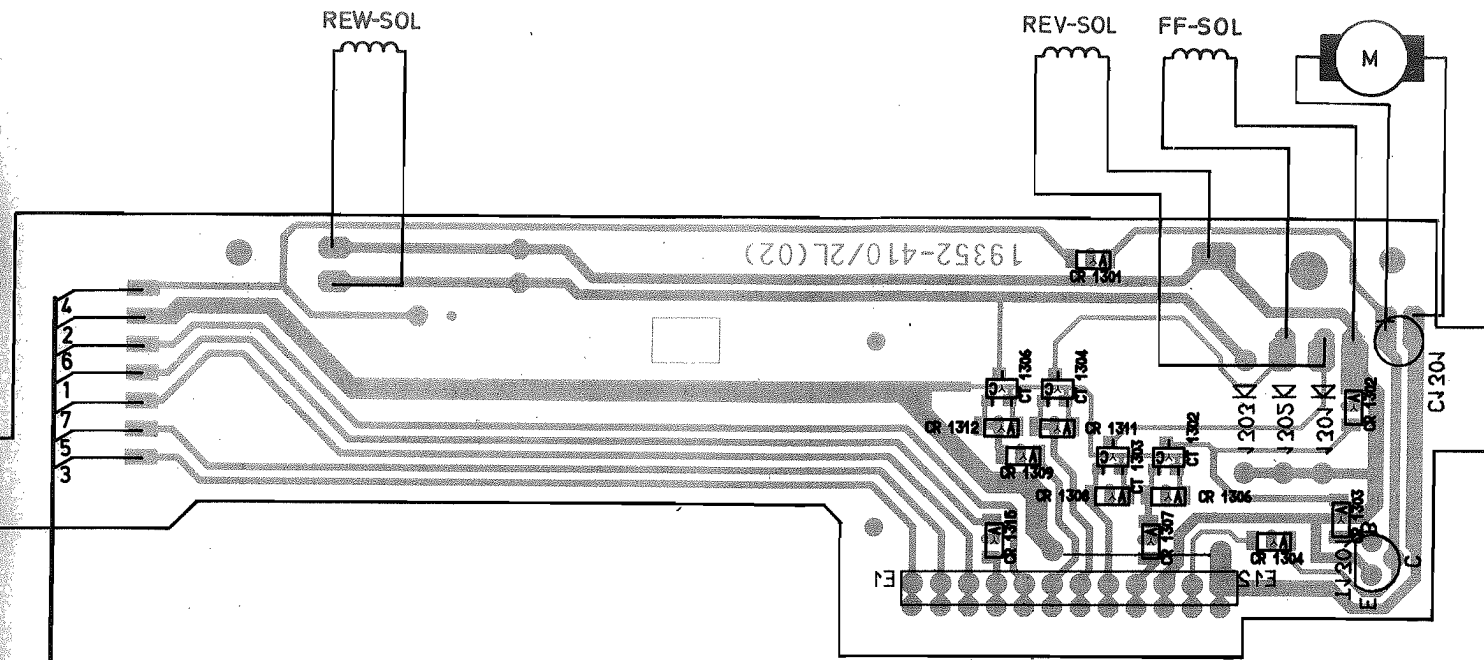
Lötseite
Solder side
Côté soudures
Lato soldature
Lado de soldaduras





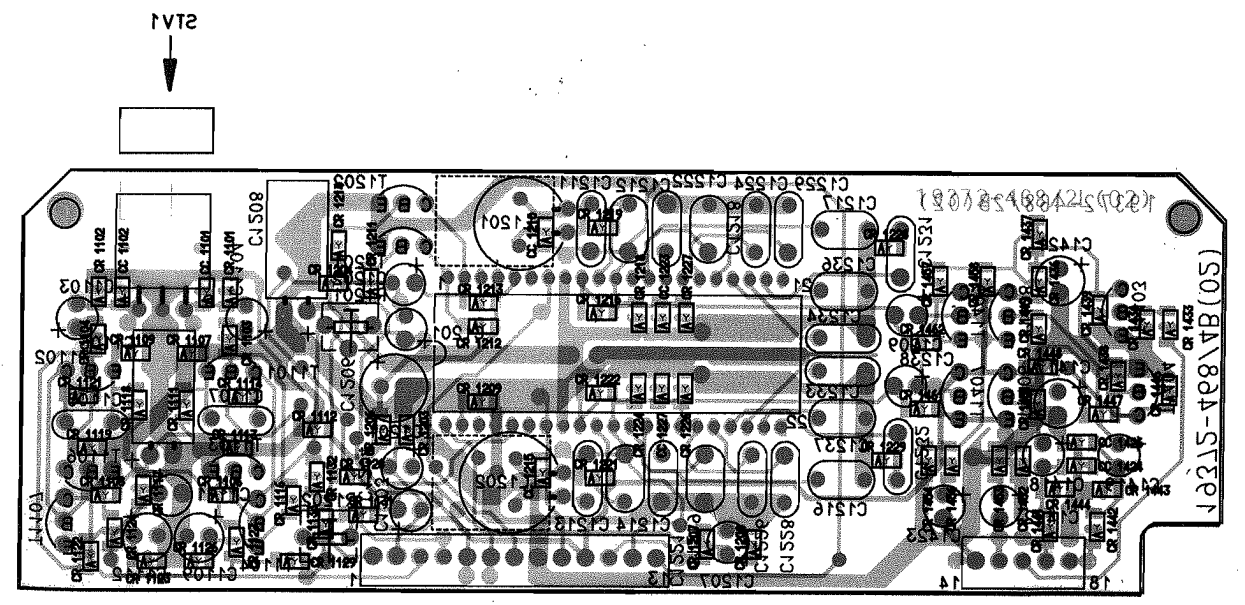
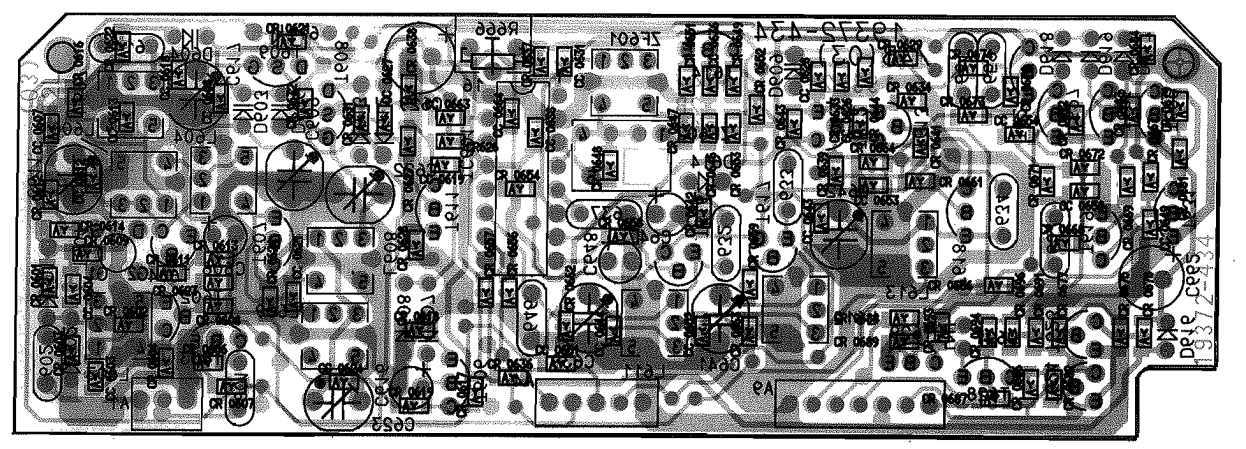
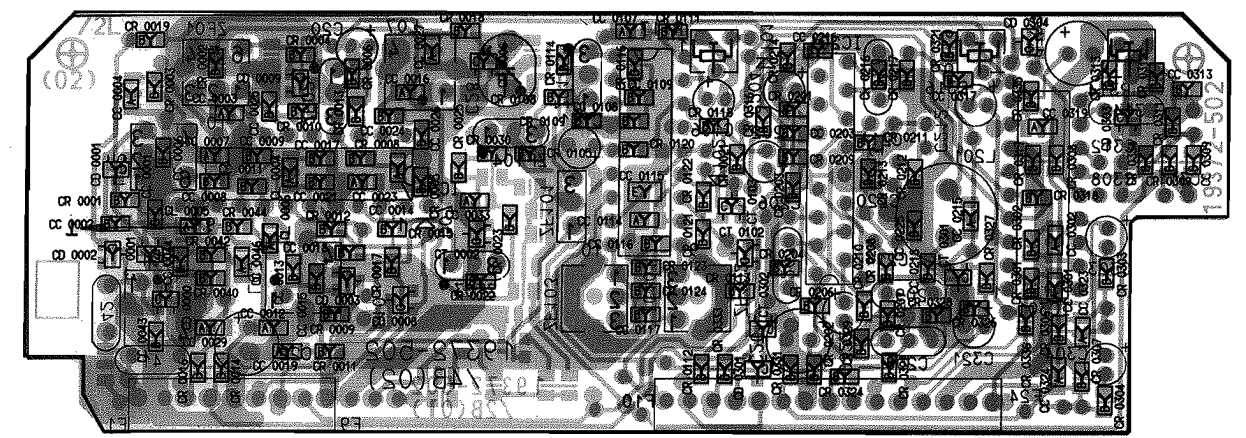
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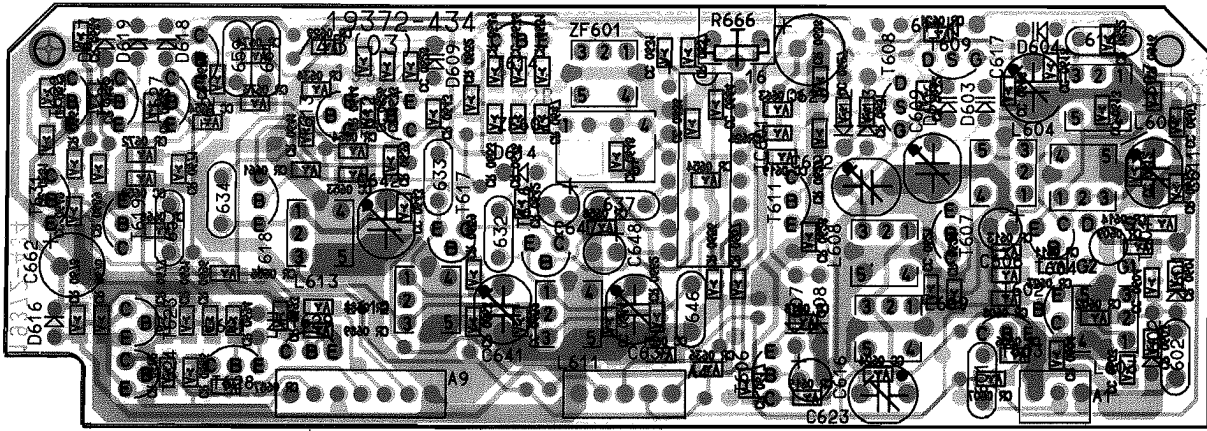
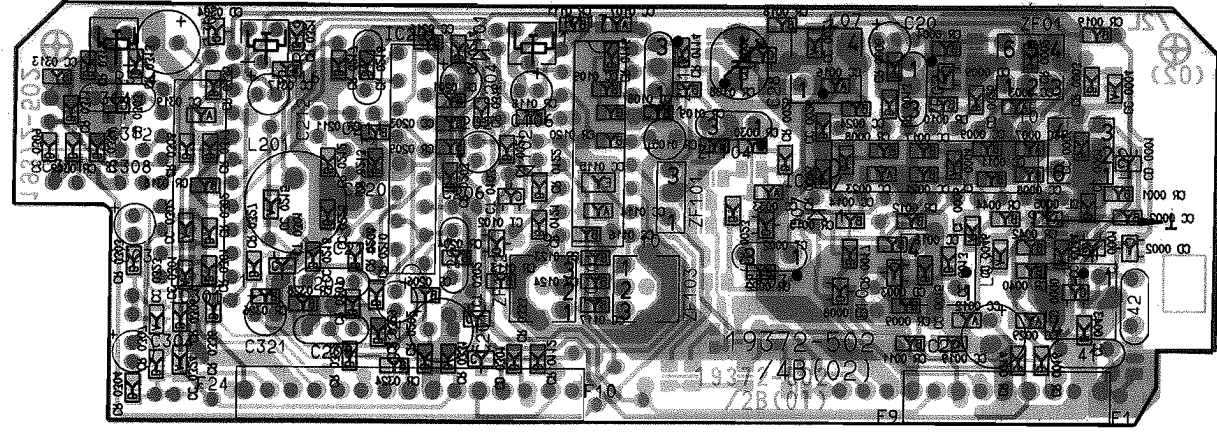




