THOMSON MULTI MEDIA

Brandt FERGUSON SABA TELEFUNKEN THOMSON

AUDIO

# SERVICE MANUAL
# DOCUMENTATION TECHNIQUE
# TECHNISCHE DOKUMENTATION
# DOCUMENTAZIONE TECNICA
# DOCUMENTACION TECNICA

## THOMSON DPL 800VD

Version (PC*): A

*PC: The version code is indicated either in the battery compartment or on the back of the unit - ce code version est indiqué dans le compartiment à piles ou au dos de l'appareil - PC: Version des Geräts wird im Batteriefach oder auf der Rückseite angegeben - il codice della versione è indicado nello scompartimento delle batterie o sul retro dell'apparecchio - el código de la versión está indicado en el compartimento de las pilas o en la parte trasera del aparato.

## Technical data - Caractéristiques principales
## Technische Daten - Dati tecnici - Caracteristicas del aparato

| | | | |
|---|---|---|---|
| **Type of set :**<br>**Type d'appareil :**<br>**Geräteart :**<br>**Tipo d'apparecchio :**<br>**Tipo de aparato :** | Stereo pre-main amplifier - DVD<br>Préampli-ampli stéréophonique - DVD<br>Stéreo-Vollverstärker - DVD<br>Preamplificatore-amplificatore stereo -DVD<br>Préamplificador-amplificador estereo -DVD | 430 mm 160 mm 430 mm 12 kg | |
| **Power supply :**<br>**Alimentation :**<br>**Stromversorgung :**<br>**Alimentazione :**<br>**Alimentación :** | ~ 230 V - 50Hz | **Nominal output power :**<br>**Puissance nominale de sortie :**<br>**Nennausgangsleistung :**<br>**Potenza nominale di uscita :**<br>**Potencia nominal de salida :** | 5 x 50 W (RMS) |
| **FM - MF :**<br>**MW - PO :**<br>**LW - GO :** | 87,5 - 108 MHz<br>522 - 1620 kHz<br>153 - 279 kHz | **Sensitivity :**<br>**Sensibilité :**<br>**Empfindlichkeit :**<br>**Sensibilità :**<br>**Sensibilidad :** | **FM - MF :** 6 µV (S/N = 26 dB)<br>**MW - PO :** 600 µV/m (S/N = 20 dB)<br>**LW - GO :** 1500 µV/m (S/N = 20 dB) |
| **Frequency response :**<br>**Courbe de réponse :**<br>**Frequenzgang :**<br>**Curva di risposta :**<br>**Curva de respuesta :** | Front amp 15Hz - 70 kHz<br>Rear amp 120Hz - 7kHz | **Signal to noise ratio :**<br>**Rapport signal / bruit :**<br>**Geräuschspannungsabstand :**<br>**Rapporto segnale / disturbo :**<br>**Relación señal / ruido :** | 65 dB (1kHz) |
| **Total harmonic distorsion :**<br>**Distorsion harmonique :**<br>**Klirrfaktor :**<br>**Distorsione armonica :**<br>**Distorsión armónica :** | 0,2 % (-6 dB 1kHz) | **Stereo separation :**<br>**Diaphonie :**<br>**Übersprechdämpfung :**<br>**Diafonia :**<br>**Diafonía :** | 60 dB (1kHz) |
| **DVD**<br>**Standard :**<br>**Standard :**<br>**Norm :**<br>**Stantard :**<br>**Estandar :** | PAL and NTSC | **Signal to noise ratio :**<br>**Rapport signal / bruit :**<br>**Geräuschspannungsabstand :**<br>**Rapporto segnale / disturbo :**<br>**Relación señal / ruido :** | 65 dB |
| **Dynamic range :**<br>**Gamme dynamique :**<br>**Dynamikumfang :**<br>**Dinamica :**<br>**Dinámica :** | 60 dB | **Total harmonic distorsion :**<br>**Distorsion harmonique :**<br>**Klirrfaktor :**<br>**Distorsione armonica :**<br>**Distorsión armónica :** | < 0,3% |

**WARNING :** *Before servicing this chassis read the safety recommendations.*
**ATTENTION :** *Avant toute intervention sur ce châssis, lire les recommandations de sécurité.*
**ACHTUNG :** *Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.*
**ATTENZIONE :** *Prima di intervenire sullo chassis, leggere le norme di sicurezza.*
**IMPORTANTE :** *Antes de cualquier intervención, leer las recomendaciones de seguridad.*

**Code : 351 357 00** - 1100 / 3,2M - DRD1001 Print.

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Do not disconnect modules when they are energized!
Repairs on power supply section are to be carried out only with isolating transformer.

Ne pas retirer les modules lorsqu' ils sont sous tension. N'effectuer les travaux de maintenance sur la partie reliée au secteur (Switch Mode) qu'au travers d'un transformateur d'isolement.

Module nicht bei eingeschaltetem Gerät entfernen!
Servicearbeiten am Netzteil nur unter Verwendung eines Regeltrenntrafos durchführen.

Non scollegare le piastre quando sono alimentate!
Per le riparazioni sulla sezione alimentatore, utilizzare un trasformatore isolatore.

No desconectar los módulos cuando están activados. Las reparaciones en la sección de alimentación de energía deben ser ejecutadas solamente con un transformador de separación.

⚠ Indicates critical safety components, and identical components should be used for replacement. Only then can the operational safety be garanteed.

Le remplacement des éléments de sécurité (repérés avec le symbole ⚠ ) par des composants non homologués selon la Norme CEI 65 entraine la non-conformité de l'appareil. Dans ce cas, la responsabilité du fabricant n'est plus engagée.

Wenn Sicherheitsteile (mit dem Symbol ⚠ gekennzeichnet) nicht durch Original - Ersatzteile ersetzt werden, erlischt die Haftung des Herstellers.

La sostituzione dei componenti di sicurezza (evidenziati con il segno ⚠ ) con componenti non omologati secondo la norma CEI 65 comporta la non conformitá dell'apparecchio. In tal caso è "esclusa la responsabilità " del costruttore.

La sustitución de elementos de seguridad (marcados con el simbolo ⚠ ) por componentes no homologados segun la norma CEI 65, provoca la no conformidad del aparato. En ese caso, el fabricante cesa de ser responsable.

## MEASUREMENT CONDITIONS - CONDITIONS DE MESURES - MESSBEDINGUNGEN CONDIZIONI DI MISURA - CONDICIONES DE MEDIDAS

**RECEIVER** :
On UHF,input level : 1 mV, bar test pattern :
- PAL, I standard, 100% white.

Via the scart socket, input level : 1 Vpp, bar test pattern :

Colour, contrast and brightness at mid-position, sound at minimum.
Programme selected : PR 01.

DC voltages measured between the point and earth using a digital voltmeter.

**RECEPTEUR** :
En UHF, niveau d'entrée 1 mV mire de barres
- SECAM, Norm L, Blanc 100%.

Par la prise Péritélévision, niveau d'entrée 1 Vcc, mire de barres .

Couleur, contraste, lumière à mi-course, son minimum.
Programme affecté PR 01.

Tensions continues relevées par rapport à la masse avec un voltmètre numérique.

**EMPFÄNGER** :
Bei UHF Eingangspegel 1 mV, Farbbalken :
- PAL, Norm G, Weiss 100%.

Über die Scartbuchse : Eingangspegel 1 Vss, Farbbalken :

Farbe, Kontrast, Helligkeit in der Mitte des Bereichs, Ton auf Minimum.
Zugeordnetes Programm PR 01.

Gleichspannungen mit einem digitalen Voltmeter zur Masse gemessen.

**RICEVITORE** :
In UHF, livello d'entrata 1 mV, monoscopio barre :
- PAL, norma G. bianco 100%.

Via SCART, livello d'entrata 1 Vpp, monoscopio barre :

Colore, Contrasto, Luminositá media, Suono minimo.
Programma selezionato PR 01.

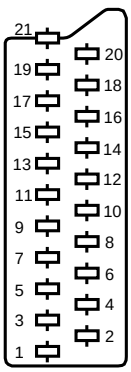
Tensioni continue rilevate rispetto alla massa con un voltmetro digitale.

**RECEPTOR** :
En UHF, nivel de entrada 1 mV, mira de barras :
- PAL, norma G, blanco 100%.

Por la toma Peritelevision, nivel de entrada 1 Vpp mira de barra.

Color, Contraste, luz a mitad de carrera, Sonido minimo.
Programa afectado PR 01.

Tensiones continuas marcadas en relacion a la masa con un voltimetro digital.




