

G0204 DIG SERVICE MANUAL

HIFI

© Btx ★ 32700 #

Service Manual

Sach-Nr./Part No.
72010-746.95

Zusätzlicherfor-
derliche Unterlagen
für den
Komplettservice:

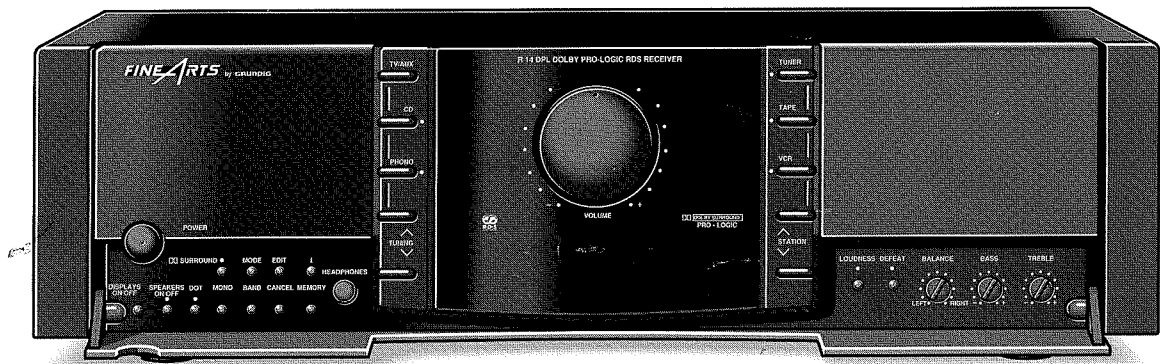
Additionally
required Service
Manuals for the
Complete Service:

Service Manual

Sicherheit
Safety

Sach-Nr./Part No.
72010-800.00

R 6884 R 14 DPL

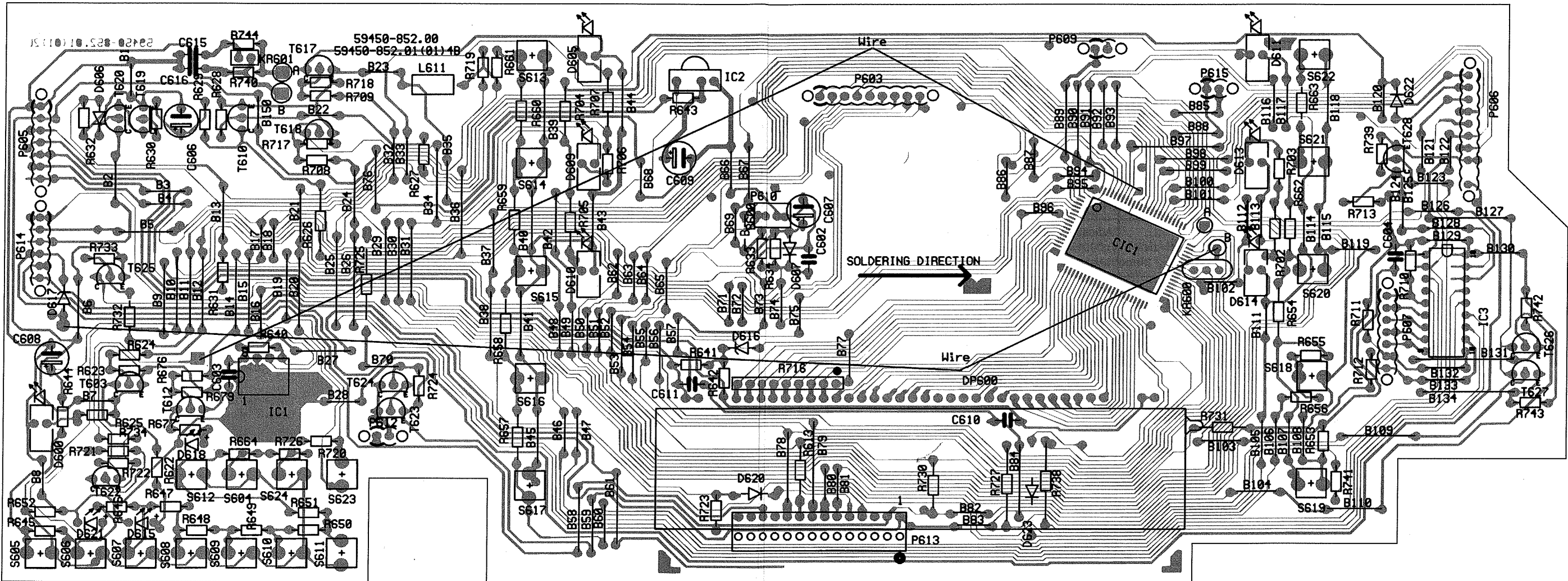


FINEARTS by GRUNDIG

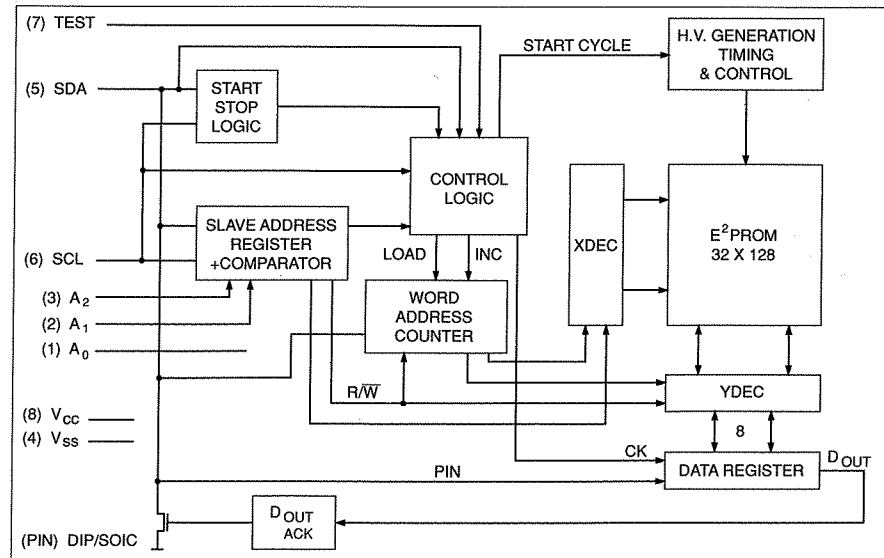
R 14 DPL (9.55346-8151 / G.LE 09-51)