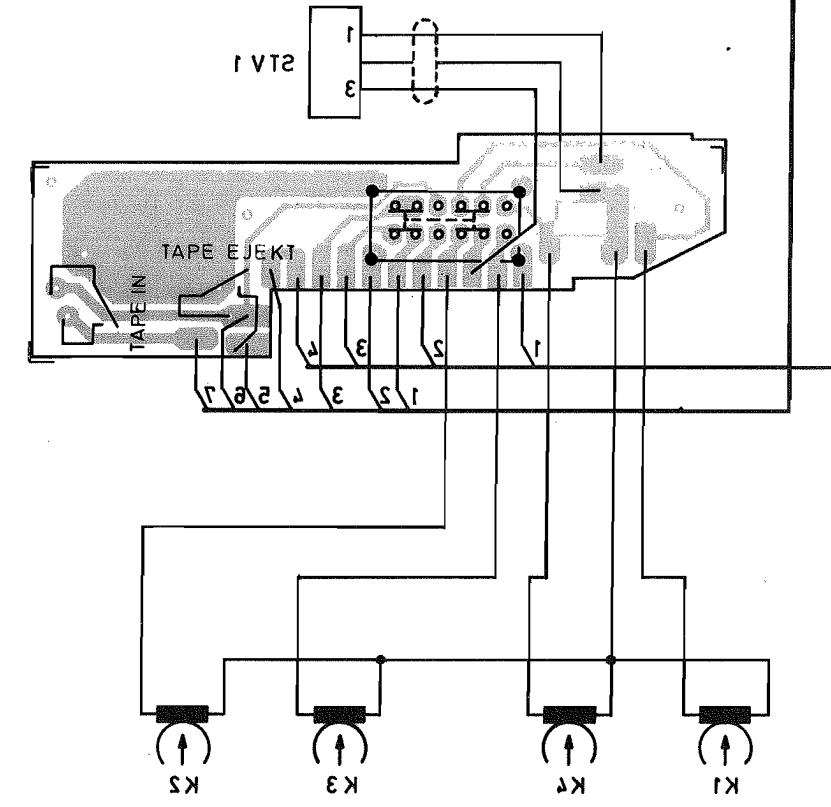
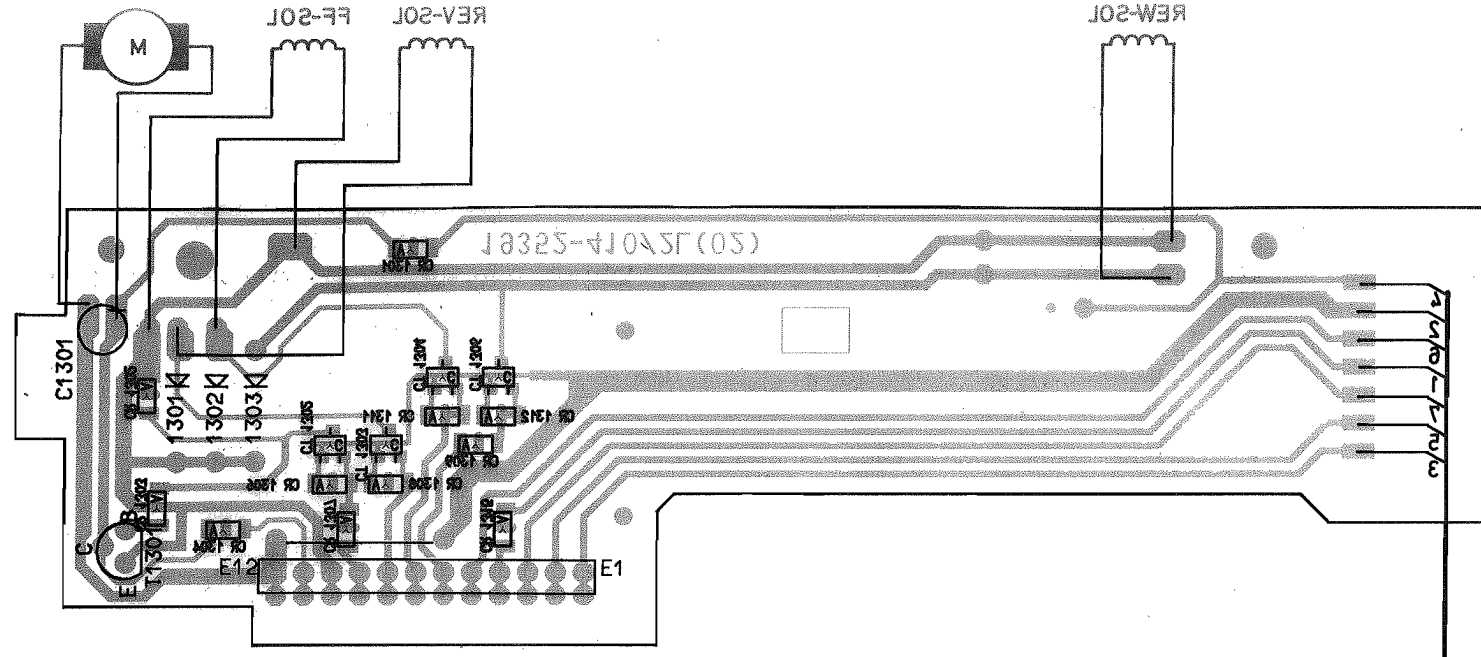
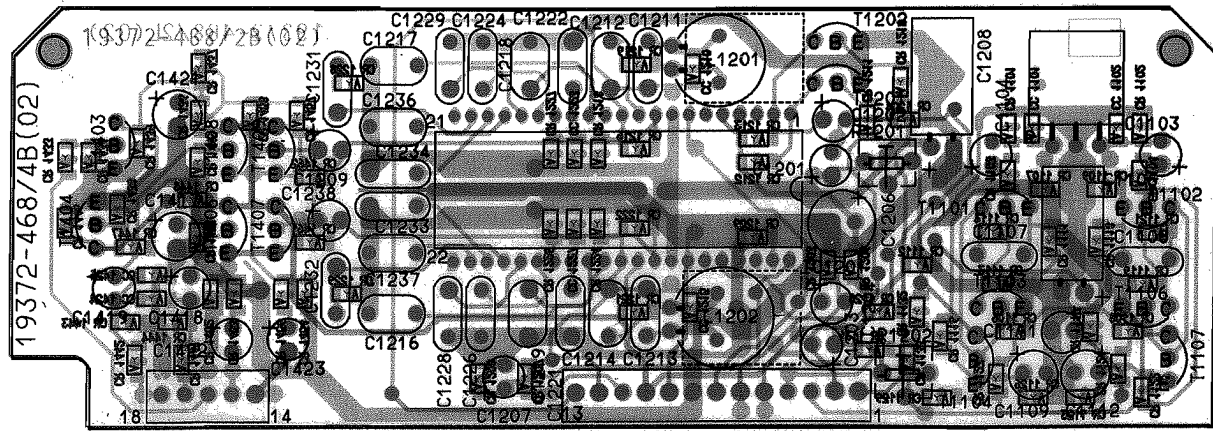
Bestückungsseite
Component side
Côté composants
Lato componenti
Lado de componentes

Lötseite
Solder side
Côté soudures
Lato soldadura
Lado de soldaduras



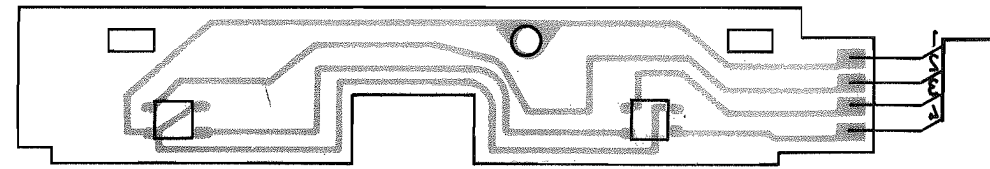


STV1

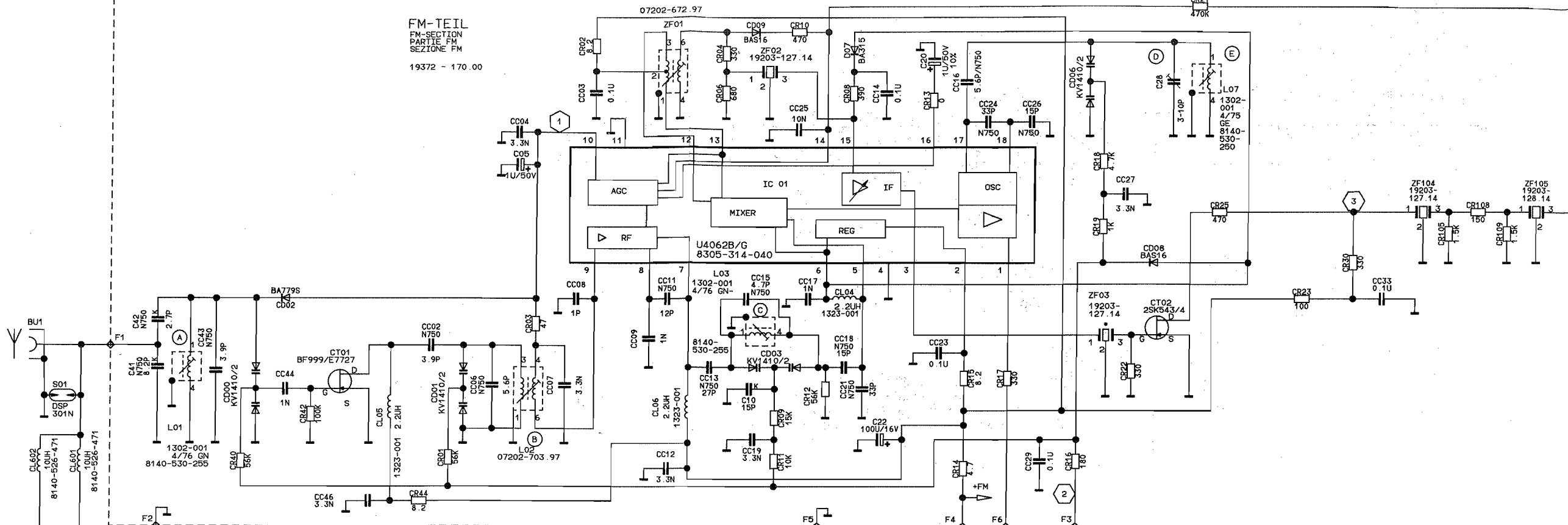


Bestückungsseite
Component side
Côté composants
Lato componenti
Lado de componentes