**NOTE :** MAIN *... etc. identifies each* pcb module.

**NOTE :** MAIN *... etc. repères des platines constituant l'appareil.*

**HINWEIS :** MAIN *... usw. Kennzeichnung der Platinen, aus denen das Gerät zusammengesetzt ist.*

**NOTA :** MAIN *... ecc. sigla delle piastre dell' apparecchio.*

**NOTA :** MAIN *... etc. marcas de las placas que constituyen el aparato.*

| | | ENGLISH | FRANÇAIS | DEUTSCH | ITALIANO | ESPAÑOL |
|---|---|---|---|---|---|---|
| 1 | → | AUDIO "R" | AUDIO "D" | AUDIO "R" | AUDIO "D" | AUDIO "D" |
| 2 | ⊕ | AUDIO "R" | AUDIO "D" | AUDIO "R" | AUDIO "D" | AUDIO "D" |
| 3 | → | AUDIO "L" | AUDIO "G" | AUDIO "L" | AUDIO "S" | AUDIO "I" |
| 4 | ⊥ | AUDIO | AUDIO | AUDIO | AUDIO | AUDIO |
| 5 | ⊥ | "BLUE" | "BLEU" | "BLAU" | "BLU" | "AZUL" |
| 6 | ⊕ | AUDIO "L" MONO | AUDIO "G" MONO | AUDIO "L" MONO | AUDIO "S" MONO | AUDIO "I" MONO |
| 7 | ⊕ | "BLUE" | "BLEU" | "BLAU" | BLU | AZUL |
| 8 | ⊕ | SLOW SWITCH | COMMUT. LENTE | AV UMSCHALTUNG | "COMMUTAZIONE LENTA" | "CONMUTACION LENTA" |
| 9 | ⊥ | "GREEN" | "VERT" | "GRÜN" | "VERDE" | "VERDE" |
| 10 | NC | | | | | |
| 11 | ⊕ | "GREEN" | "VERT" | "GRÜN" | "VERDE" | "VERDE" |
| 12 | NC | | | | | |
| 13 | ⊥ | "RED" | "ROUGE" | "ROT" | "ROSSO" | "ROJA" |
| 14 | NC | | | | | |
| 15 | ⊕ | "RED" | "ROUGE" | "ROT" | "ROSSO" | "ROJA" |
| 16 | ⊕ | FAST SWITCH | COMMUT. RAPIDE | AUSTASTUNG | "COMMUTAZIONE RAPIDA" | "CONMUTACION RAPIDA" |
| 17 | ⊥ | VIDEO | VIDEO | VIDEO | VIDEO | VIDEO |
| 18 | ⊥ | FAST SWITCH | COMMUT. RAPIDE | AUSTASTUNG | "COMMUTAZIONE RAPIDA" | "CONMUTACION RAPIDA" |
| 19 | → | VIDEO | VIDEO | VIDEO | VIDEO | VIDEO |
| 20 | ⊕ | VIDEO OR "SYNC" | VIDEO SYNCHRO | VIDEO ODER SYNCHRO | VIDEO O SINCRO | VIDEO O SINCRO |
| 21 | → | PLUG SCREEN BOX | BLINDAGE PRISE | ABSCHIRMUNG DES STECKERS | INVOLUCRO METAL-LICO DELLA PRESA | BLINDAJE DEL ENCHUFE |

⊕ : INPUT - ENTRÉE - EINGANG - ENTRATA - ENTRADA • → : OUTPUT - SORTIE - AUSGANG - USCITA - SALIDA • ⊥ : EARTH - MASSE - MASSE - MASSA - MASA

CLASS 1 LASER PRODUCT
APPAREIL A LASER DE CLASSE 1
LASER KLASSE 1
APARATO CON LASER DE CLASE 1
APPARECCHIO CON LASER DI CLASSE 1

| | |
|---|---|
| **DANGER :** | **Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.** |
| **ATTENTION :** | **Le rayon laser est invisible. Eviter l'exposition directe lors de la maintenance.** |
| **VORSICHT BEI REPARATUREN :** | **Bei geöffneter Schublade und Defekt der Sicherheits - vorrichtungen besteht die Gefahr unsichtbaren Laserlichts. Niemals direkt in den Laserstrahl sehen.** |
| **ATTENZIONE :** | **Il raggio laser è invisibile. Evitare l'esposizione diretta durante la manutenzione.** |
| **IMPORTANTE :** | **El rayo laser es invisible. Evitar la exposición directa en el momento del mantenimiento.** |

## PREVENTION OF ELECTRO STATIC DISCHARGE (ESD) TO ELECTROSTATICALLY SENSITIVE DEVICES (ESD)

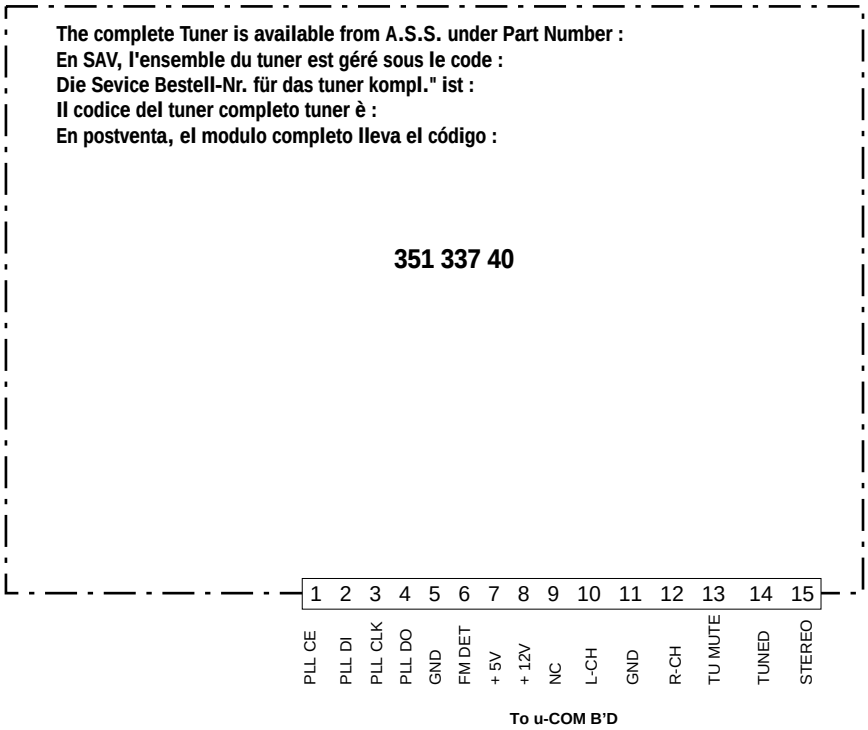
Some semiconductor (solid state) devices can be damaged easily by static electricity.
Such components commonly are called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors and semiconductor chip components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ESD devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ESD devices.
4. Use only an anti-static solder removal devices. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESD devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESD devices.
6. Do not remove a replacement ESD device from its protective package until immediately before your are ready to install it. (Most replacement ESD devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive materials).
7. Immediately before removing the protective materials from the leads of a replacement ESD device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   CAUTION : Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ESD devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ESD device).

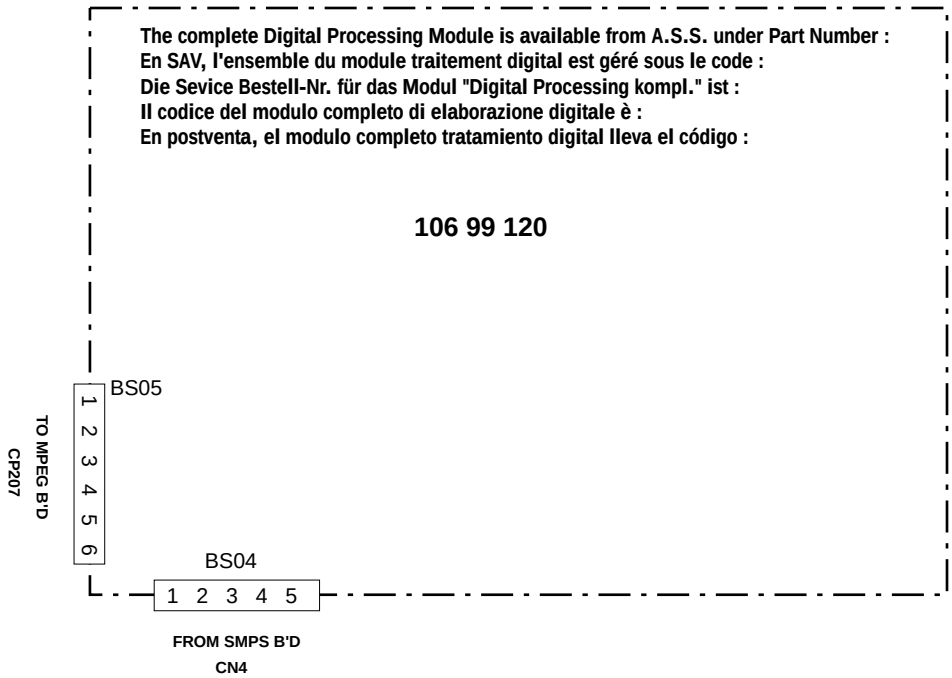
## IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety, these part are marked by ⚠ symbol on the schematic circuit diagrams and replacement part list. It is essential that these safety critical components are replaced with the manufacture's specified parts to prevent electric shock, fire, or other hazards. do not attempt to modify the original design without permission of the manufacturer.