Schaltpläne und Druckplattenabbildungen / Circuit Diagrams and Layout of PCBs

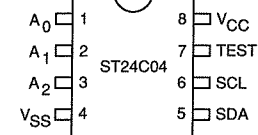
Bedienteil Control Board



ST24C04



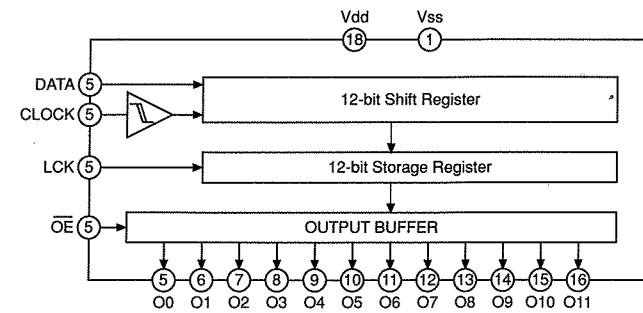
DIP/SOIC



PIN NAMES

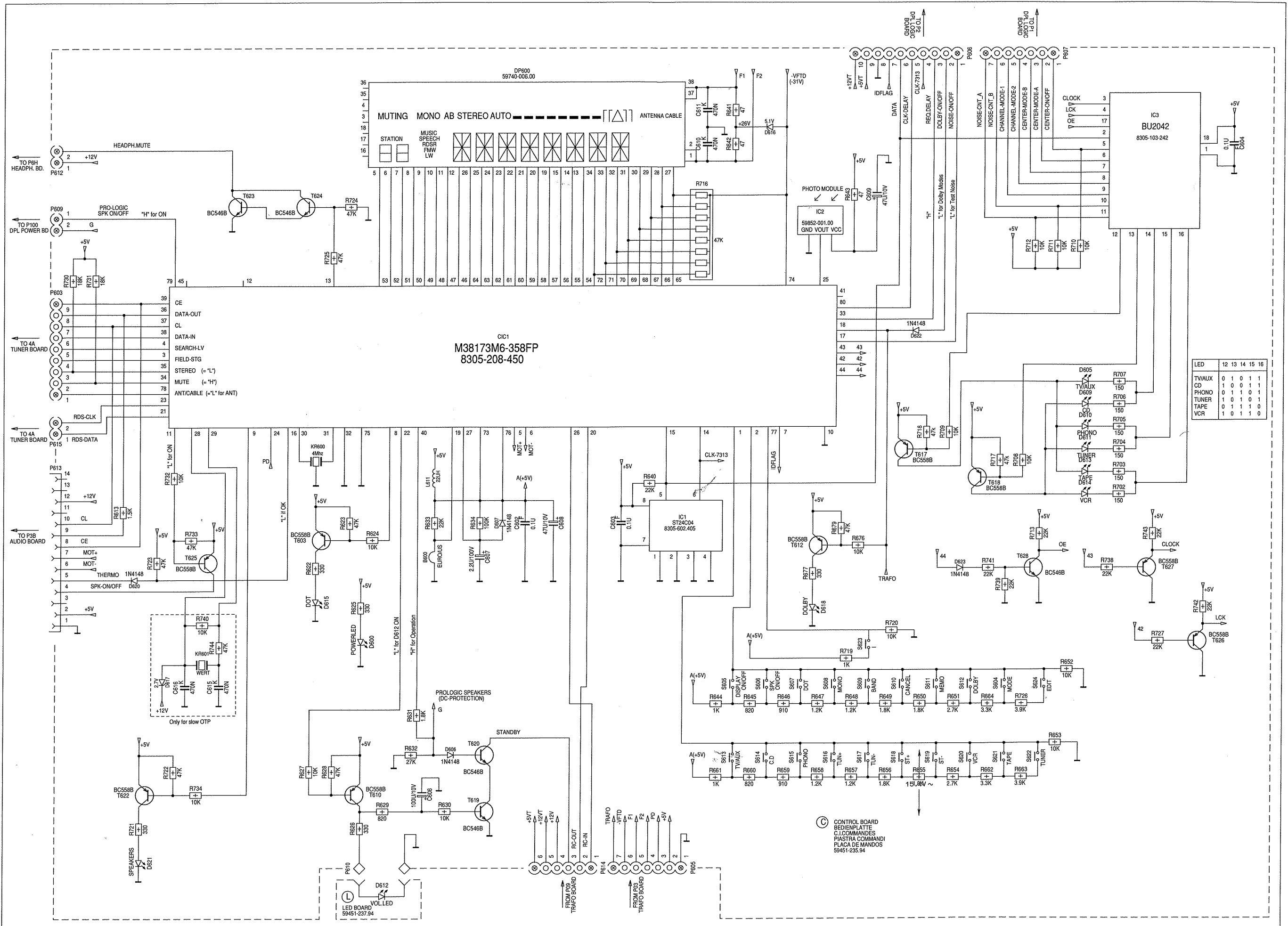
A ₀ -A ₂	Address Inputs
SDA	Serial Data
SCL	Serial Clock
TEST	Hold at VSS
VSS	Ground
VCC	Supply Voltage
NC	No Connect

BU2042

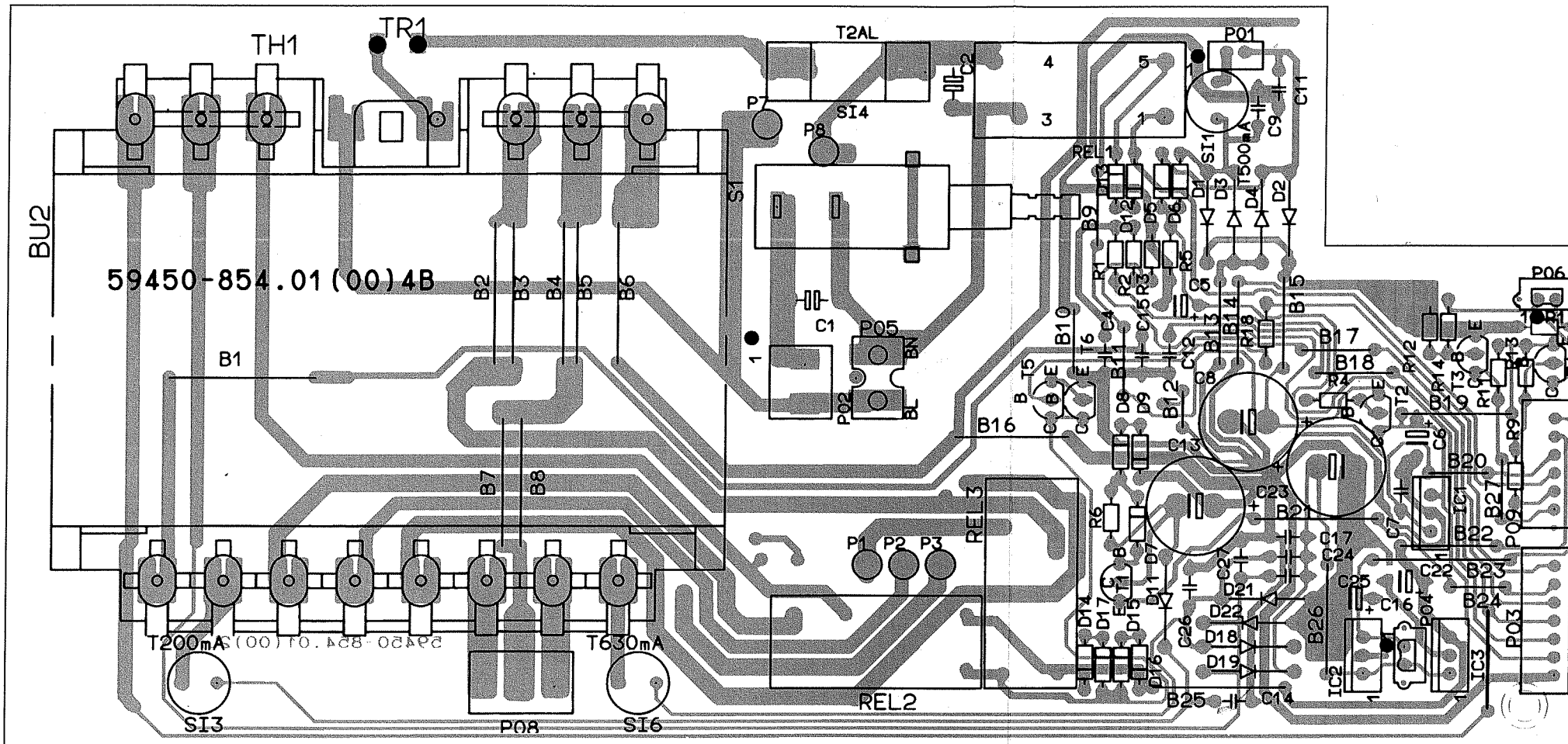


INPUT				FUNCTION
CLOCK	DATA	LCK	OE	
X	X	X	H	All Outputs HIGH
X	X	X	L	Storage Register Outputs enabled
J	L/H	X	X	DATA transferred to Shift Register
∅	X	X	X	Shift Register unchanged
X	X	J	X	Shift Register Data to Storage Register
X	X	∅	X	Storage Register unchanged