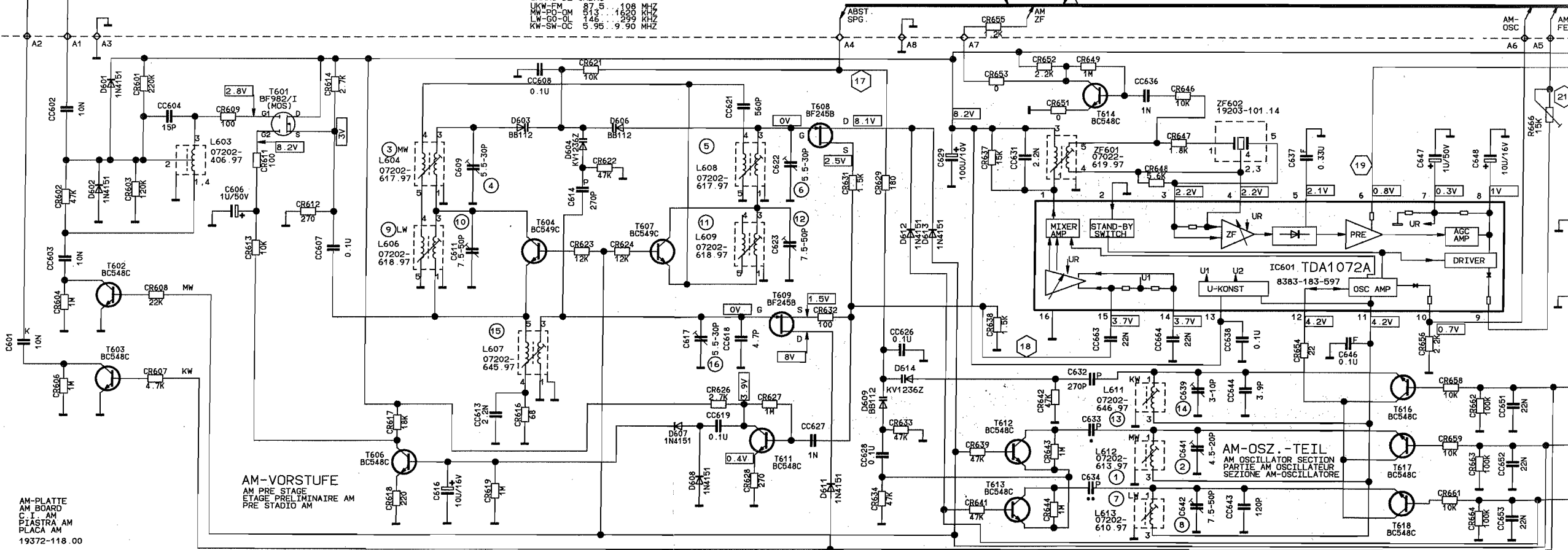
Lötseite
Solder side
Côté soldures
Lato soldature
Lado de soldaduras



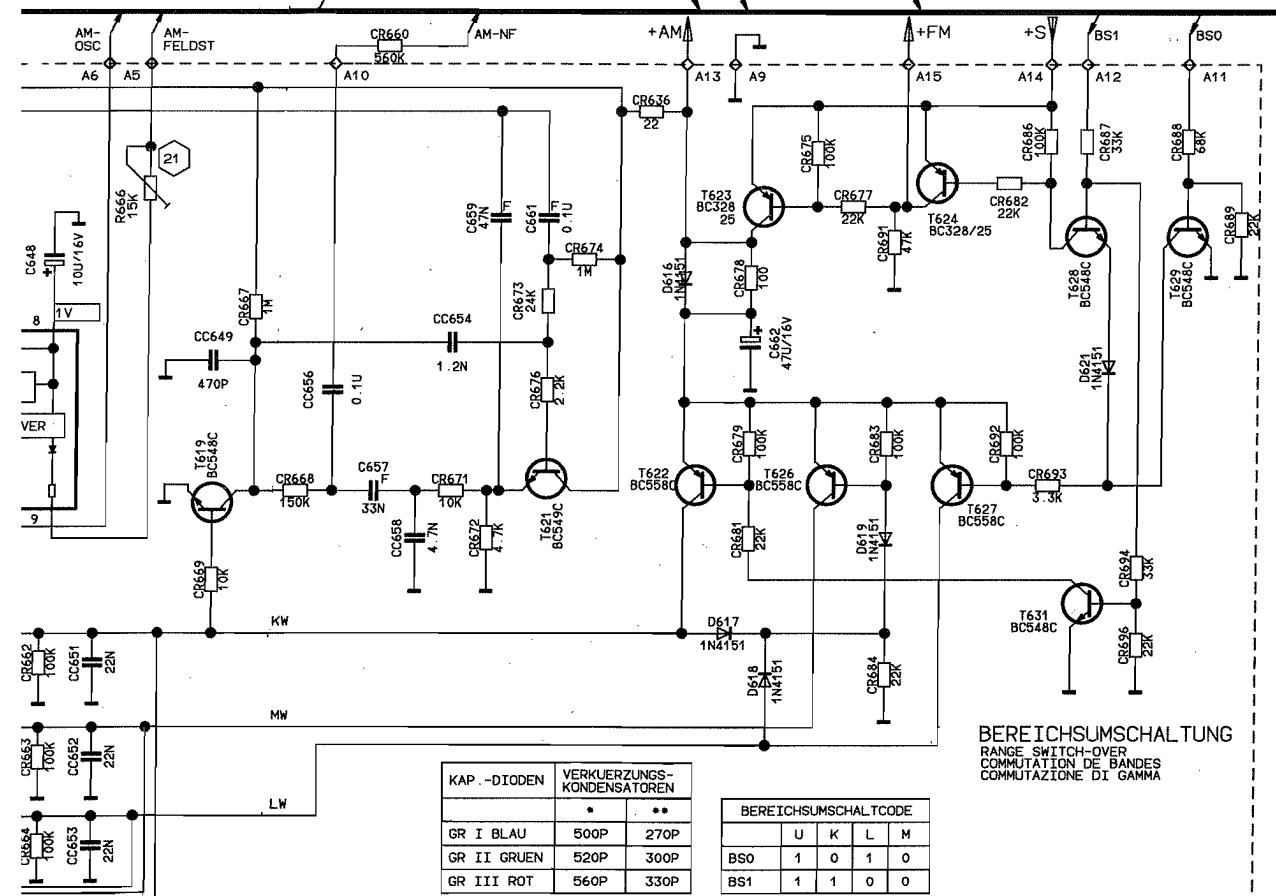
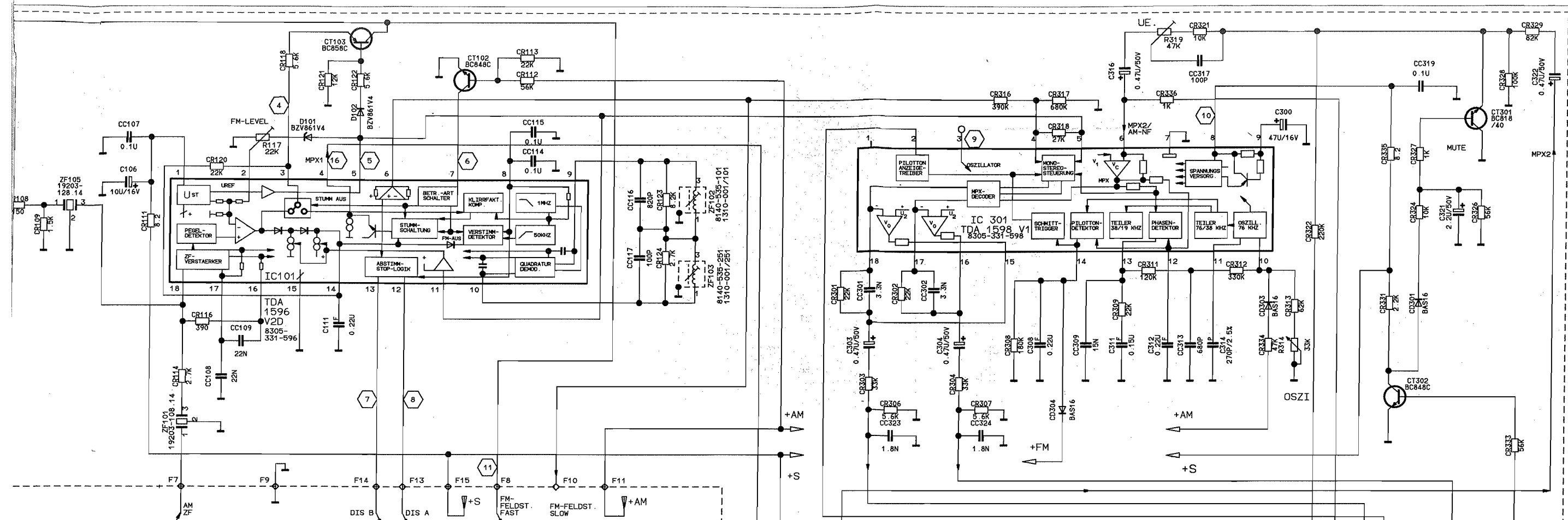
FM-TEIL
FM-SECTION
PARTIE FM
SEZIONE FM
19372 - 170.00