## RF / FI SCHEMATIC DIAGRAM - SCHEMA HF / FI - HF / ZF SCHALTBILD SCHEMA HF / FI - ESQUEMA RF / FI




## DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL - SCHALTBILD DIGITALVERARBEITUNG - SCHEMA ELABORAZIONE DIGITALE - ESQUEMA DEL TRATAMIENTO DIGITAL



# ADJUSTMENT PROCEDURES

## Handling the optical pickup

The laser diode used in the optical pickup may break down due to potential differences caused by electricity produced by clothing or the human body, care should therefore be taken to prevent electrostatic discharge whilst repairing the optical pickup.

The following method is recommended.

(1) Place a conductive sheet on the work bench (The black sheet used for wrapping repair parts.)

(2) Place the set on the conductive sheet so that the chassis is grounded to the sheet.

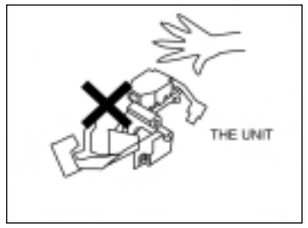
(3) Place your hands on the conductive sheet (doing this gives them the same ground as the sheet.)

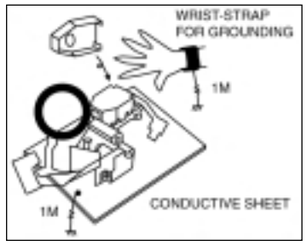
(4) Remove the optical pickup block

(5) Perform work on top of the conductive sheet. Be careful not to let your clothes or any other static sources to touch the unit.

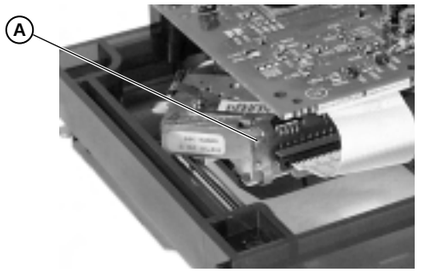
* Grounding the Human Body, use an antistatic wrist strap to discharge static electricity from your body.

* Grounding the work place, use either an antistatic matt or a sheet of steel on the area where the optical pickup is to be placed and ground the matt/sheet.




(6) Short the short terminal on the PCB, which is in-side the Pickup Assembly, before replacing the Pickup. (The short terminal is shorted when the Pickup Assembly is being lifted or moved.)

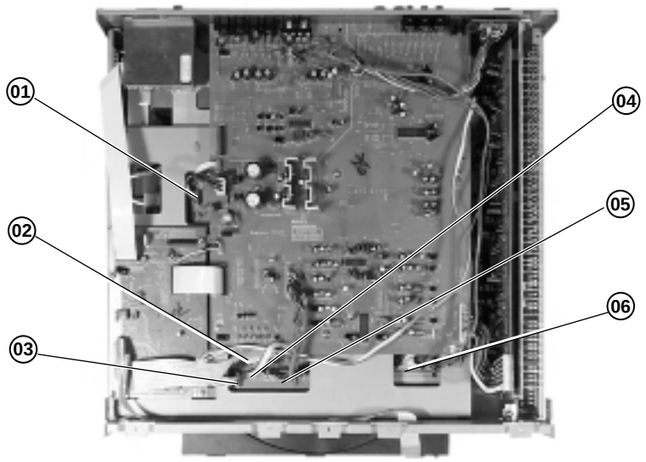



(7) After replacing the Pickup, open the short terminal on the PCB.

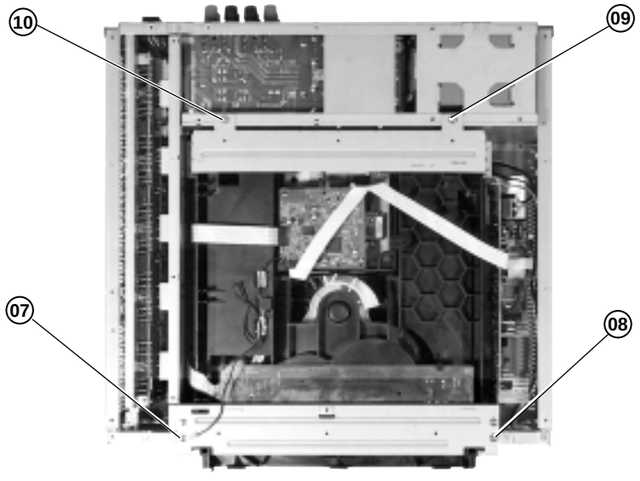


ACCESS TO DVD ASSEMBLY - ACCES A L'ENSEMBLE DVD - AUSBAU DER DVD-EINHEIT - ACCESSO ALL'INSIEME DVD - ACCESO AL CONJUNTO DVD

a) Disconnect - Déconnecter - Verbinder Lösen - Scollegare - Desconectar :

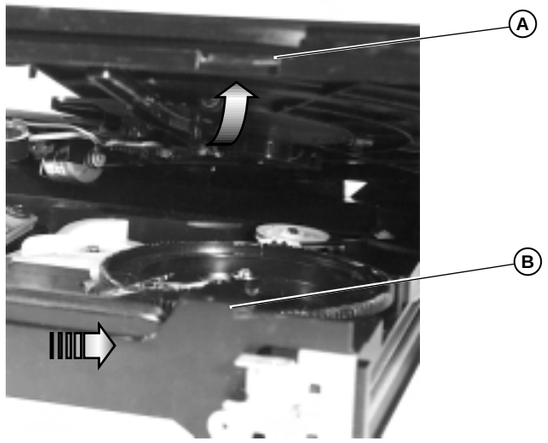



b) Unscrew - Dévisser - Schrauben lösen - Svitare - Desatornillar :



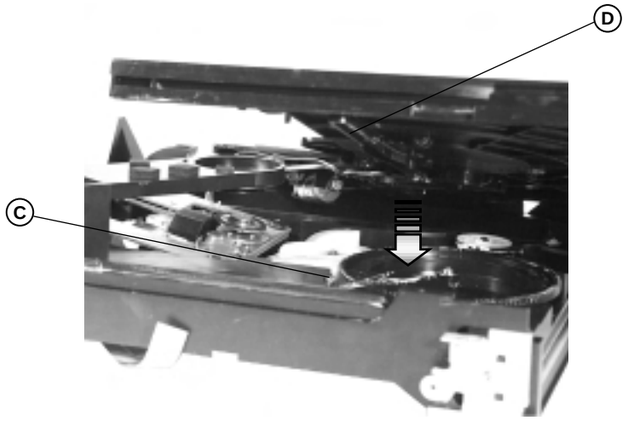

REPLACEMENT OF THE TRAY - REMPLACEMENT DU PLATEAU - AUSTAUSCH DER TABLETT - SOSTITUZIONE DEL PIATTO - SUSTITUCIÓN DE LA BANDEJA

a) Removal - Démontage - Ausbau - Smontaggio - Desmontaje :