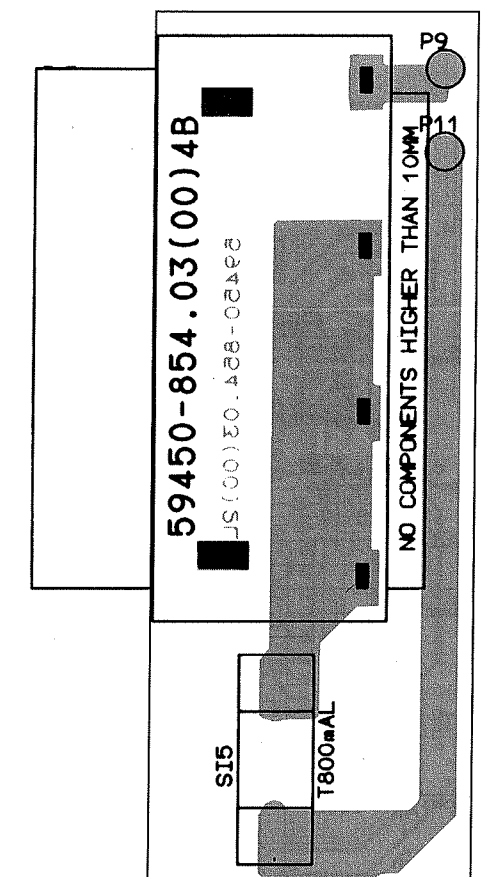
Bedienteil / Control Board



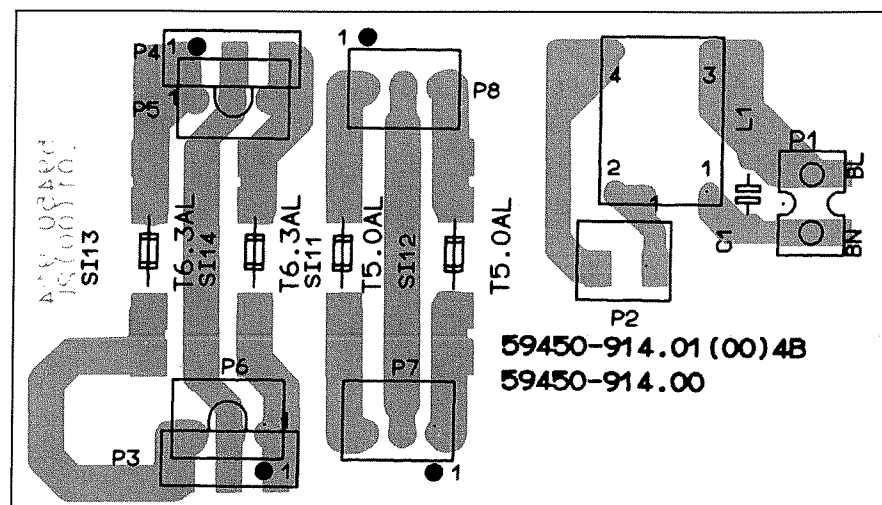
Trafoplatte
Trafo Board



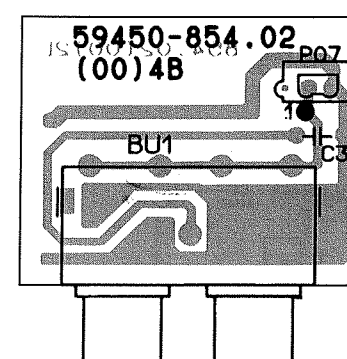
AC-Outlet-Platte
AC Outlet Board



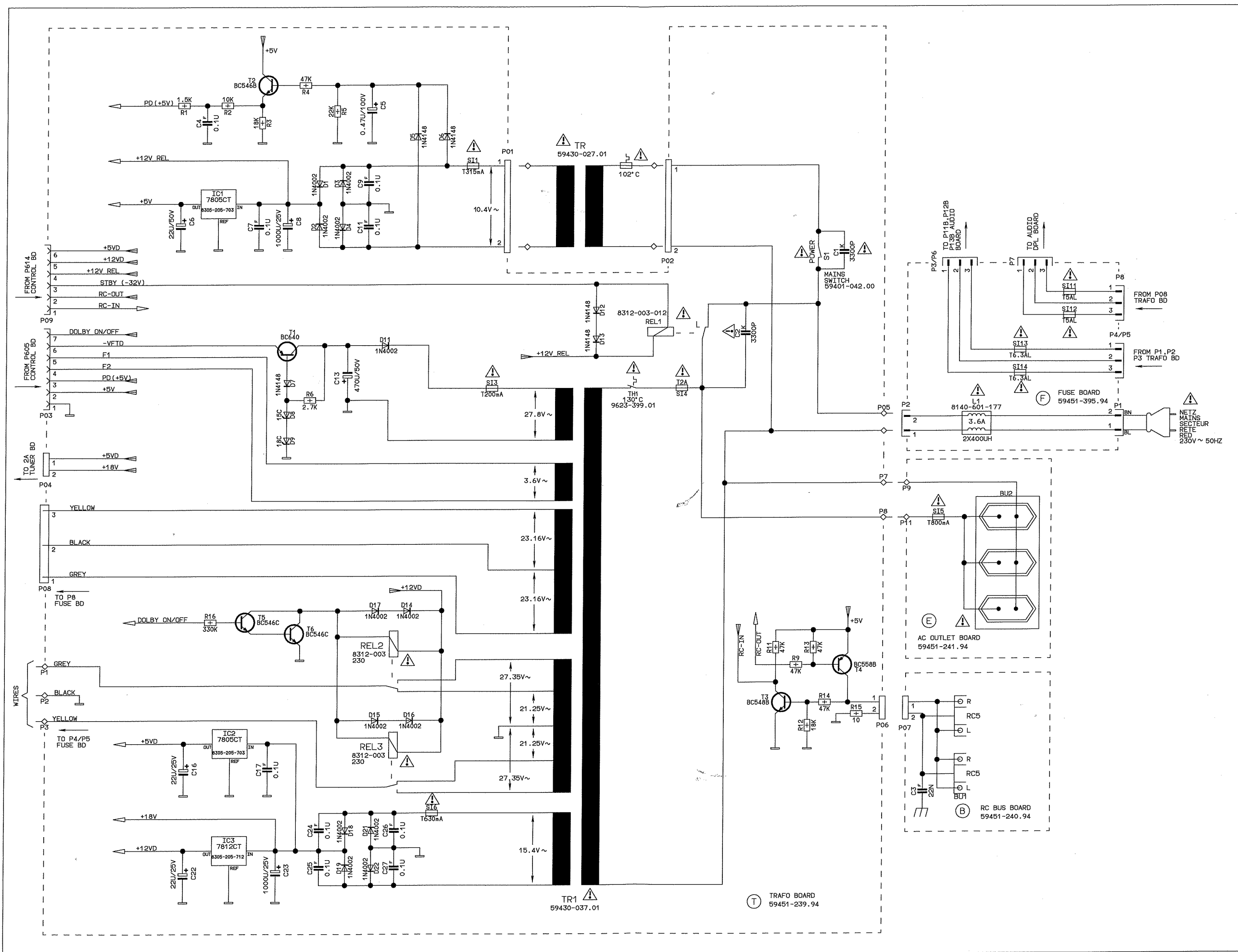
Sicherungsplatte
Fuse Board



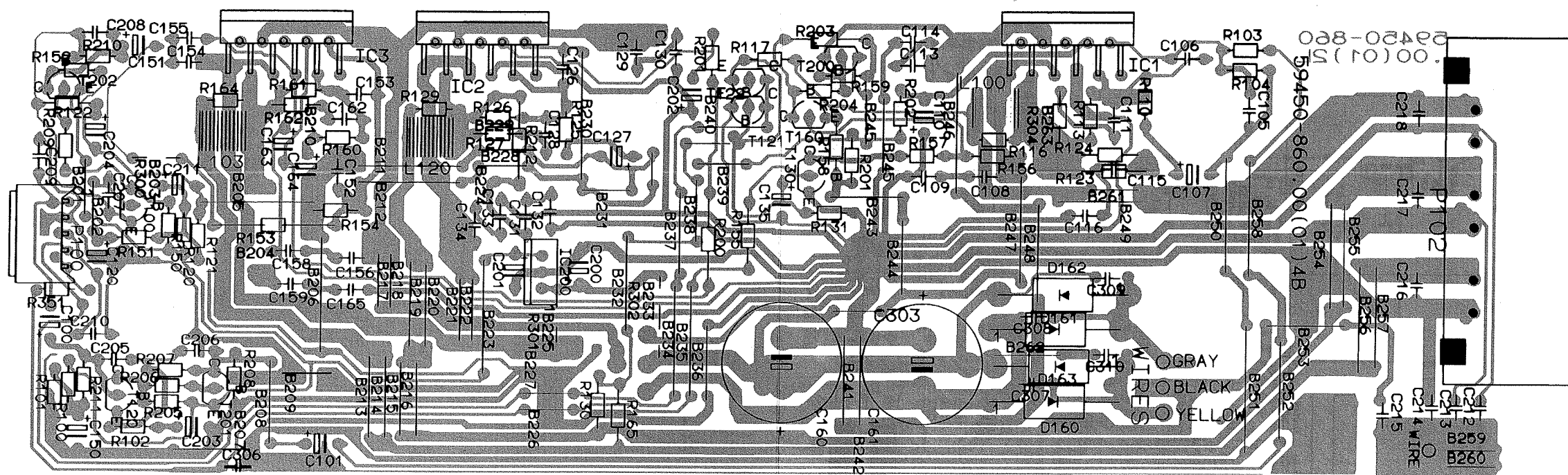
RC-Bus-Platte
RC Bus Board



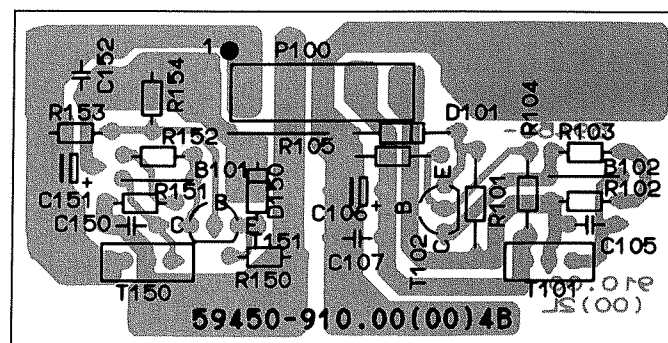
Trafo-, Sicherungs-, RC-Bus-, AC-Outlet-Platte / Trafo Board, Fuse Board, RC Bus Board, AC Outlet Board