WELLENBEREICHE
WAVE BANDS
SAMENS
GAMAS DE ONDAS
LW-FM 5.95 - 1.08 MHz
MW-FM 5.95 - 1.08 MHz
KW-FM 5.95 - 1.08 MHz

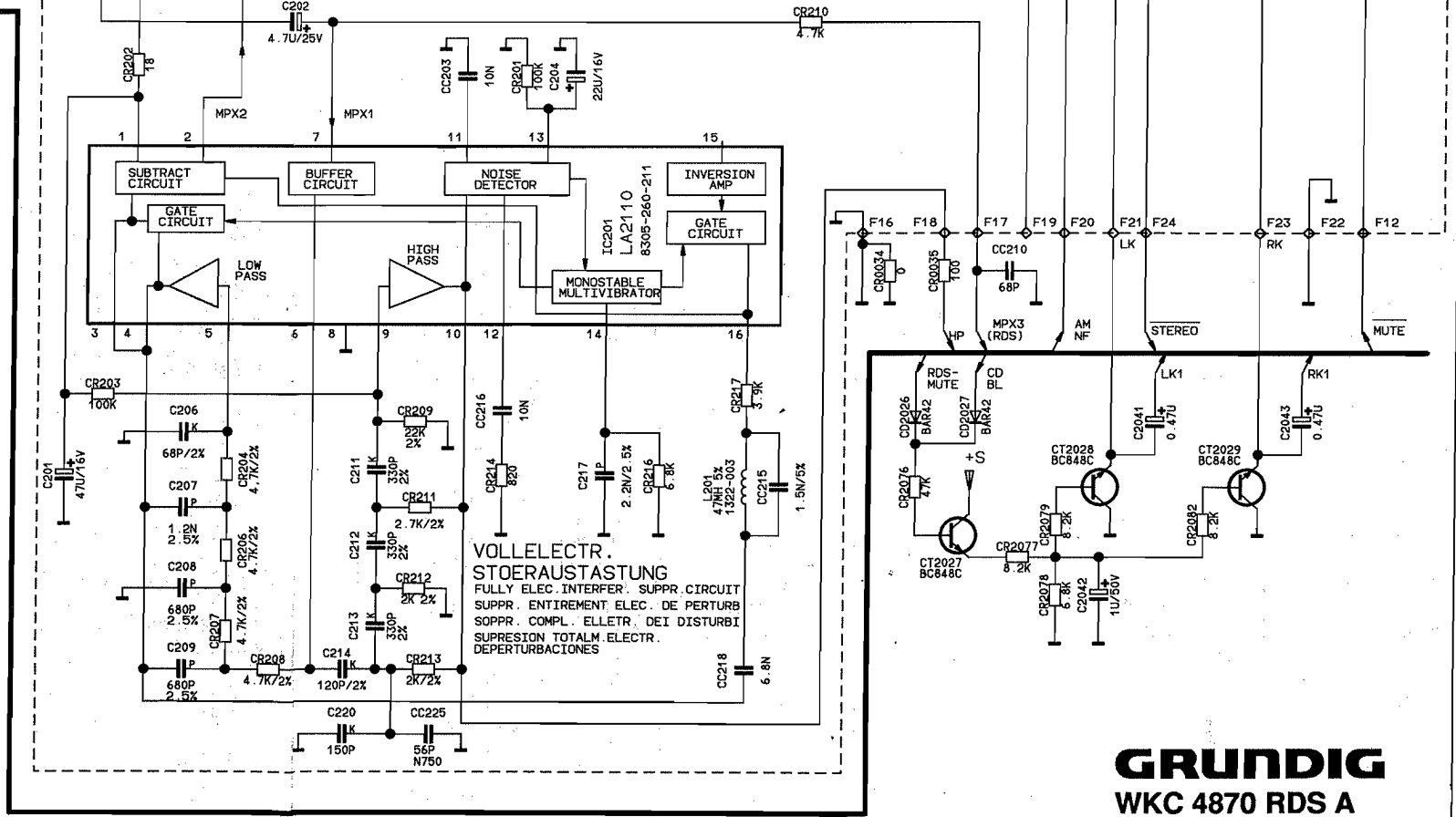


MESSPUNKTE
MEASURING POINTS
ABGLEICHPUNKTE
ALIGNMENT POINTS

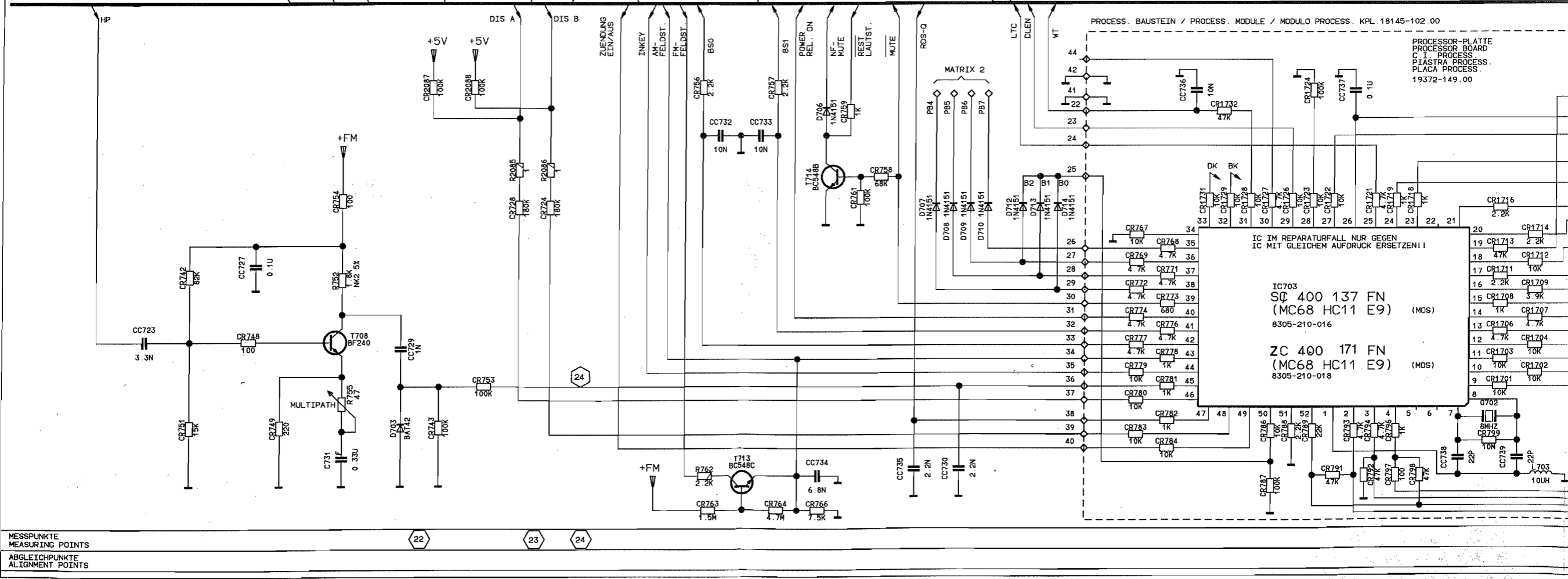
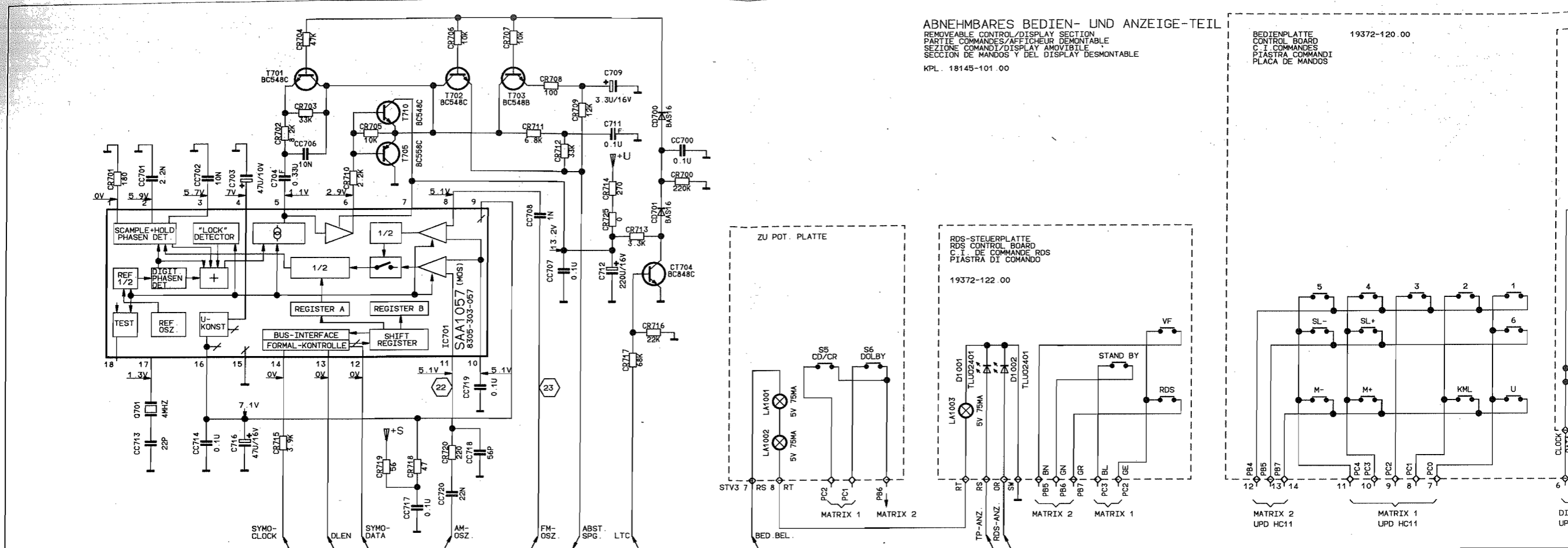