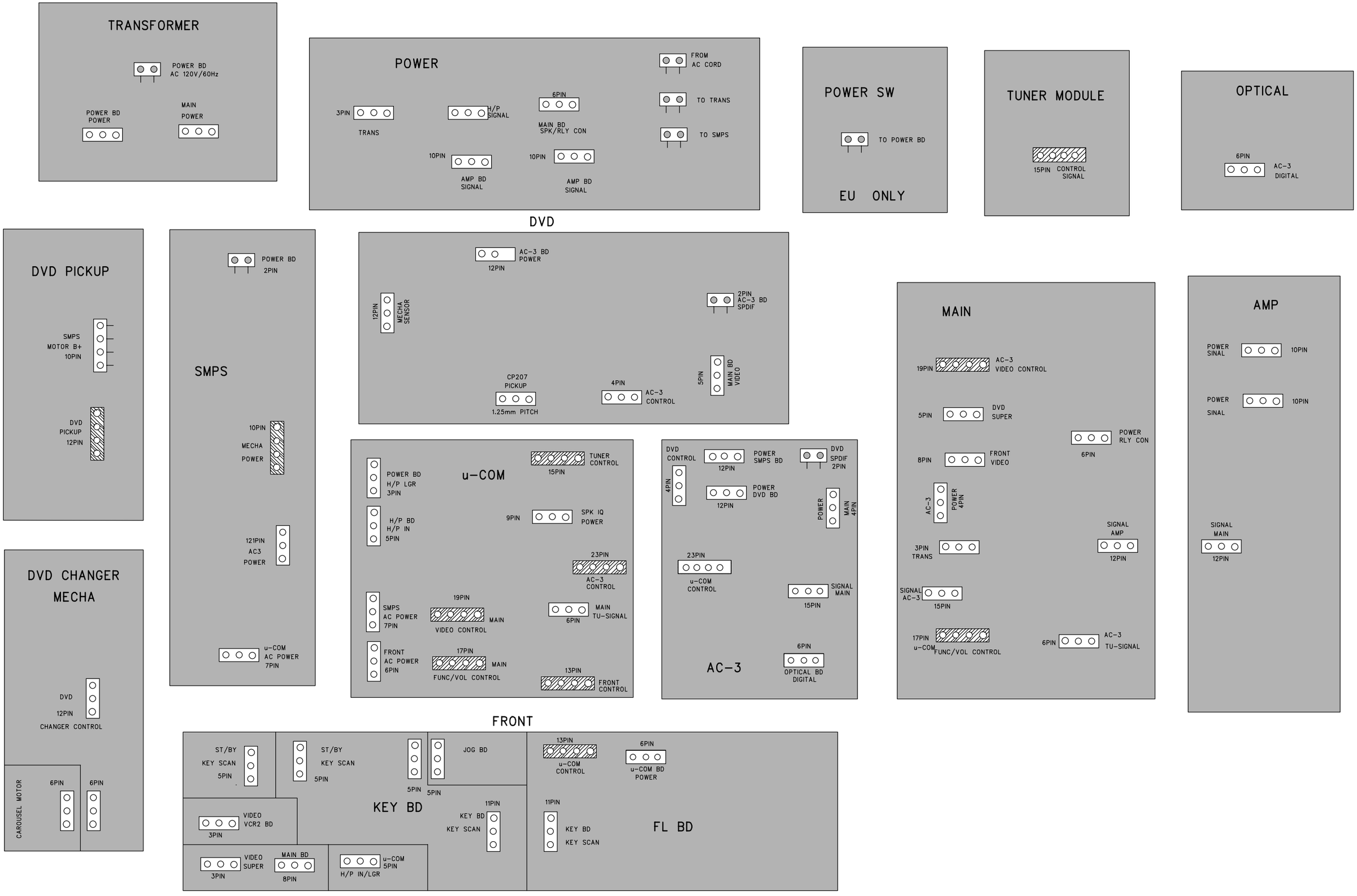

- Slide the tray until parts Ⓐ and Ⓑ are facing each other, then lift it.
- Glisser le plateau jusqu'à ce que les parties Ⓐ et Ⓑ soient en regard, puis le soulever.
- Den Ladeschlitten soweit herausziehen, bis sich die Teile Ⓐ und Ⓑ gegenüberliegen, dann anheben.
- Far scivolare il Piatto fin tanto che le parti Ⓐ e Ⓑ siano uno di fronte all'altro, poi sollevare il piatto.
- Deslizar la bandeja hasta que Ⓐ y Ⓑ coincidan y levantarla.

b/ Refitting - Remontage - Einbau - Rimontaggio - Montaje :

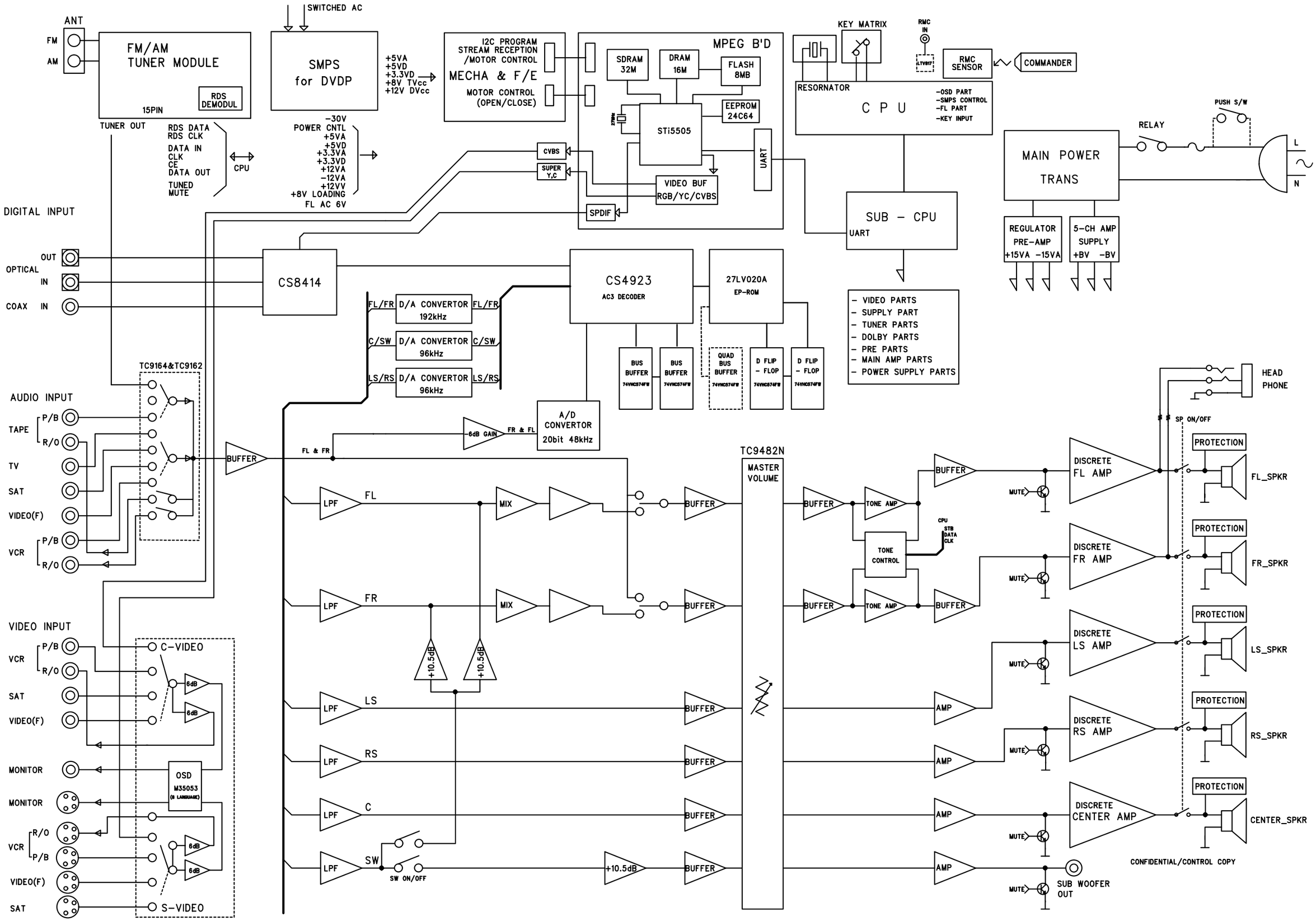



- Insert the nipple Ⓒ into Ⓓ groove of the control slide (pickup in the down position).
- Insérer le téton Ⓒ dans la gorge Ⓓ de la glissière de commandes (bloc optique en position basse).
- Führen Sie den Stift Ⓒ in die Nut Ⓓ des Steuerschiebers ein (Pickup in unterer Position).
- Inserire il perno Ⓒ nel solco Ⓓ dello scivolo dei comandi (pickup in posizione di riposo).
- Insertar el pivote Ⓒ en la ranura Ⓓ de la corredera de control de funciones (el lector láser en posición baja).

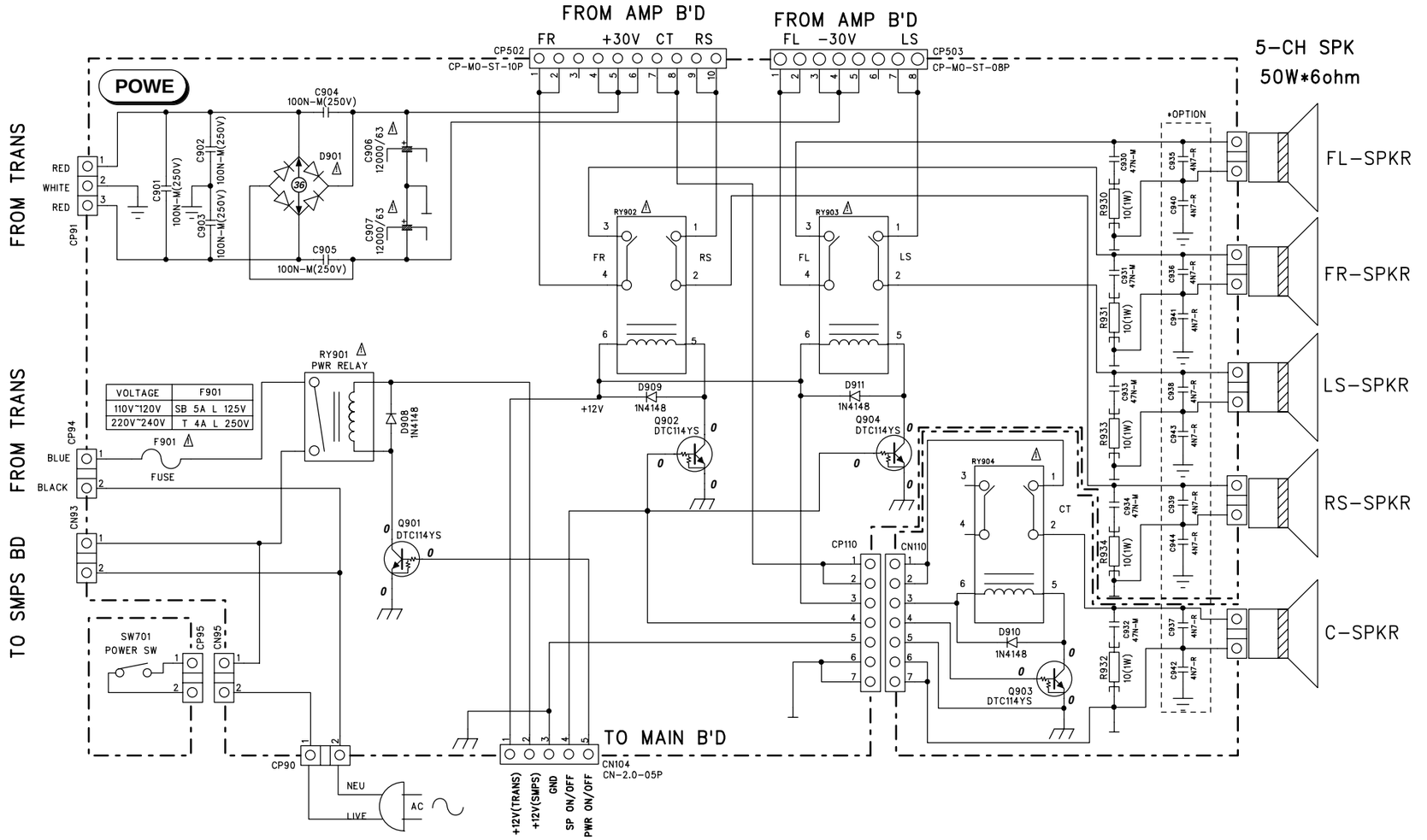
# WIRING DIAGRAM - SCHEMA D'INTERCONNEXIONS - VERDRAHTUNGSPLAN - DIAGRAMMA DELLE INTERCONNESSIONI - ESQUEMA DE INTERCONEXIONES