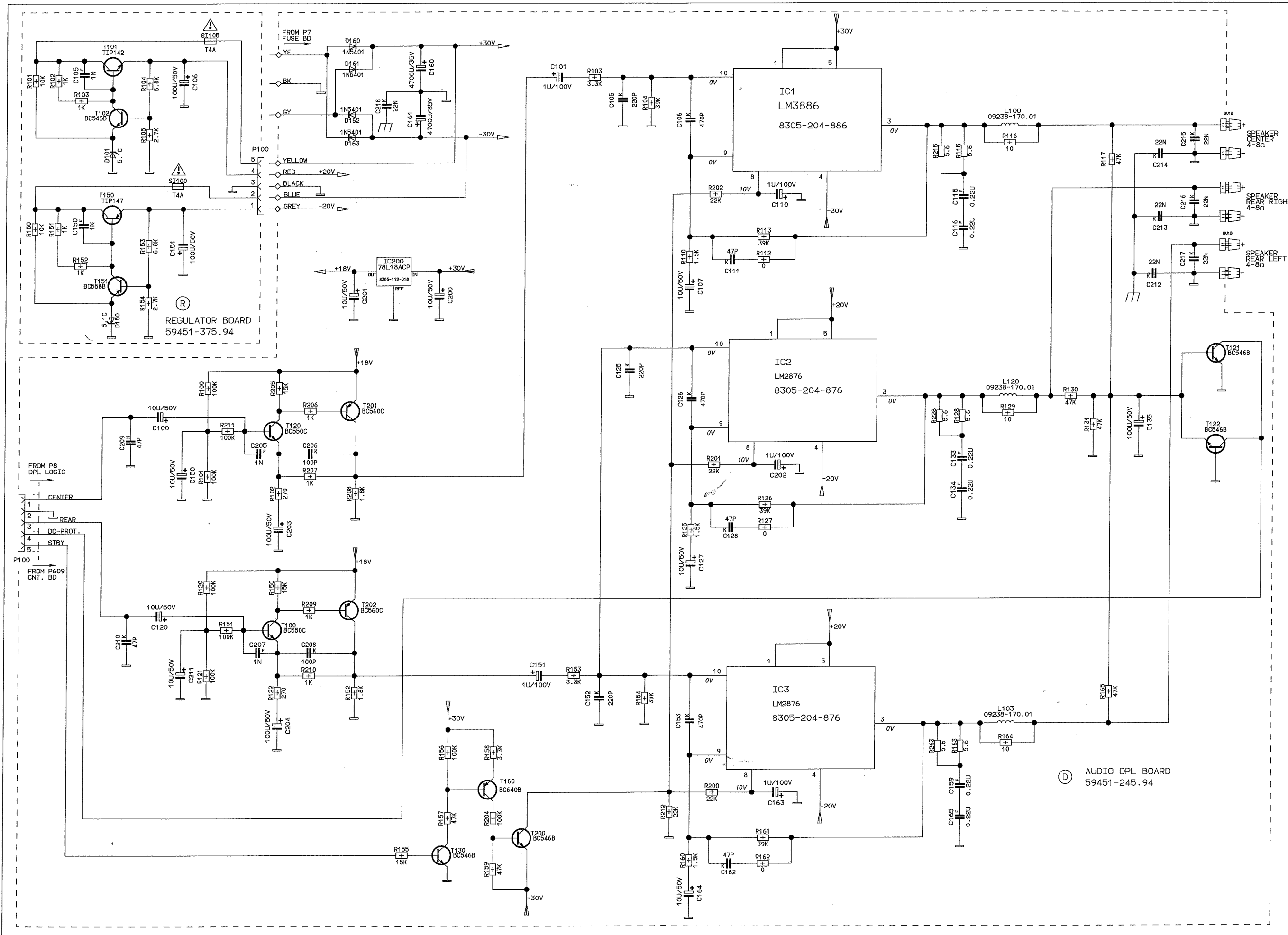
Audio-DPL-Platte
Audio DPL Board



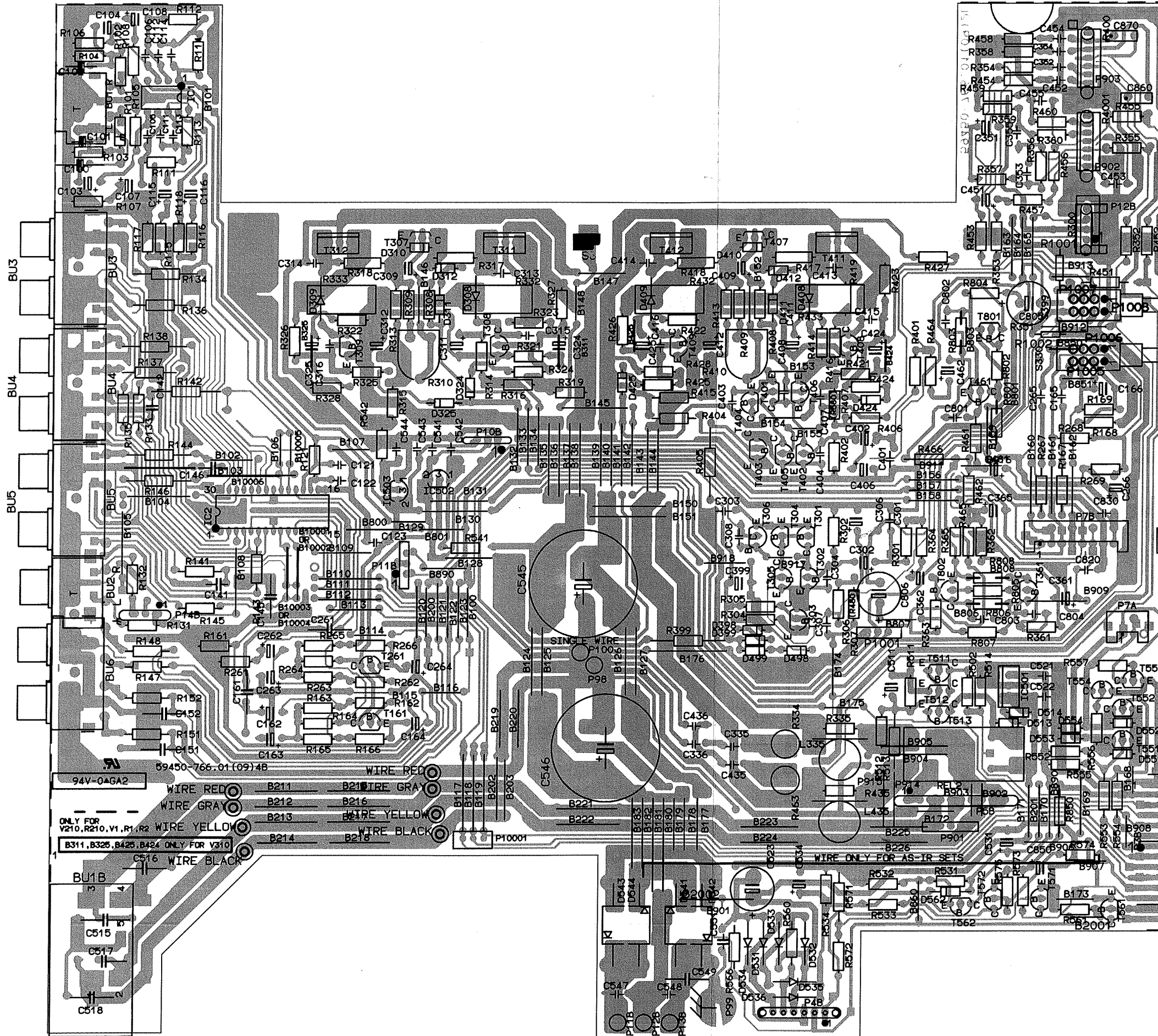
Reglerplatte
Regulator Board



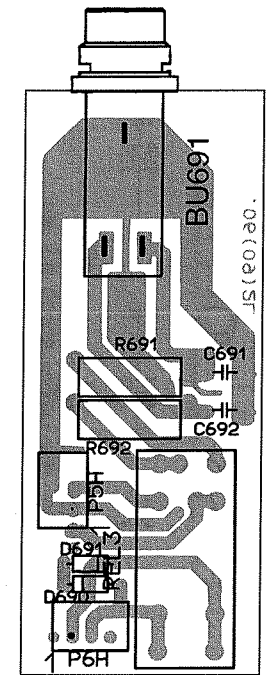
Audio-DPL-Platte, Reglerplatte / Audio DPL Board, Regulator Board