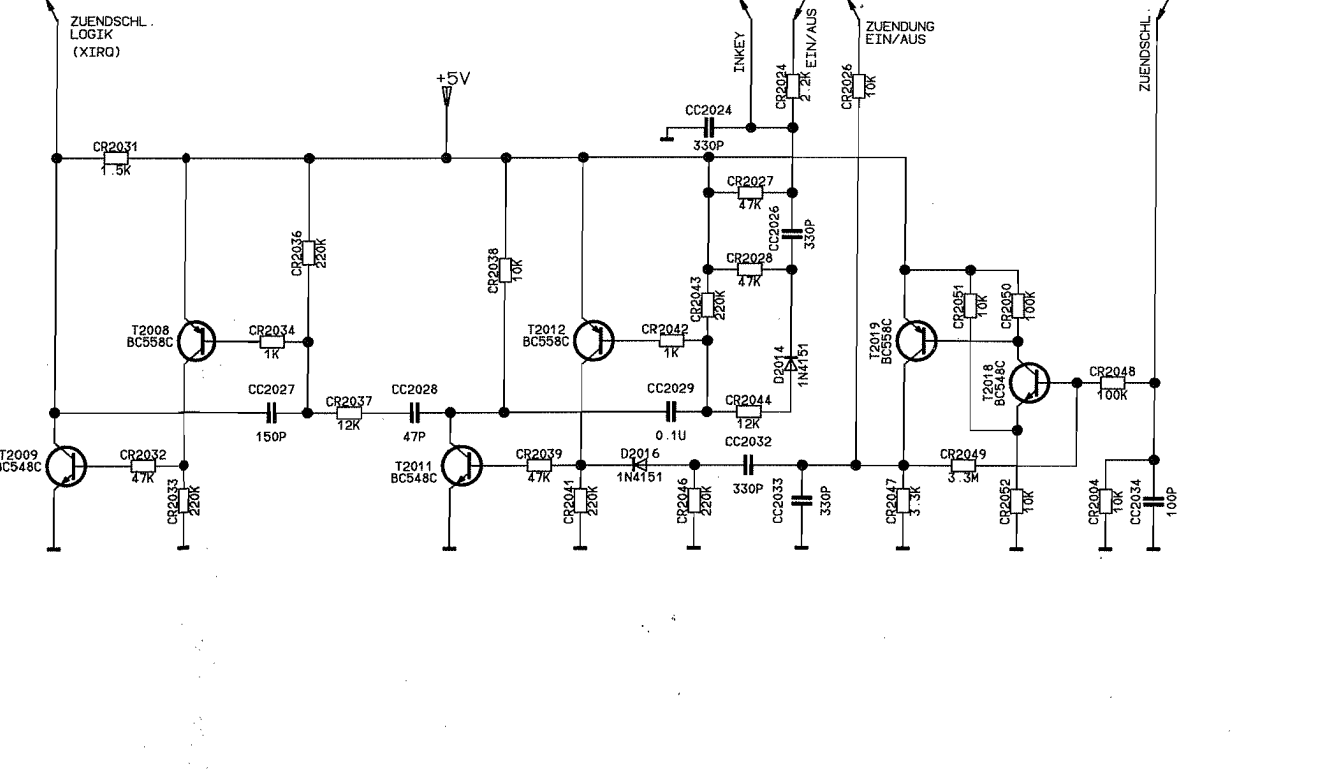
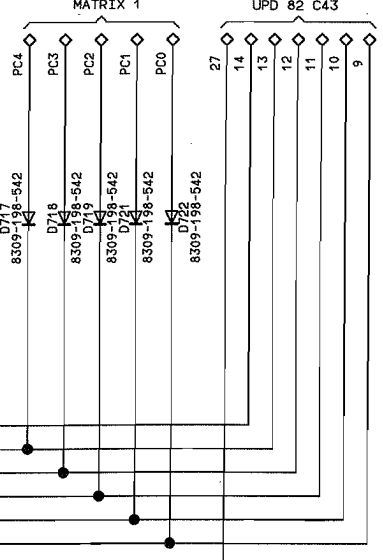
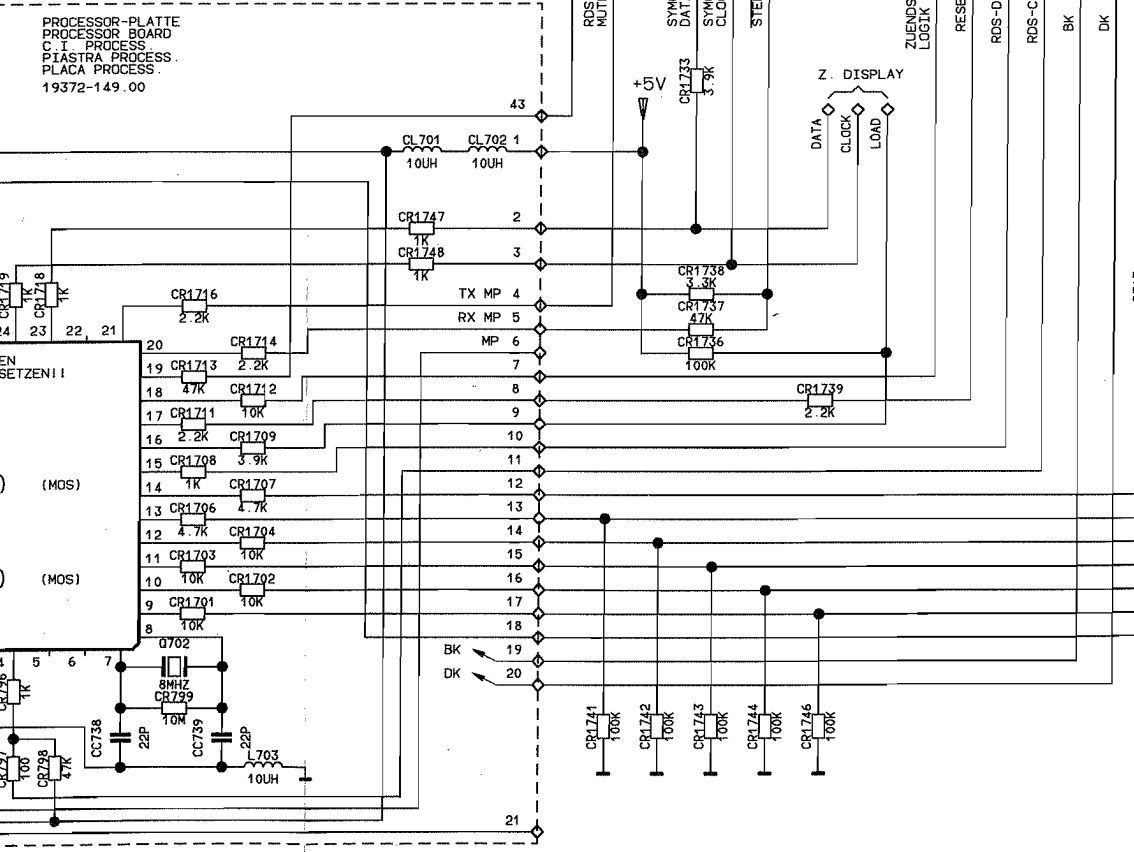
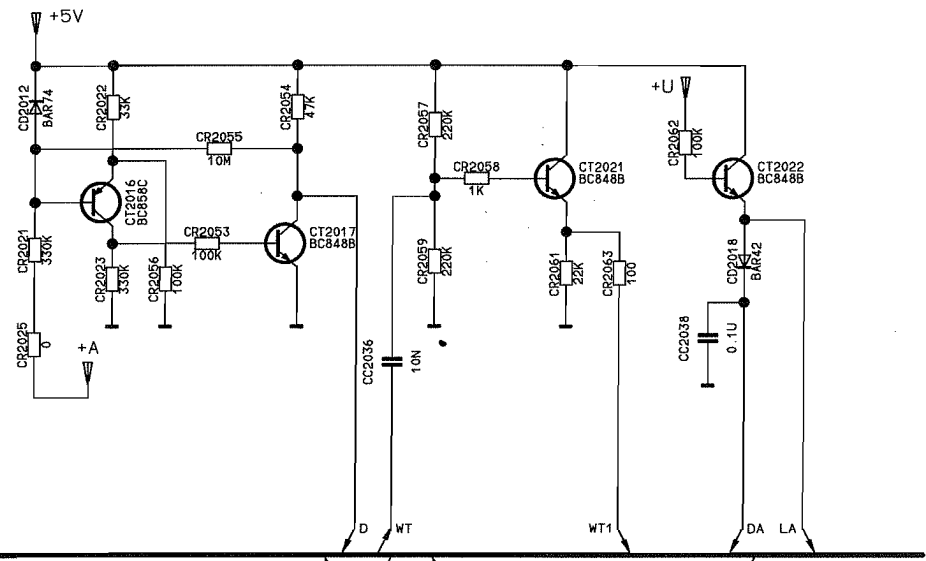
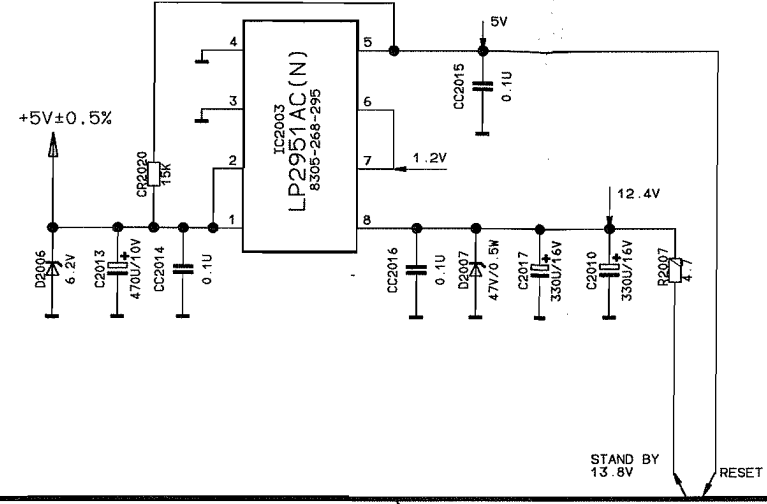
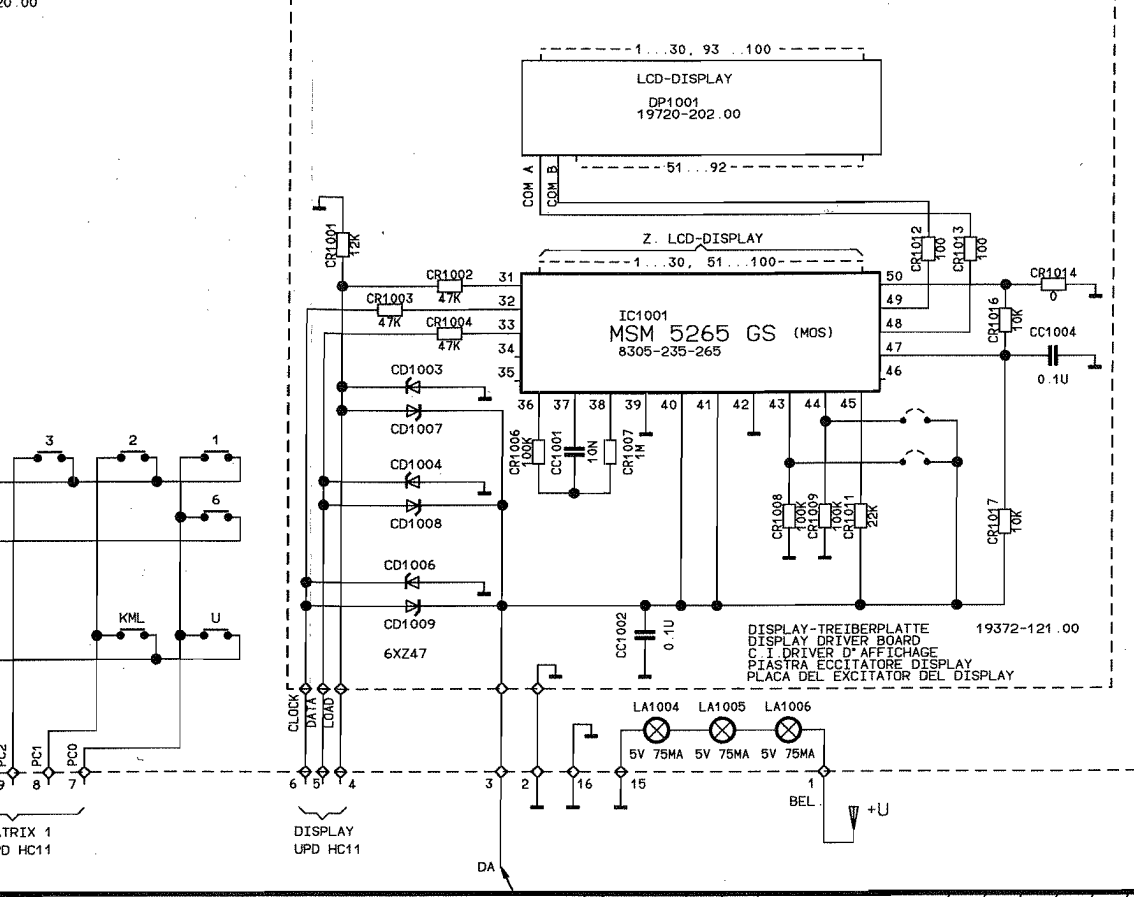
KAP - DIODEN		VERKÜRZUNGS-KONDENSATOREN	
GR I BLAU	500P	270P	
GR II GRUEN	520P	300P	
GR III ROT	560P	330P	