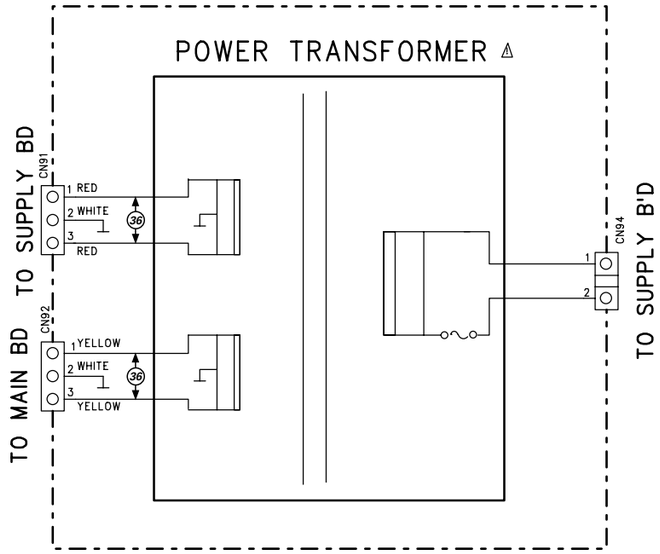


## BLOCK DIAGRAM - SCHÉMA SYNOPTIQUE - BLOCKSCHALTBILD - SCHEMA A BLOCCHI - ESQUEMA DE BLOQUES



## POWER SUPPLY SCHEMATIC DIAGRAM - SCHEMA DE L'ALIMENTATION - SCHALTBILD NETZTEIL - SCHEMA DELL' ALIMENTAZIONE - ESQUEMA DE LA ALIMENTACIÓN




CAUTION:

COMPONENTS DESIGNED BY THE SAFETY SYMBOL SHOULD. WHEN NECESSARY FOR REPAIR BE REPLACED BY ORIGINAL PARTS. APPROVED BY THE MANUFACTURER. ONLY THEN CAN CAN THE OPERATIONAL SAFETY BE GUARANTEED.

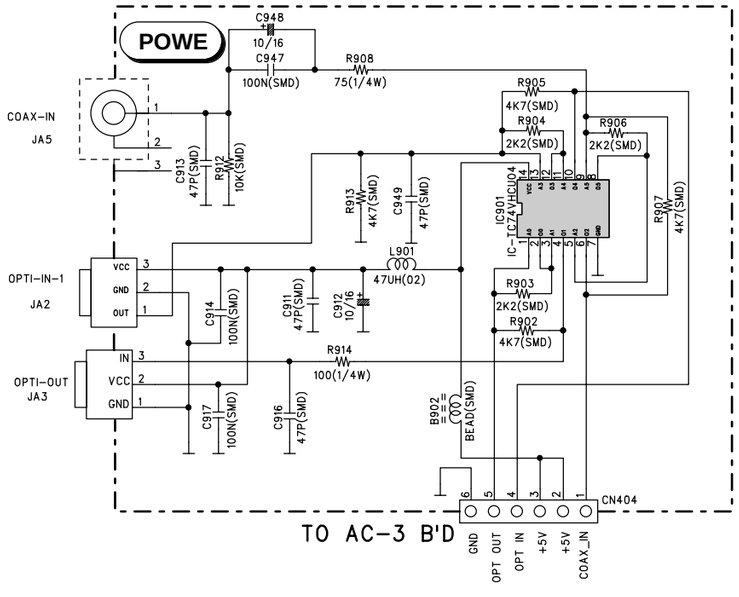
NOTES:

1. Resistor values are indicated in ohms unless otherwise specified ( k=1,000 M=1,000,000 )
2. Capacitor values are indecated in microfarades unless otherwise specified. ( p=picofarades )
3. ⚠ indicates critical safety components. Replace only with those specified from replacement parts list to maintain proper performances and safety of this unit

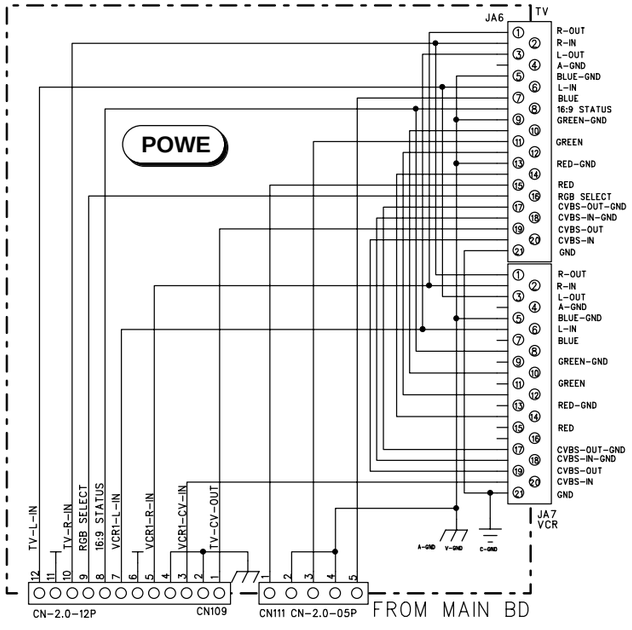
36 V~

34 V⎓ 10 MΩ

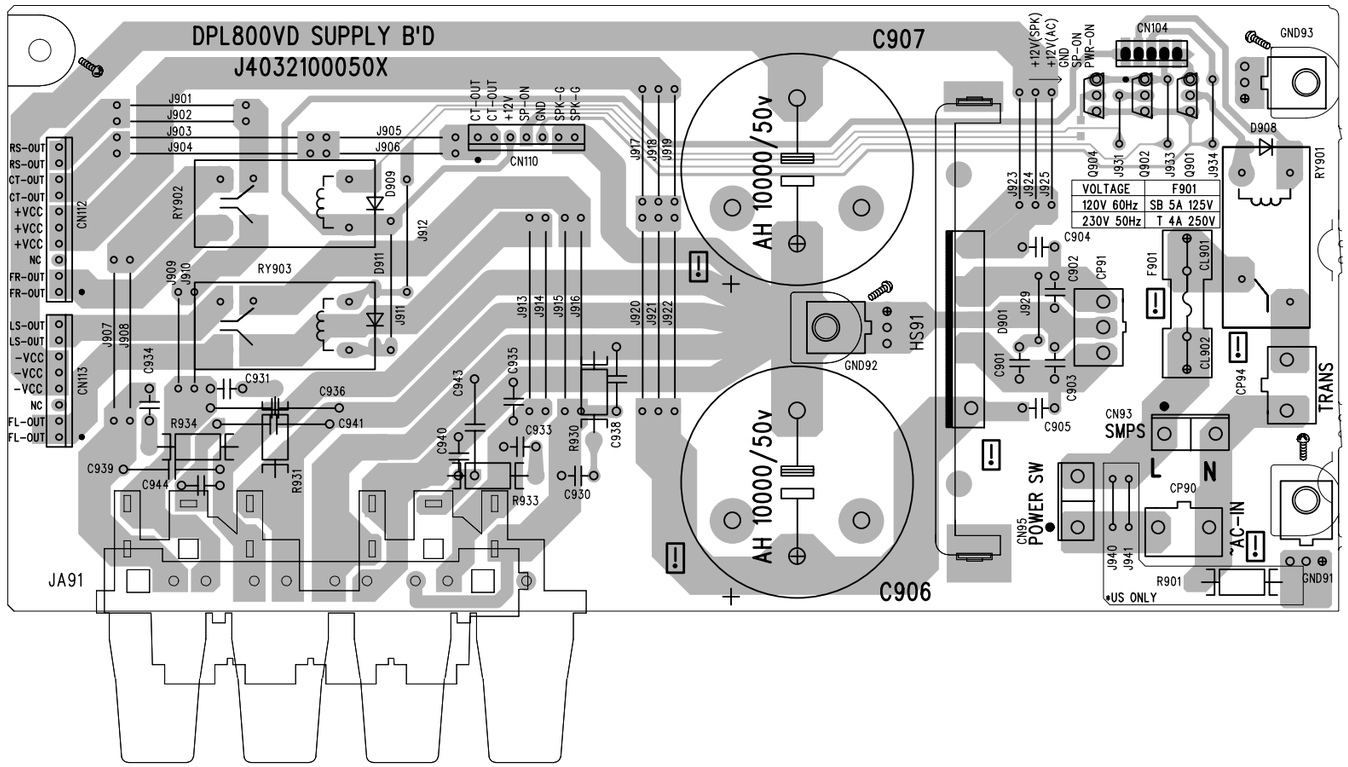
## DIGITAL INPUT/OUTPUT SCHEMATIC DIAGRAM - SCHEMA ENTRÉE/SORTIE NUMERIQUES - SCHALTBID DIGITAL EINGANG/AUSGANG - SCHEMA INGRESSO/USCITA DIGITALE - ESQUEMA ENTRADA/SALIDA DIGITAL