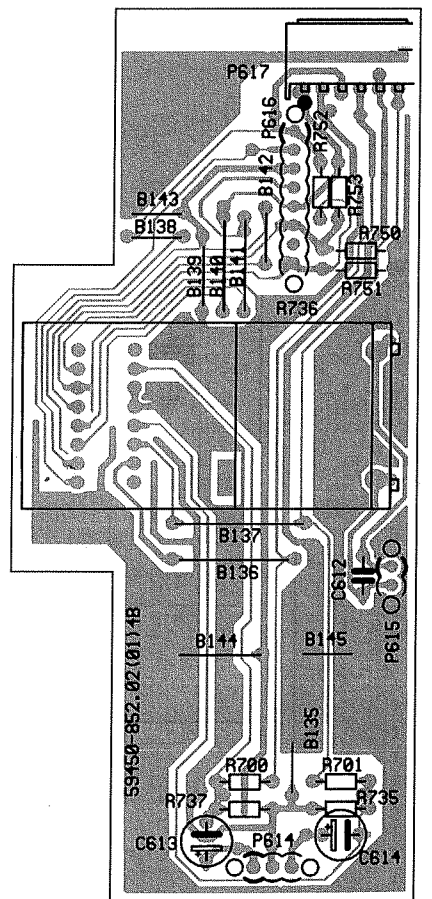
Audio-Platte
Audio Board



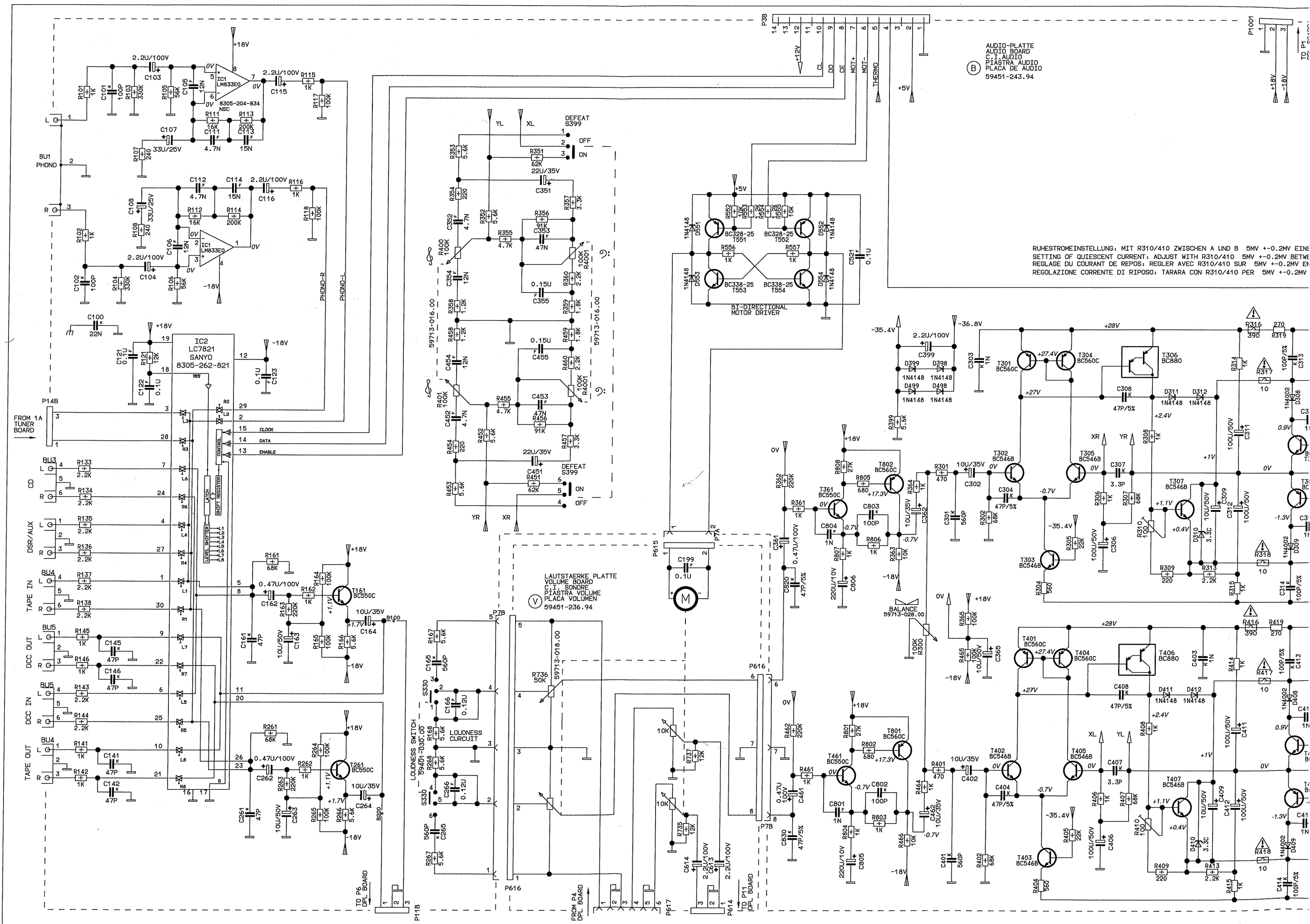
Kopfhörerplatte
Headphone Board



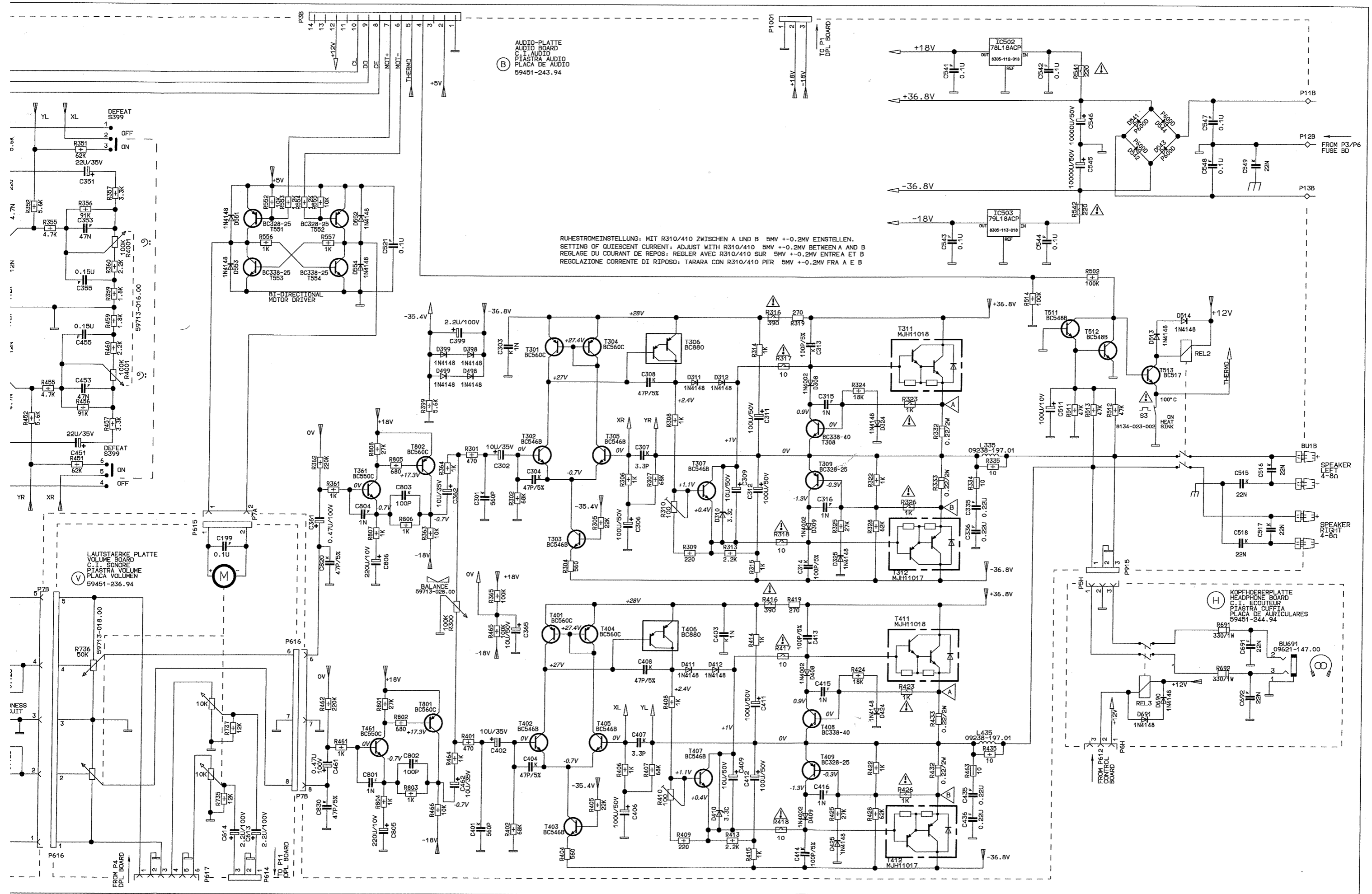