BEREICHSUMSCHALTCODE			
BS0	1	0	1
BS1	1	1	0

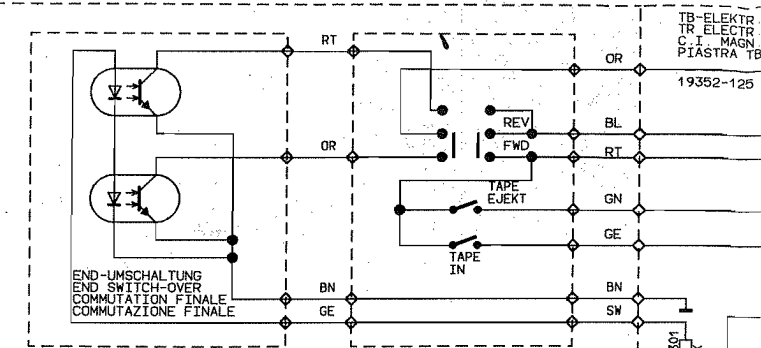
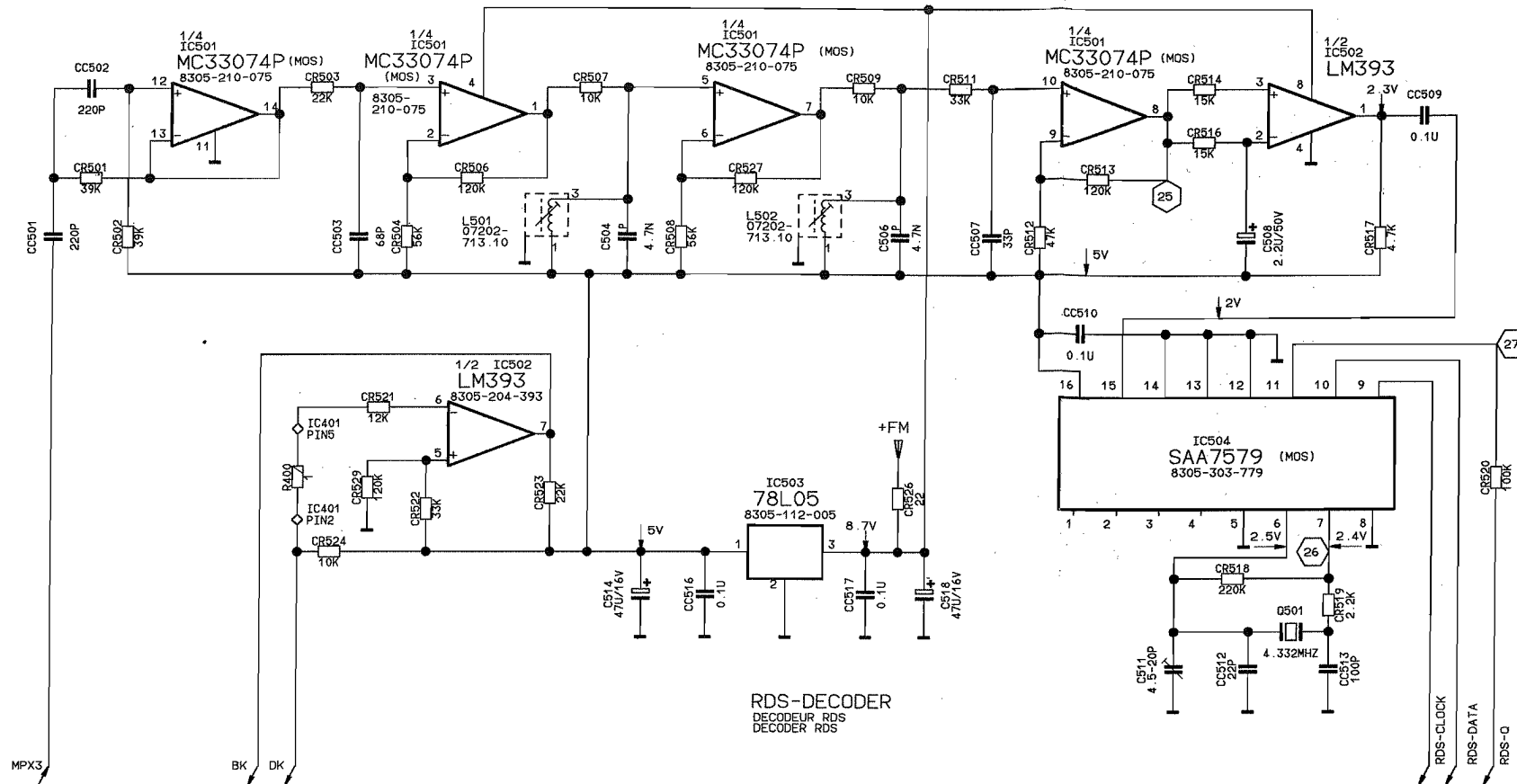


GRUNDIG
WKC 4870 RDS A
BL.1

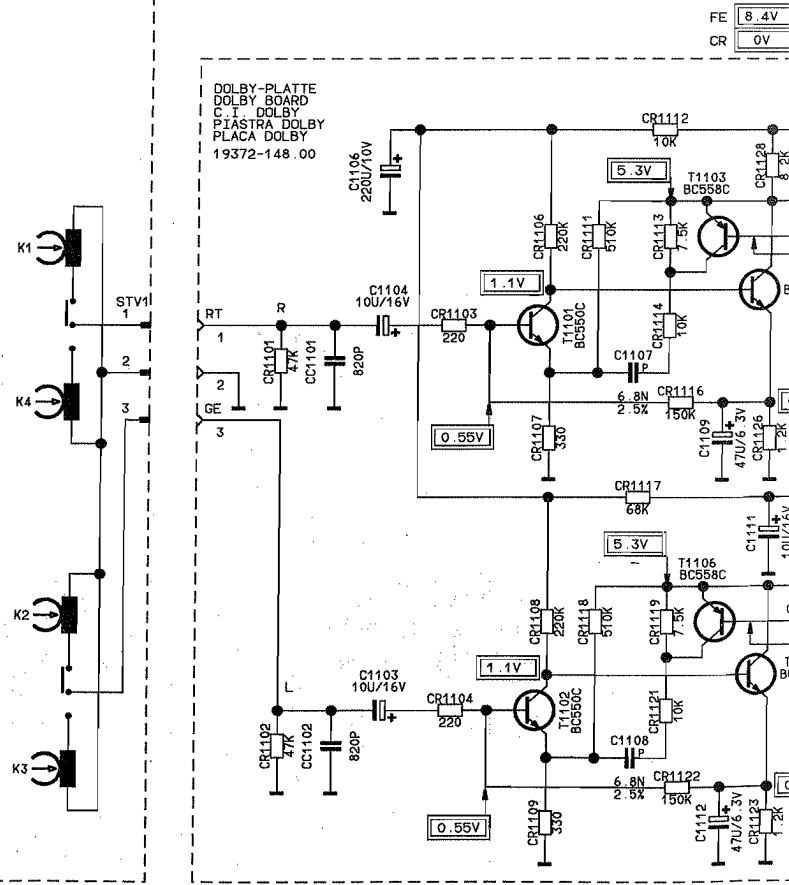
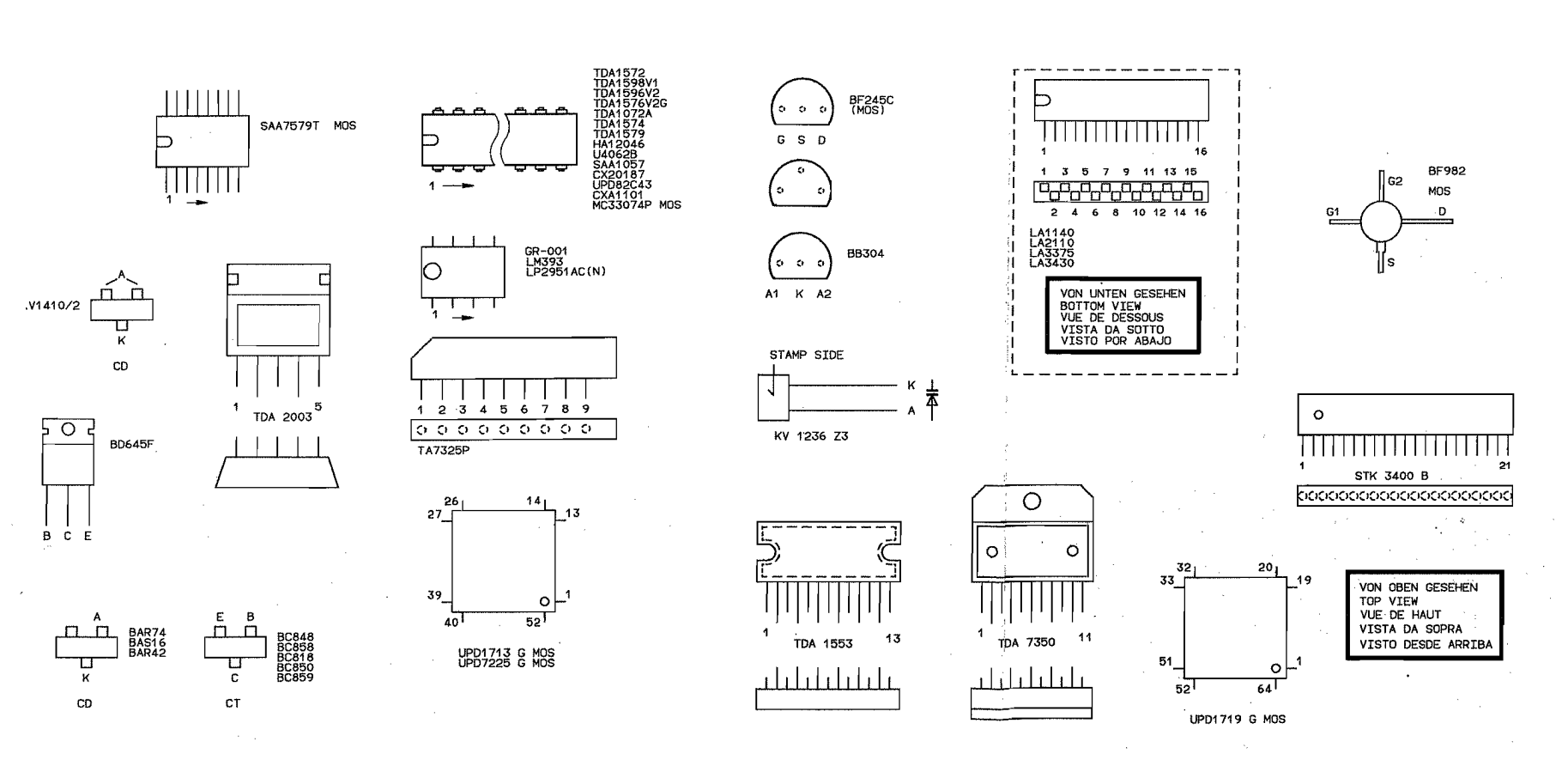