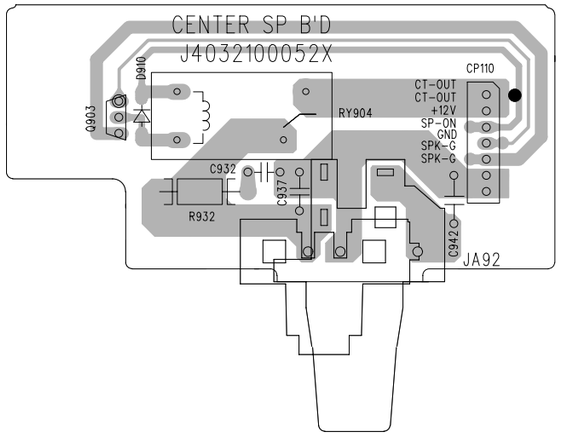

## SCART INTERFACE SCHEMATIC DIAGRAM - SCHEMA DE L'INTERFACE PÉRITÉLÉISION - SCHALTBILD EUROPA NORMBUCHSE - SCHEMA DELL PRESA PERITEL - ESQUEMA DE EUROTOMA



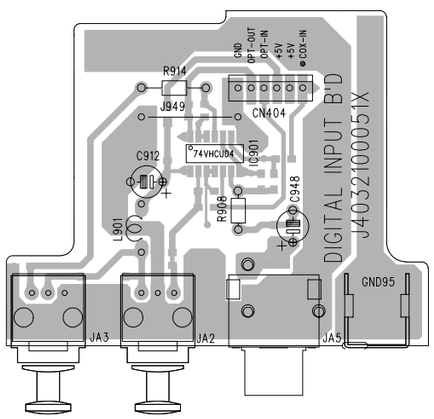
**Power supply /speaker P.C.B**
**Platine alimentation/haut-parleurs**
**Ltpl. Netzteil/Lautsprecher**
**Piastra alimentazione/altoparlanti**
**Platina alimentación/altavoces**

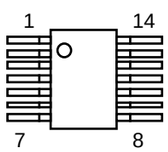



**Speaker P.C.B.**
**Platine haut-parleurs**
**Ltpl. Lautsprecher**
**Piastra altoparlanti**
**Platina altavoces**



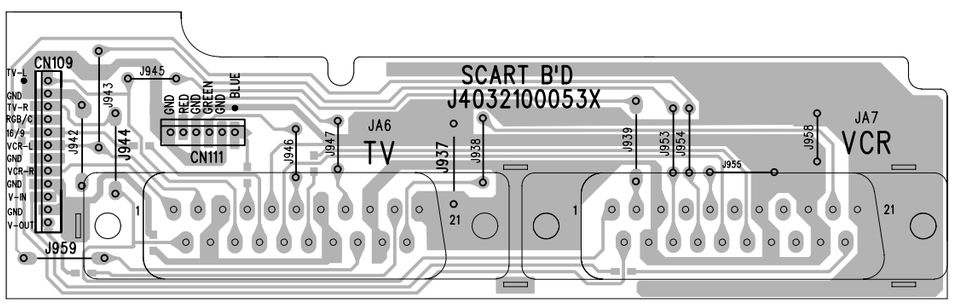

**Digital input P.C.B.**
**Platine entrees numériques**
**Ltpl. Digital Eingang**
**Piastra ingresso digitale**
**Platina entrada digital**



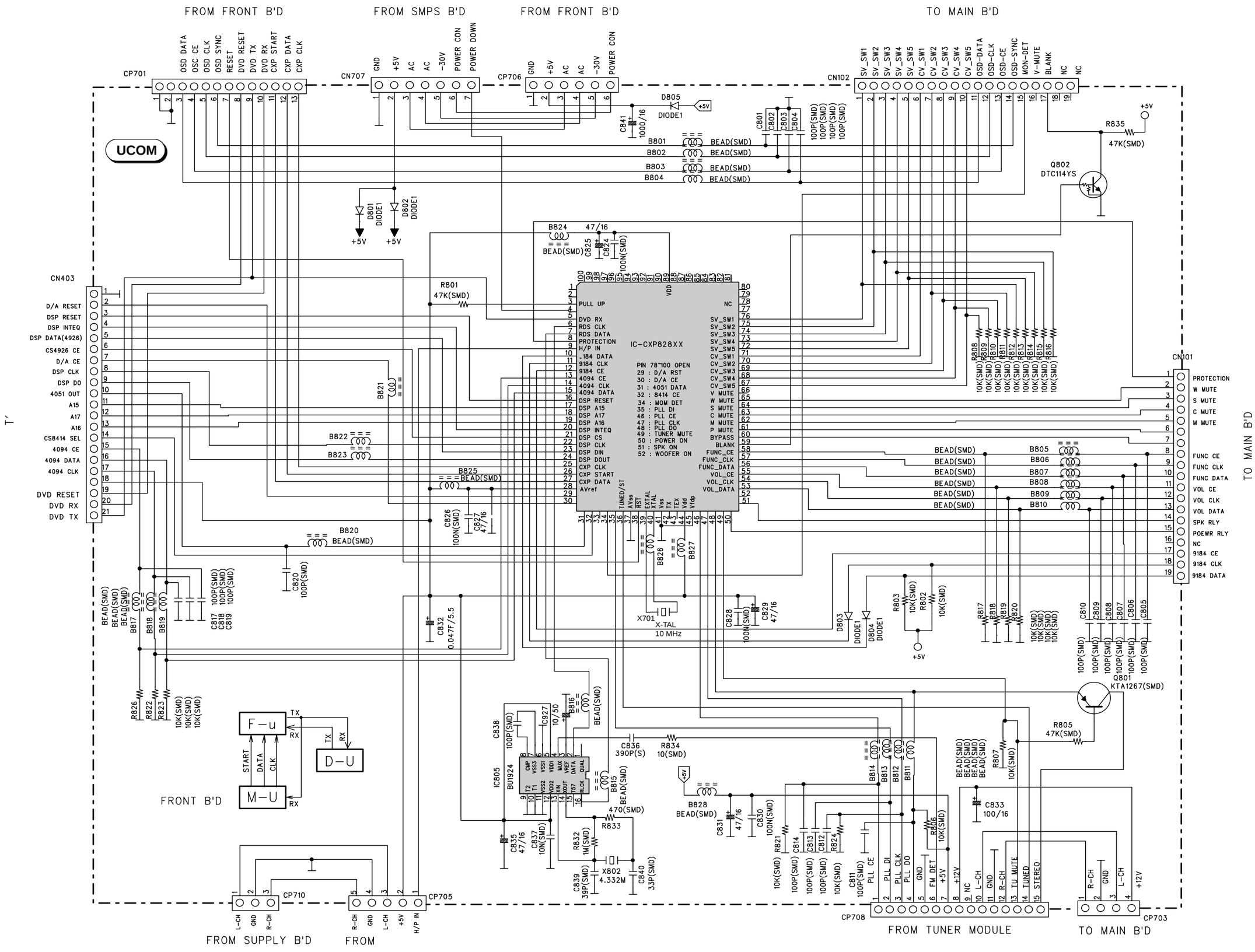




TC 74VHCU04

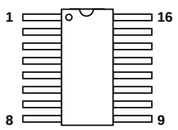
**Scart interface P.C.B.**
**Platine interface péritélévision**
**Ltpl. Europa Normbuchse**
**Piastra presa peritel**
**Platina eurotoma**