Lautstärkeplatte
Volume Board



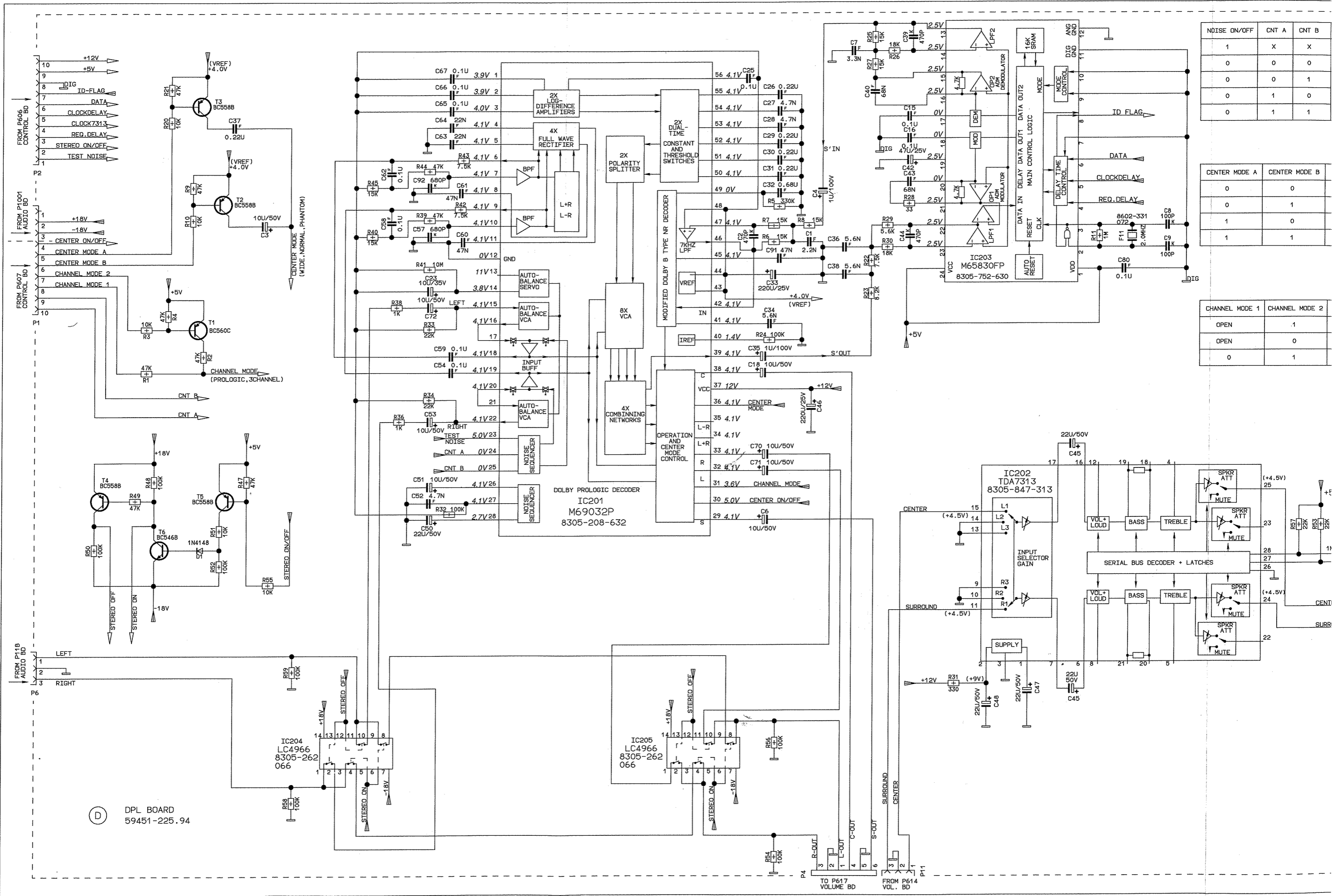
Audio-Platte, Lautstärkeplatte, Kopfhörerplatte / Audio Board, Volume Board, Headphone Board