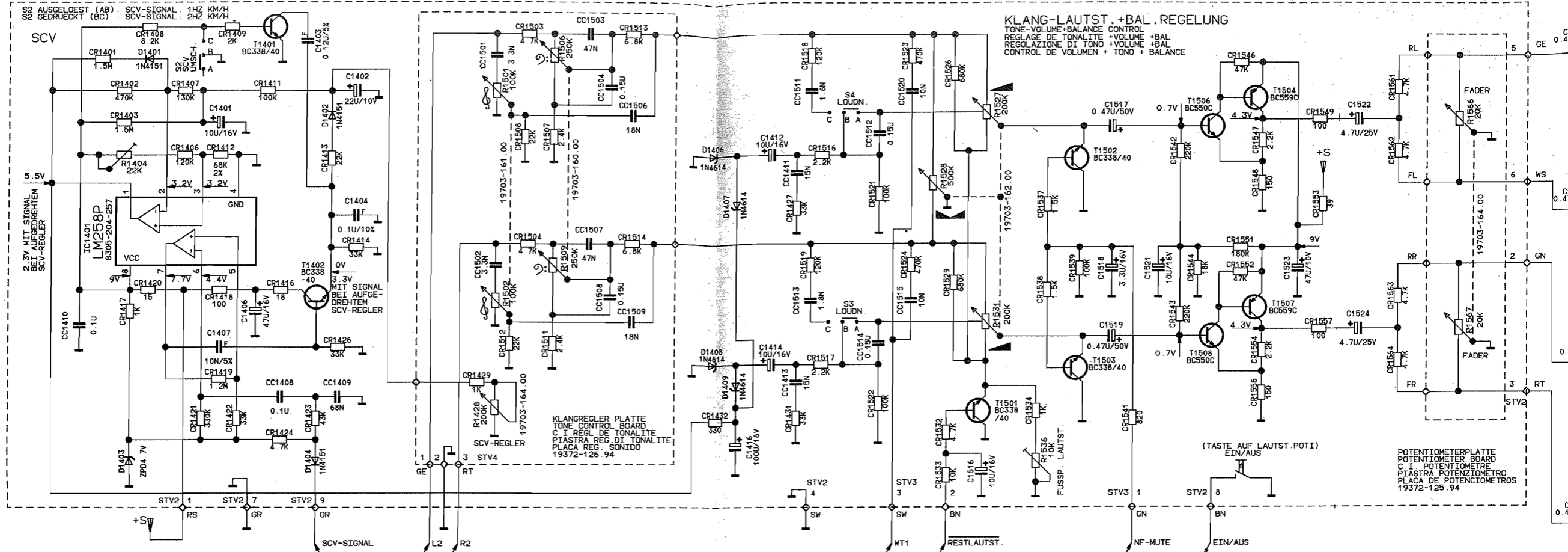
GRUNDIG
WKC 4870 RDS A
BL.2



19352-125



MESSPUNKTE
 MEASURING POINTS
 ABGLEICHPUNKTE
 ALIGNMENT POINTS



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

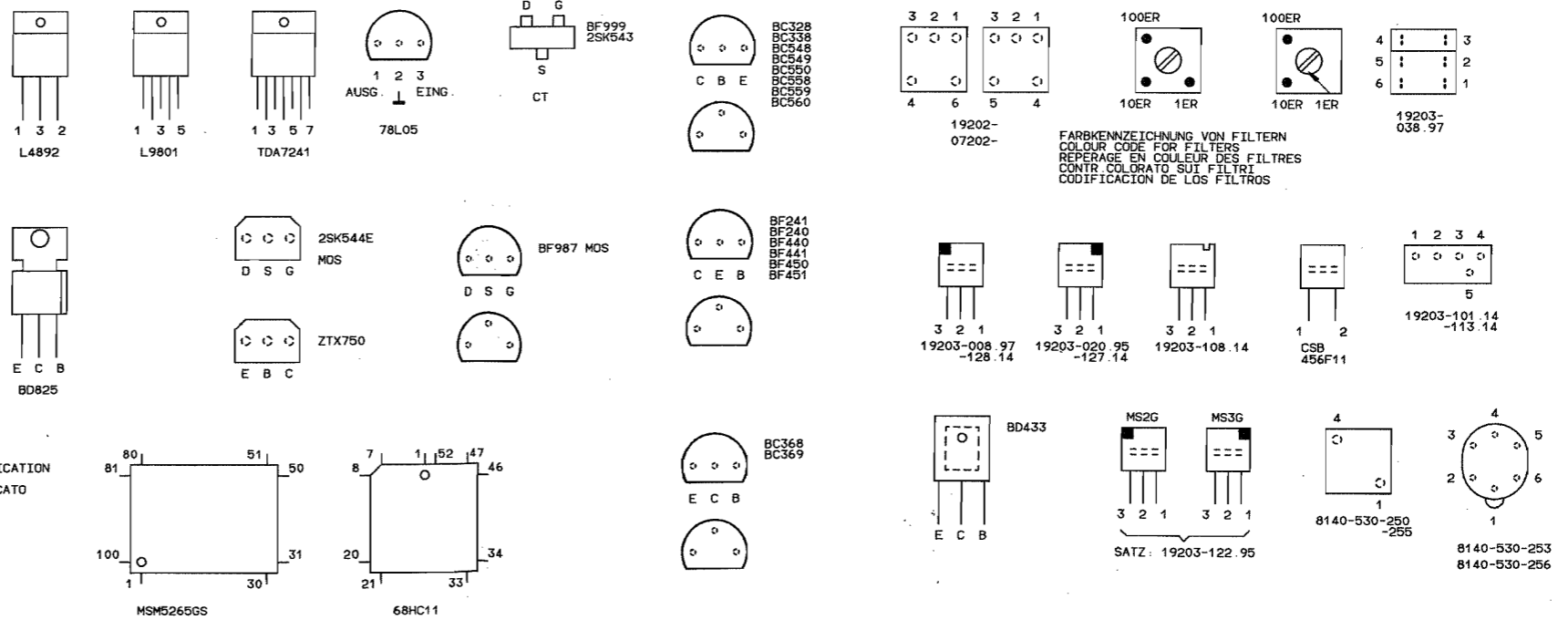
OHNE SIGNAL FM
 WITHOUT SIGNAL FM
 SANS SIGNAL FM
 SENZA SEGNALE FM

MIT SIGNAL TB
 WITH SIGNAL TB
 AVEC SIGNAL ENR
 CON SEGNALE REG

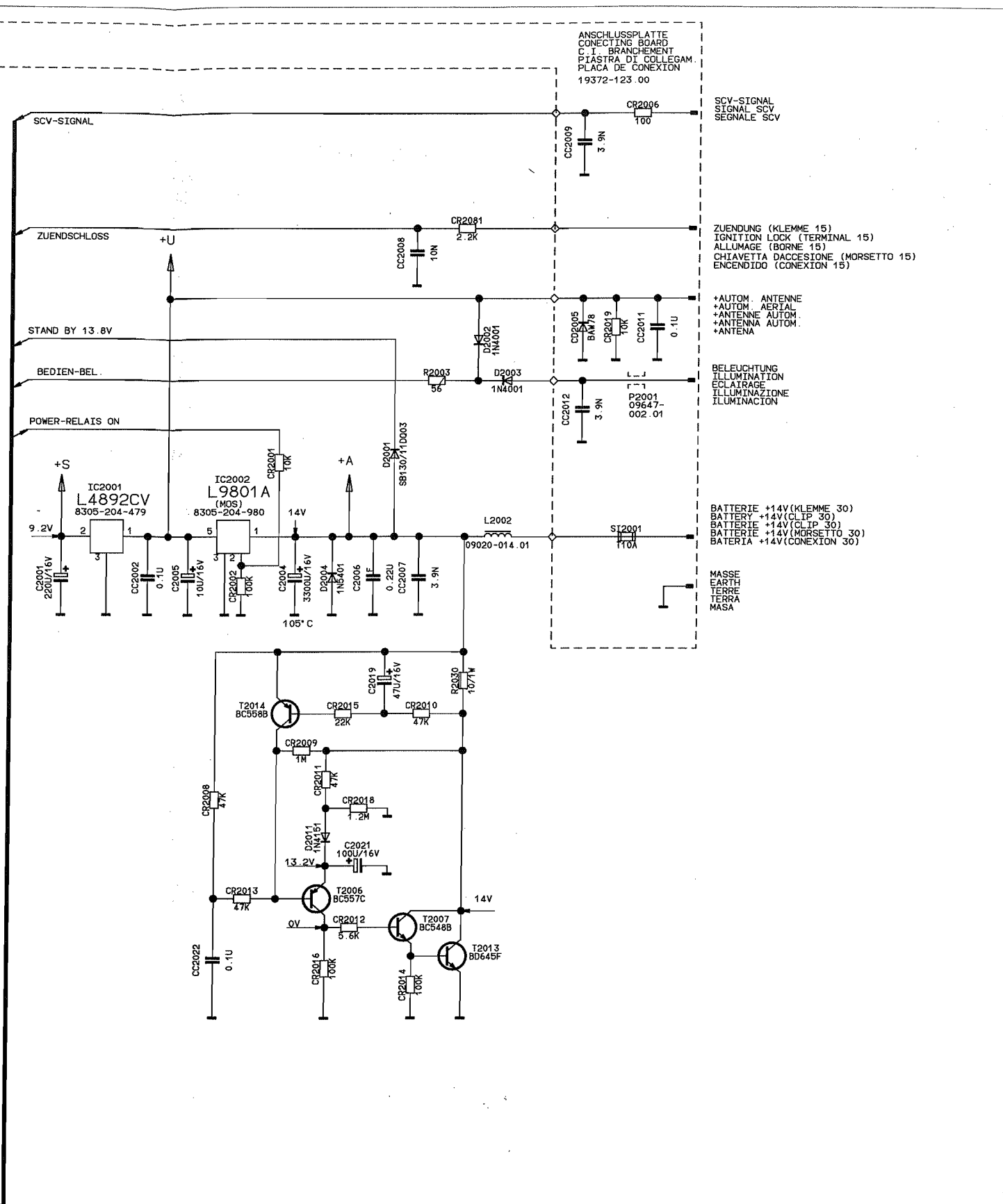
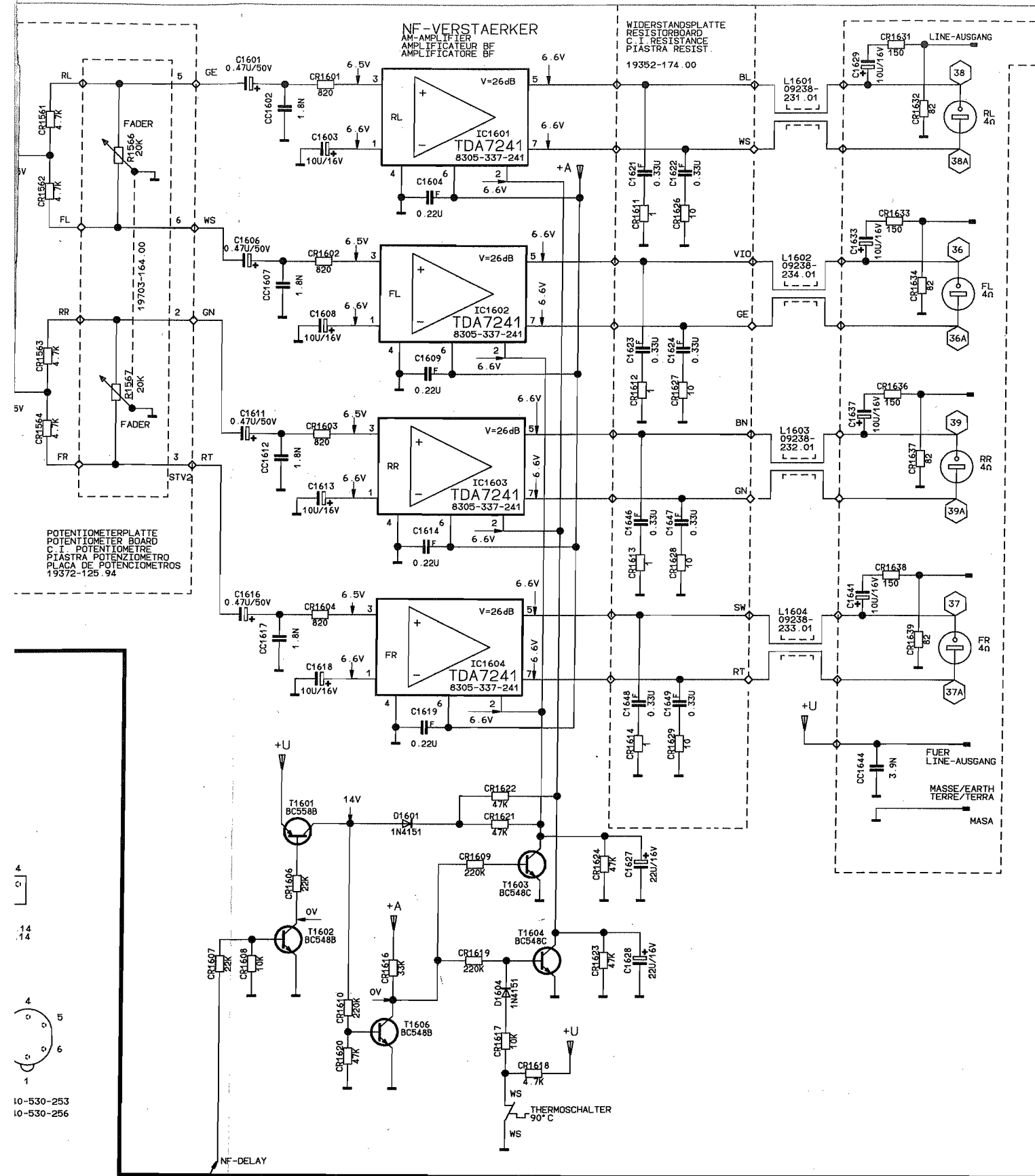
MIT SIGNAL U (MONO) 94MHZ/1MV, F MOD=1KHZ, HUB 22.5KHZ
 WITH SIGNAL U (MONO) 94MHZ/1MV, F MOD=1KHZ, DEVIATION 22.5 KHZ
 AVEC SIGNAL U (MONO) 94MHZ/1MV, F MOD=1KHZ, EXCURSION 22.5 KHZ
 CON SEGNALE U (MONO) 94MHZ/1MV, F MOD=1KHZ, DEVIATION 22.5 KHZ