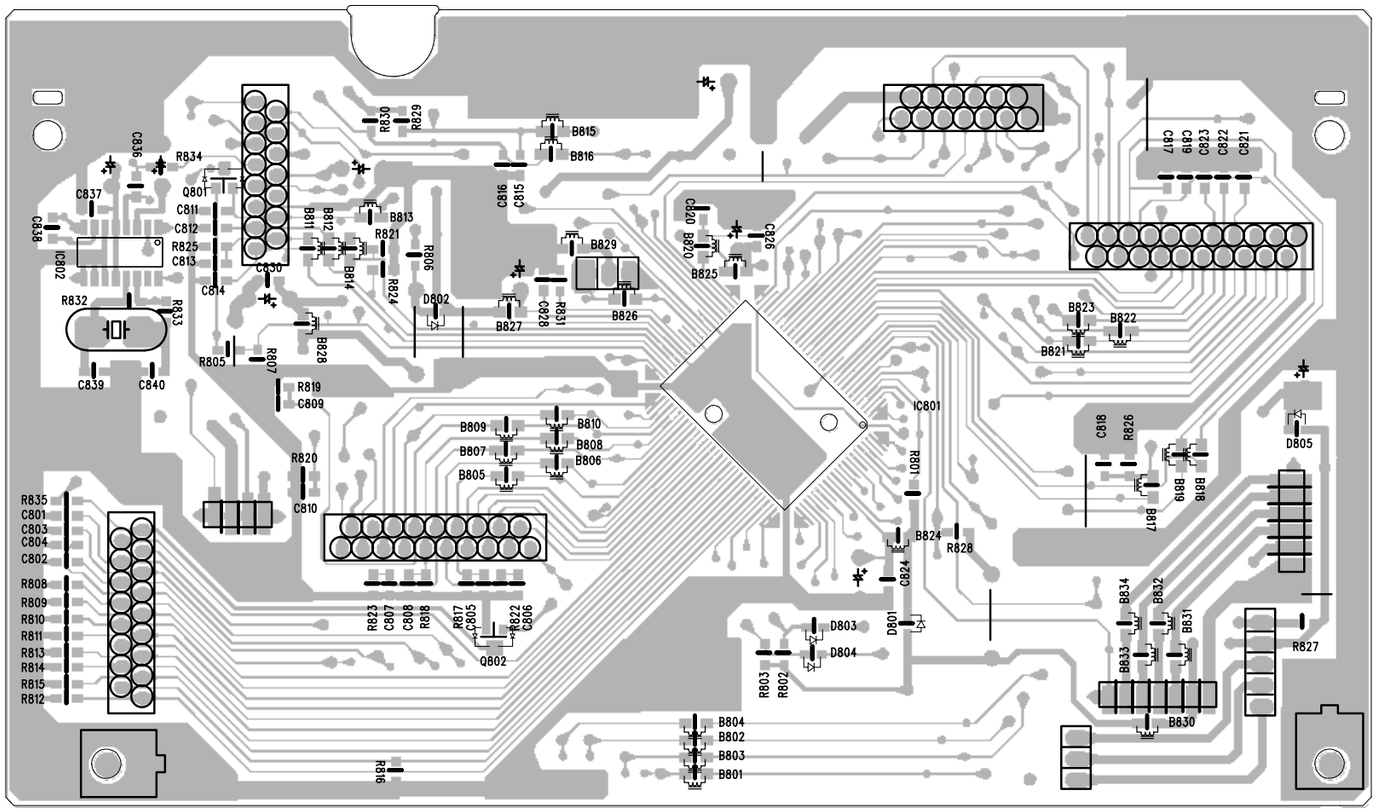
# MICROCONTROLLER SCHEMATIC DIAGRAM - SCHEMA MICROCONTROLEUR - SCHALTBILD MICROCONTROLLER - SCHEMA MICROPROCESSORE - ESQUEMA MICROCONTROLADOR



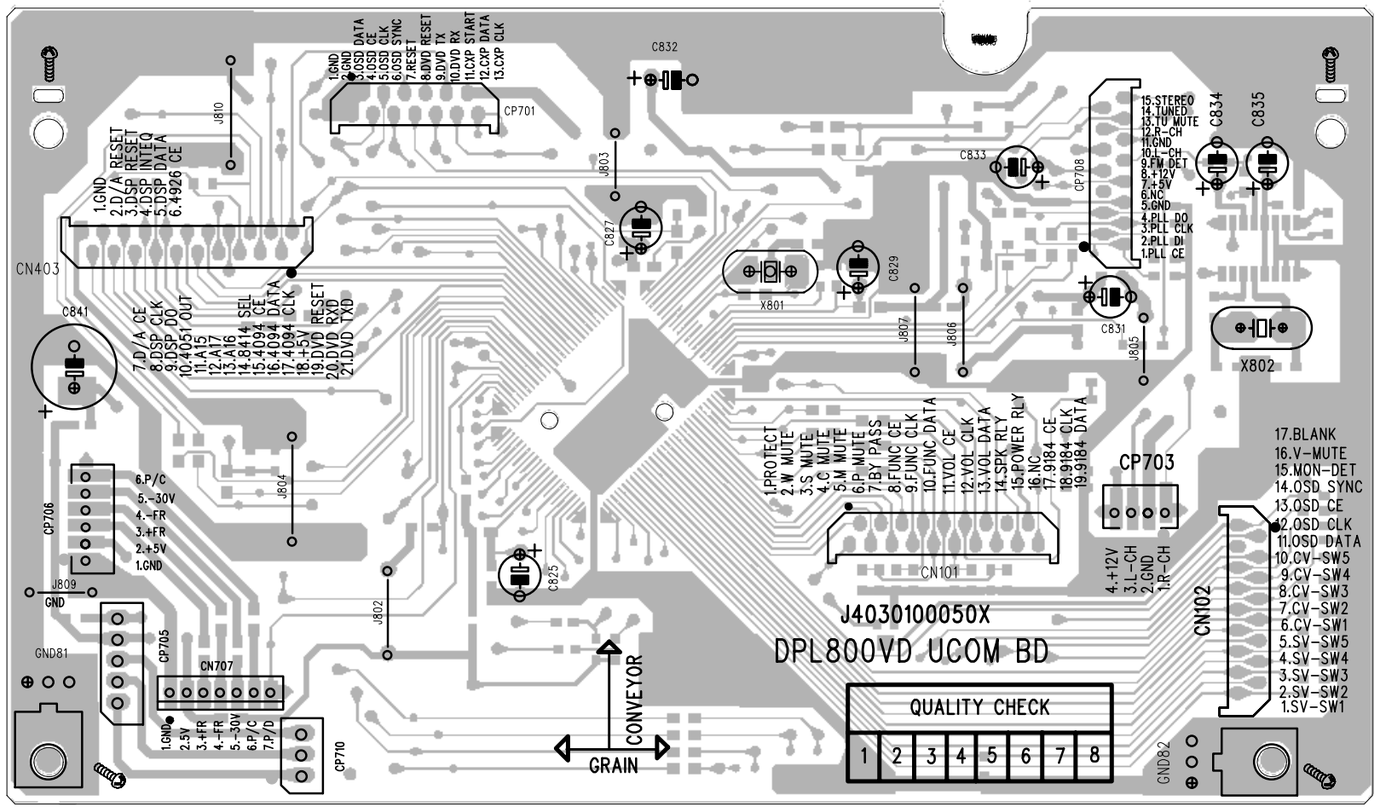
**Microcontroller P.C.B.**
**Platine Microcontroleur**
**Ltpl Microcontroller**
**Piastra Microprocessore**
**Platina Microcontrolador**