Headphone Board



DPL-Platte / DPL Board

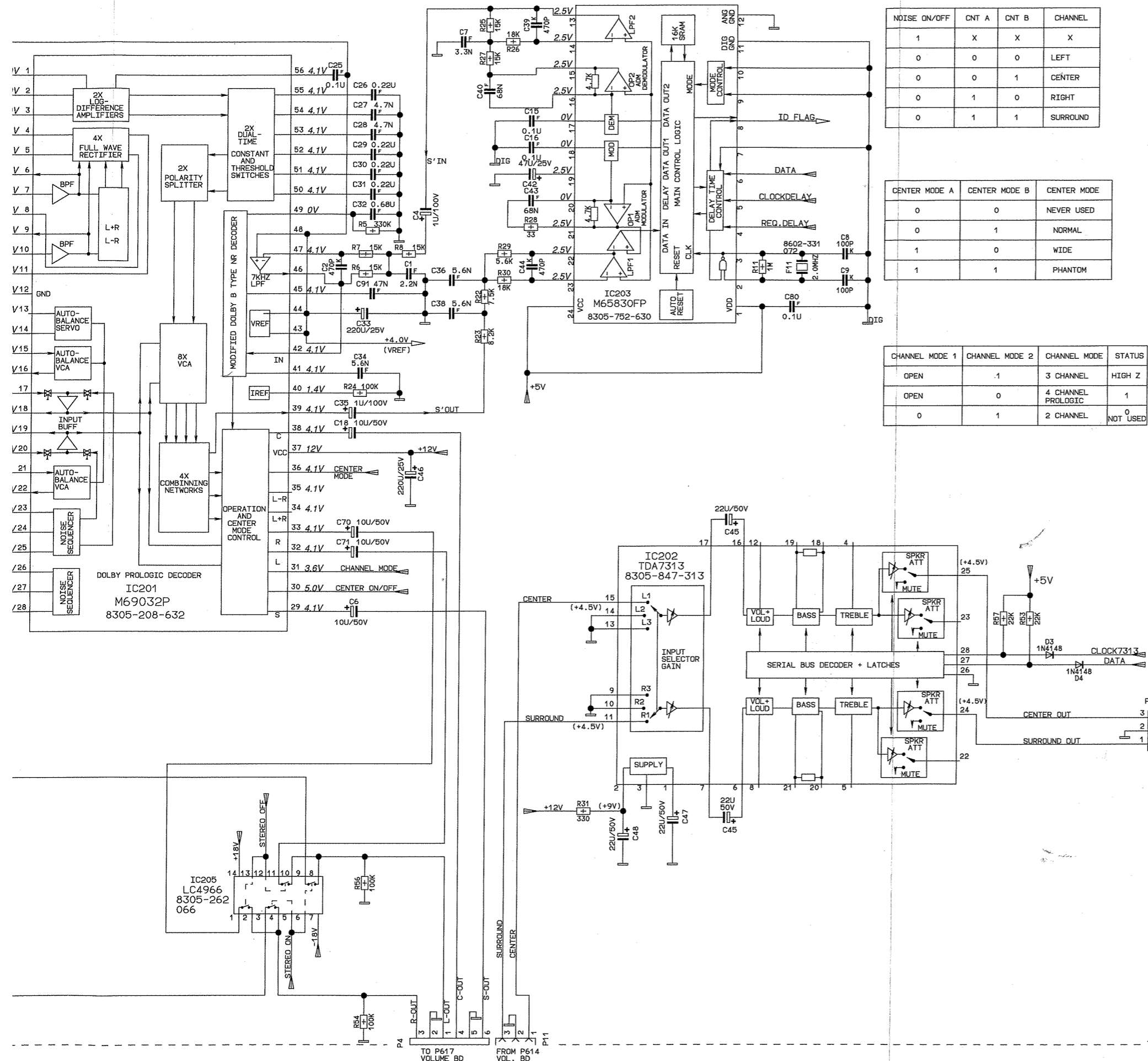


NOISE ON/OFF	CNT A	CNT B
1	X	X
0	0	0
0	0	1
0	1	0
0	1	1

CENTER MODE A	CENTER MODE B
0	0
0	1
1	0
1	1

CHANNEL MODE 1	CHANNEL MODE 2
OPEN	.1
OPEN	0
0	1

D DPL BOARD
59451-225.94



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

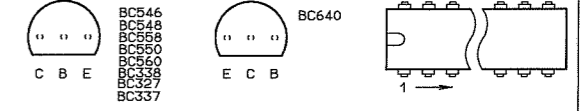
- WIDERSTAND/RESISTOR
RESISTANCE/RESISTENZA/RESISTENCIA
- +— KSW 0204 DIN
 - MSW 0204 DIN
 - KSW 0207 DIN
 - MSW 0207 DIN
 - KSW 0309 DIN
 - MSW 0309 DIN
 - NTC
 - MSW 0414 DIN
 - DRAHT WIRE BOBINÉE A FÏL BOBINADA
 - METALLOXYDSCHICHT METAL OXIDE AD OXYDE METALLIQUE AD OSSIDO METALLICO DE CAPA DE OXIDO METALICO
 - RAUSCHARM LOW NOISE A SOUFFLE REDUIT A BASSO RUMORE DE BAJO RUIDO
 - SCHWER ENTLAMMBAR LOW FLAMMABILITY PEU INFLAMMABLE A BASSA INFLAMABILITA DIFFICILMENTE INFLAMMABLE
 - SICHERUNGSWIDERSTAND SAFETY RESISTOR FUSIBILE DI SICUREZZA RESISTENCIA FUSIBLE
 - ELKO ELECTROLYTIC CONDENSATEUR/CONDENSATORE/CONDENSADOR
 - TANTALUM ELKO ELECTROLYTIC CONDENSATEUR/CONDENSATORE/CONDENSADOR
 - FOLIE FOIL A FEUILLE A FOLIA DELAMINA
 - KERAMIK CERAMIC A OXYDE METALLIQUE AD OSSIDO METALLICO DE CAPA DE OXIDO METALICO CERAMICO
 - GLIMMER MICA AU MICA DE MICA
 - VIELSCHICHT MULTILAYER A COUCHES MULTIPLES A PIU' STRATI MULTICA
 - POLYPROPYLEN DE POLIPROPILENO (KS-KP)

NOISE ON/OFF	CNT A	CNT B	CHANNEL
1	X	X	X
0	0	0	LEFT
0	0	1	CENTER
0	1	0	RIGHT
0	1	1	SURROUND

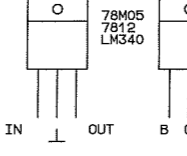
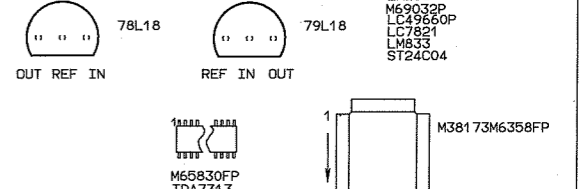
CENTER MODE A	CENTER MODE B	CENTER MODE
0	0	NEVER USED
0	1	NORMAL
1	0	WIDE
1	1	PHANTOM