MIT SIGNAL U (VF) MIT BEREICHSKENNUNG 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 BEREICHSKENNUNG, SENDERKENNUNG UND DURCHSAGEKENNUNG
 WITH SIGNAL U (TRAFFIC RADIO) 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



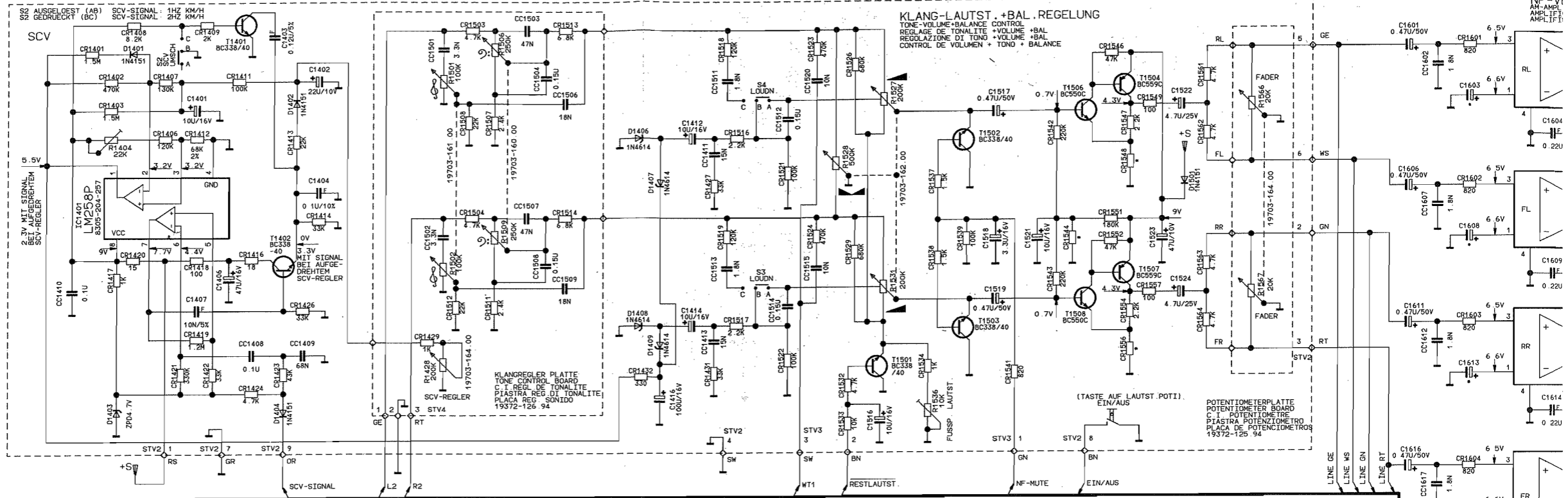
MESSPUNKTE
 MEASURING POINTS
 ABGLEICHPUNKTE
 ALIGNMENT POINTS



36 36A 37 37A 38 38A 39 39A

GRUNDIG
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Bei 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, DEVIAZIONE 22.5 KHZ

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

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

KONDENSATOR/CAPACITOR
CONDENSATEUR/CONDENSATORE/CONDENSADOR

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

* DIESE BAUTEILE SIND ABHAENIG VON DER VERWENDETEN ENDSTUFE.

	TDA 7241 (V=26dB) 8305-337-241	TDA 7241 B (V=32dB) 8305-347-241
CR1544	18K	22K
CR1548	150	270
CR1556	150	270
C1603	100U/16V	100U/16V
C1608	100U/16V	100U/16V
C1613	100U/16V	100U/16V
C1618	100U/16V	100U/16V
CR6006	680	270
CR6016	680	270
CR6026	680	270
CR6036	680	270
CR6042	1K	390
L1601-L1604	DIE RINGKERNE MUESSEN EINGEBAUT SEIN!	DIE RINGKERNE SIND NICHT NOETIG.

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/-RESISTANCE/-RESISTENZA
CD-CHIP-DIODE
CT-CHIP-TRANSISTOR
CL-CHIP-SPULE/-COIL/-BOBINE/-BOBINA
CR/O-JUMPER

SW= SCHWARZ
BLACK
NOIR
NERO
NEGRO

BN= BRAUN
BROWN
BRUN
MARRONE
MARRON

RT= ROT
RED
ROUGE
ROSSO
ROSSO

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

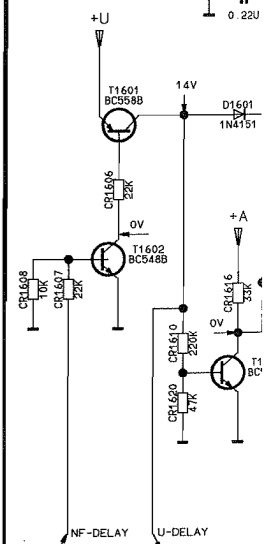
WS= WEISS
WHITE
BLANC
BIANCO

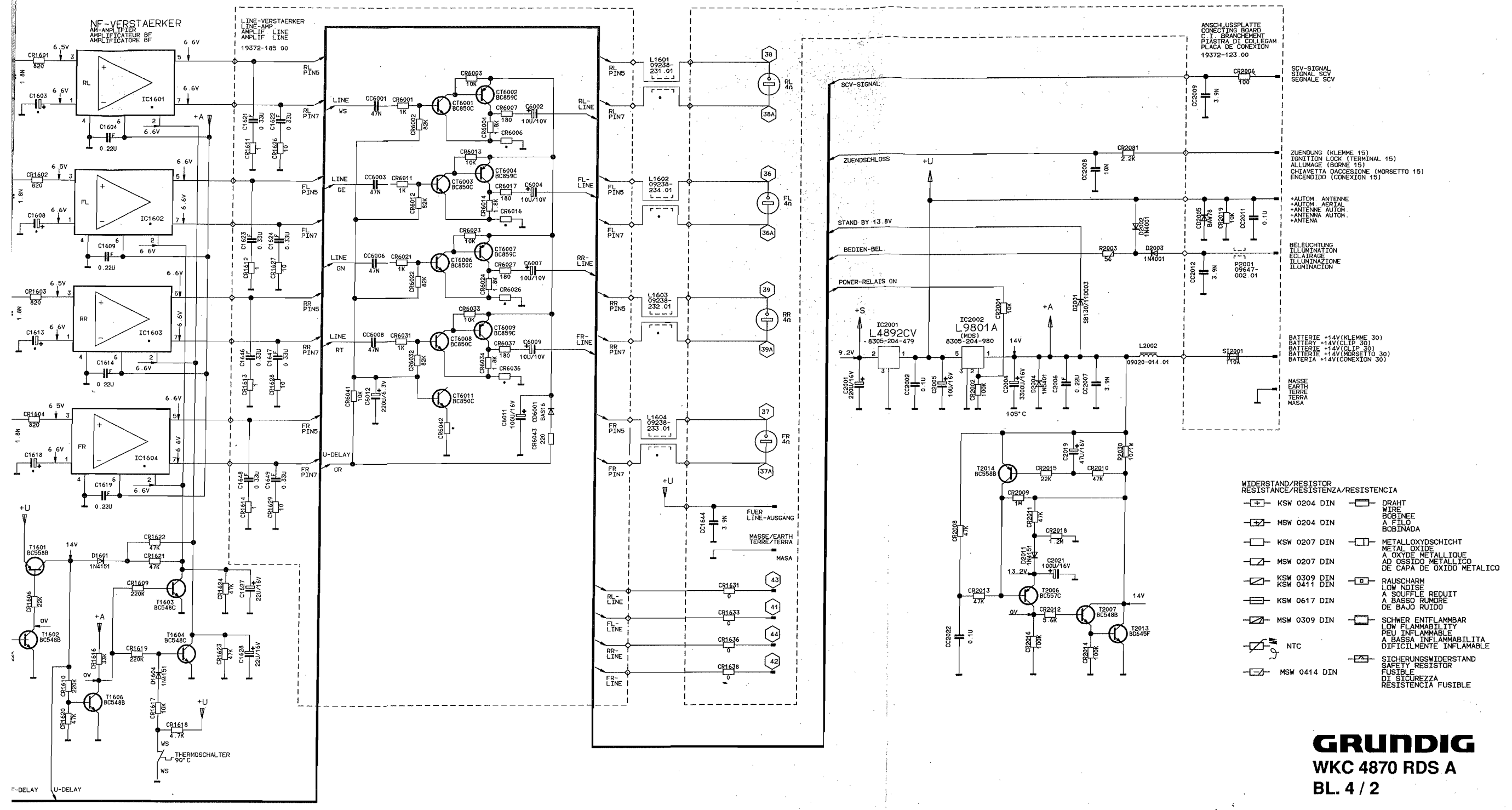
RS= ROSA
PINK
ROSE

OR= ORANGE
ARANCIONE
NARANJA

NF= NATURFARBEN
NATURAL COLOUR
COULEUR NATURELLE
COLORI NATURALI
COLOR NATURAL

MESSPUNKTE
MEASURING POINTS
ABGLEICHPUNKTE
ALIGNMENT POINTS





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BL. 4 / 2

Endstufen mit Lineverstärker

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

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Änderungen vorbehalten
Subject to alteration
Sous réserve de modifications ultérieures
Con riserva di modifiche
Reservado el derecho de modificación

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