CHANNEL MODE 1	CHANNEL MODE 2	CHANNEL MODE	STATUS
OPEN	.1	3 CHANNEL	HIGH Z
OPEN	0	4 CHANNEL PROLOGIC	1
0	1	2 CHANNEL	NOT USED

VON OBEN GESEHEN
TOP VIEW
VUE DE HAUT
VISTA DA SOPRA
VISTO DESDE ARRIBA



SEITENANSICHT
FRONT VIEW
VUE DE FACE
VISTA DI FRONTE
VISTO DEL FRENTE

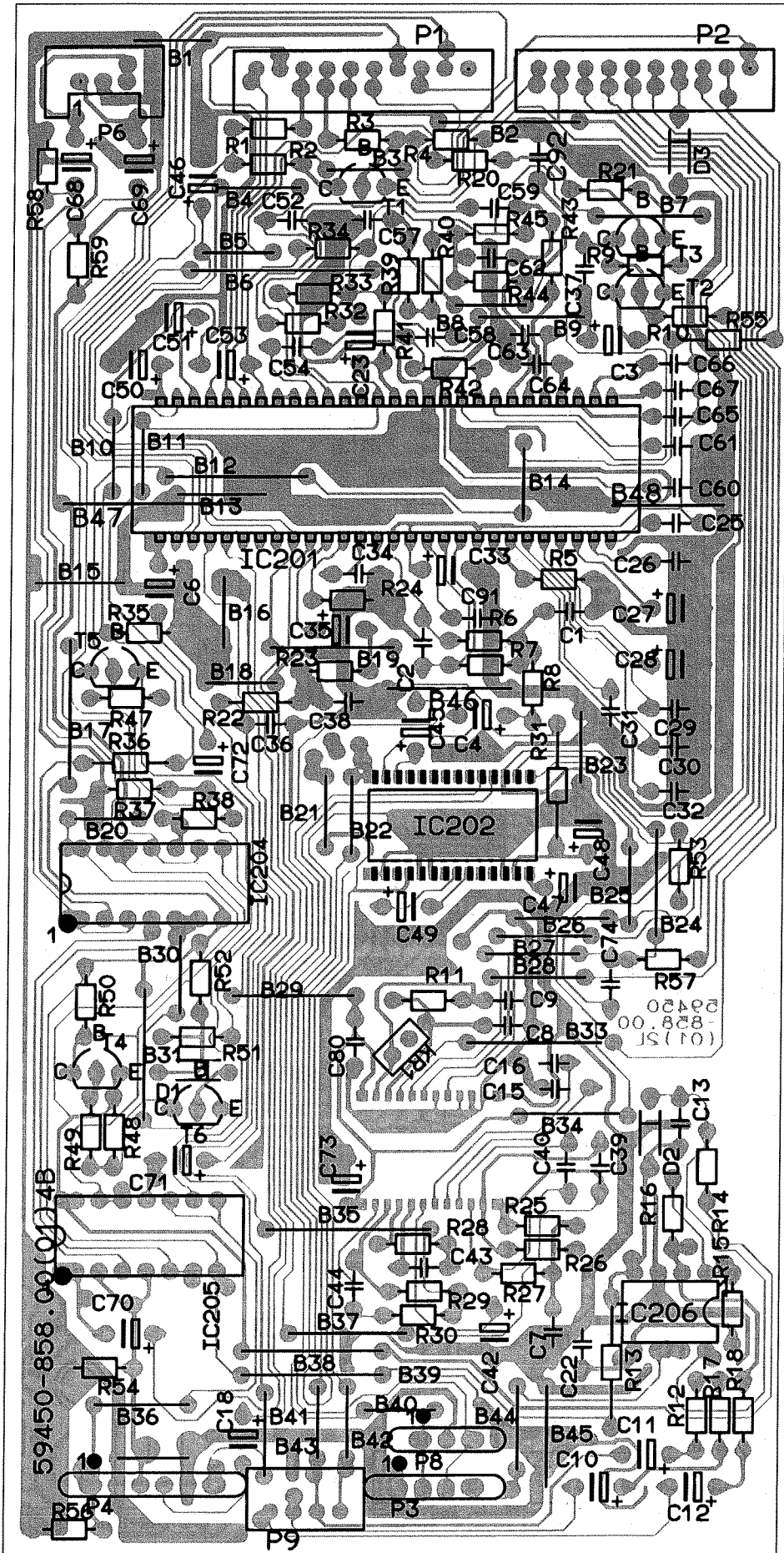


ACHTUNG!
VORSCHRIFTEN BEIM UMGANG MIT MOS-BAUTEILEN BEACHTEN!
ATTENTION!
OBSERVE MOS COMPONENTS HANDLING INSTRUCTIONS WHEN SERVICING!
ATTENZIONE!
LORS DE LA MANIPULATION DES CIRCUITS MOS, RESPECTER LES PRESCRIPTIONS MOS!
ATTENZIONE!
OSSERVARE LE RELATIVE PRESCRIZIONI DURANTE I LAVORI CON COMPONENTI MOS!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

- ⚠ FÜR DIE GERÄTESICHERHEIT ABSOLUT NOTWENDIG UND ENTSPRECHEND DEN RICHTLINIEN DES VDE BZW. IEC, IM ERSAATZFALL DURFEN NUR BAUTEILE MIT GLEICHER SPEZIFIKATION VERWENDET WERDEN.
- ⚠ ABSOLUTELY NECESSARY FOR THE SAFETY OF THE SET, THESE COMPONENTS MEET THE SAFETY REQUIREMENTS ACCORDING TO VDE OR IEC, RESP. AND MUST BE REPLACED BY PARTS OF SAME SPECIFICATION ONLY.
- ⚠ ABSOLUMENT NECESSAIRE POUR LA SECURITE DE L'APPAREIL ET CONFORME AUX REGULATIONS VDE ET IEC, EN CAS DE REMPLACEMENT, N'UTILISER QUE DES COMPOSANTS AVEC LES MEMES SPECIFICATIONS.
- ⚠ NECESSARI PER LA SICUREZZA DELL' APPARECCHIO E SONO CONFORMI ALLE NORMI DI SICUREZZA VDE E IEC, IN CASO DI SOSTITUZIONE IMPIEGARE QUINDI SOLTANTO PEZZI IN RICAMBIO ORIGINALI.
- ⚠ ABSOLUTAMENTE NECESARIO PARA LA SEGURIDAD DEL APARATO Y DE ACUERDO CON LAS NORMAS DE SEGURIDAD VDE O IEC, EN CASO DE SUSTITUCION SUSTITUCION SOLO DEBEN EMPLEARSE COMPONENTES CON LA MISMA ESPECIFICACION.

SPANNUNGEN MIT VOLTMETR (RI=10M Ω), FALLS NICHT ANDERS ANGEGEBEN, GEGEN MASSE GEMESSEN, MESSWERTE GELTEN BEI 230V NETZSPANNUNG.
IF NOT OTHERWISE INDICATED ALL VOLTAGES ARE MEASURED AGAINST CHASSIS WITH A VOLTMETRE (RI=10M Ω). THE VALUES ARE VALID FOR 230V AC MAINS VOLTAGES.
SAUF INDICATION CONTRAIRE, LES TENSIONS SONT MESUREES PAR RAPPORT AU CHASSIS AVEC UN VOLTMETRE (RI=10M Ω). LES VALEURS SONT VALABLES POUR UNE TENSION SECTEUR DE 230V CA.
TENSIONI MISURATE CON VOLTMETRO (RI=10M Ω), SALVE ALTRE INDICAZIONI, RIFERITE A MASSA, I VALORI DI MISURA VALGONO CON TENSIONE DI RETE DI 230V.
LAS TENSIONES, SIEMPRE QUE NO SE INDIQUE OTRA COSA, SE MIDEN CON RESPECTO A MASA CON VOLTMETRO (RI=10M Ω). LOS VALORES DE MEDIDA SON VALIDOS CON 230V DE TENSION DE RED.

DPL-Platte
DPL Board



Tuner