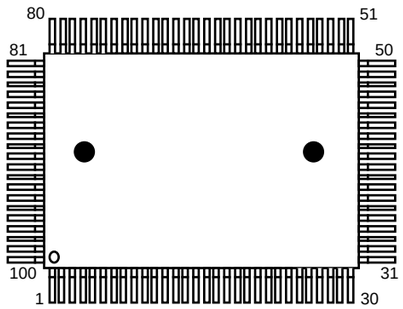

BU 1924



Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre

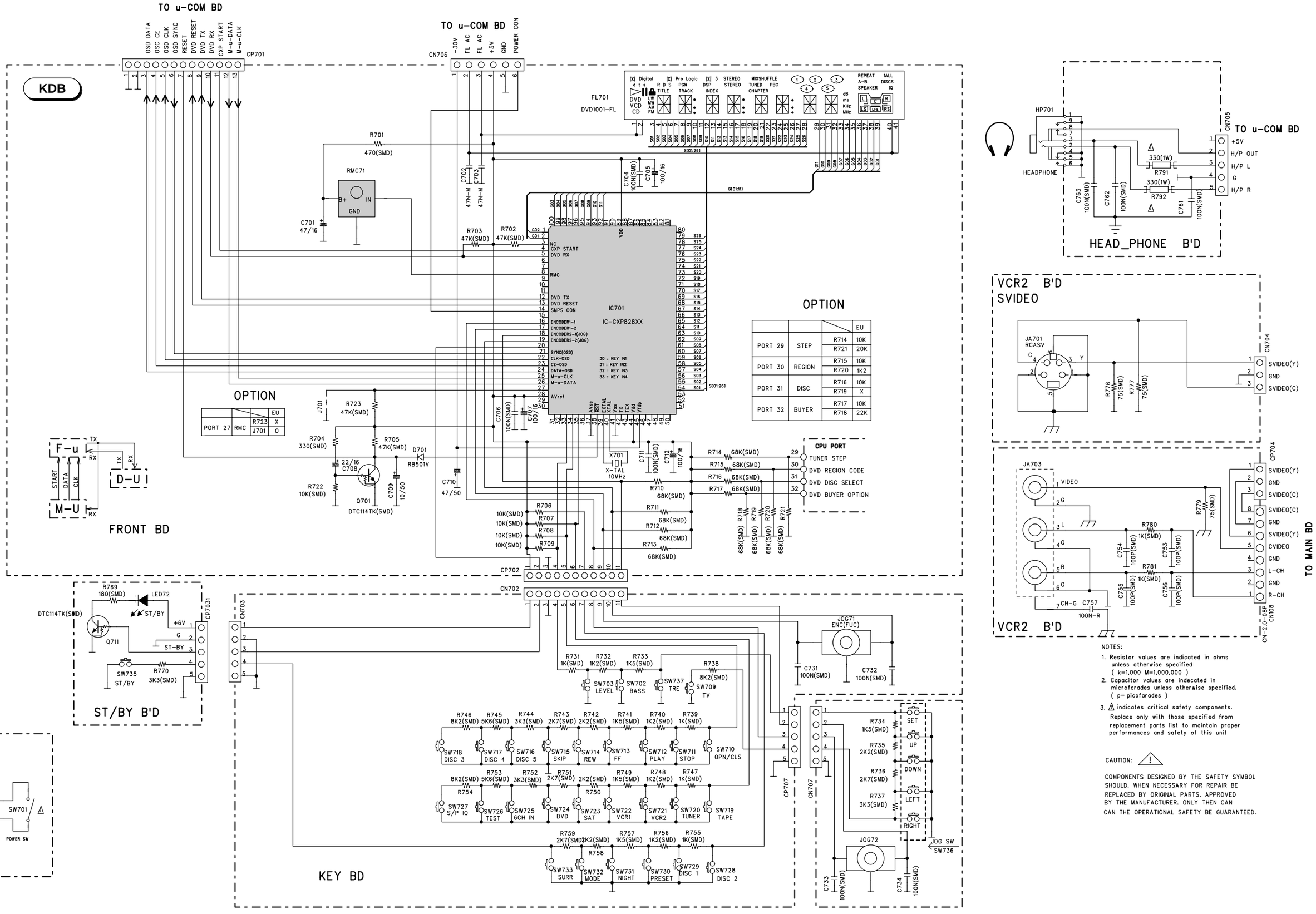



Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes




CXP828XX

# CONTROL / DISPLAY SCHEMATIC DIAGRAM - SCHEMA COMMANDES / AFFICHEUR - SCHALTBILD BEDIENTEIL / ANZEIGE - SCHEMA COMANDI / INDICATORE - ESQUEMA MANDOS / INDICADOR




NOTES:

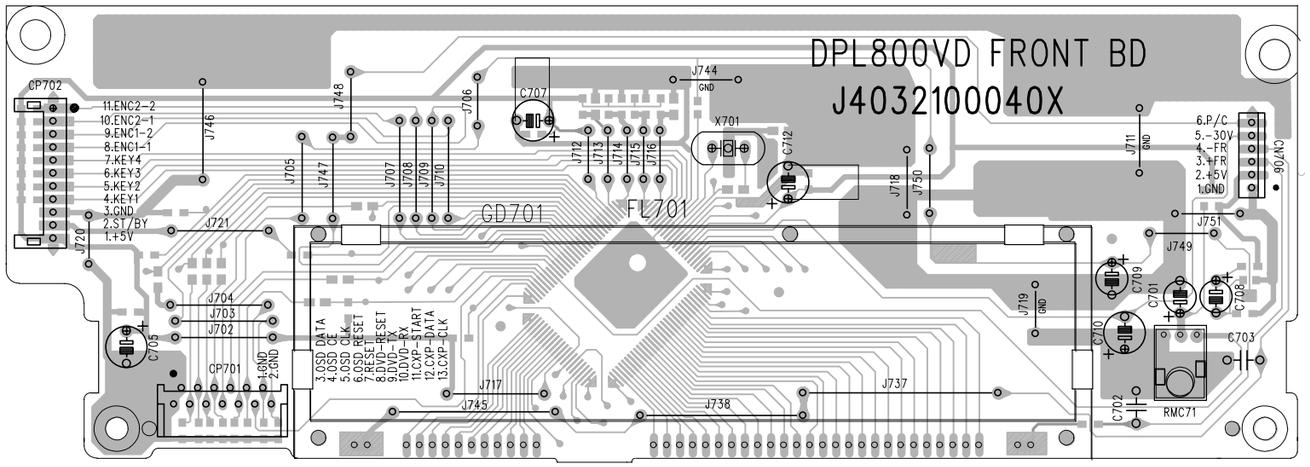
1. Resistor values are indicated in ohms unless otherwise specified ( k=1,000 M=1,000,000 )
2. Capacitor values are indecated in microfarades unless otherwise specified. ( p= picofarades )
3. ⚠ indicates critical safety components. Replace only with those specified from replacement parts list to maintain proper performances and safety of this unit

CAUTION: ⚠

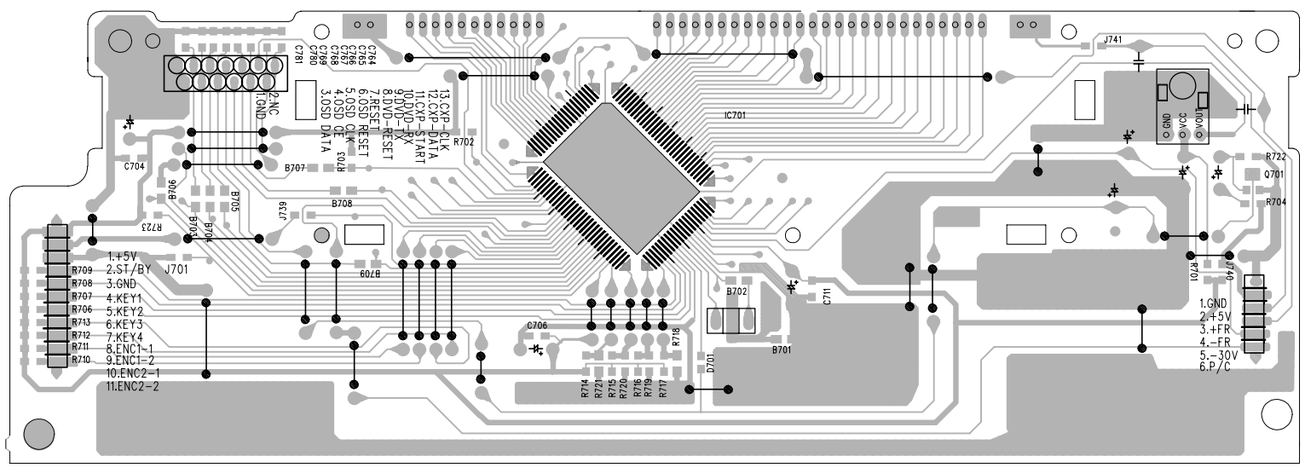
COMPONENTS DESIGNED BY THE SAFETY SYMBOL SHOULD. WHEN NECESSARY FOR REPAIR BE REPLACED BY ORIGINAL PARTS. APPROVED BY THE MANUFACTURER. ONLY THEN CAN CAN THE OPERATIONAL SAFETY BE GUARANTEED.

**Controls / display P.C.B.**
**Platine commandes / afficheurs**
**Ltpl. Bedienteil / Anzeige**
**Piastra comandi / indicatore**
**Platina de mandos / indicadores**

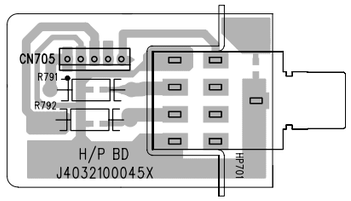
Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes



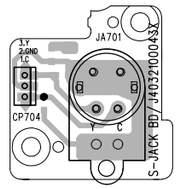

Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre



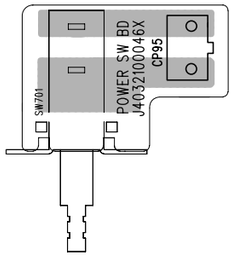

**Headphone-jack P.C.B.**
**Platine prise-casque**
**Ltpl. Kopfhörerbuchse**
**Piastra presa per cuffia**
**Platina toma auriculares**



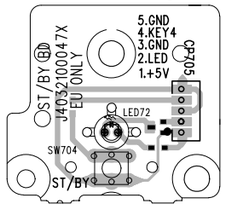

**S-video jack P.C.B.**
**Platine prise S-vidéo**
**Ltpl. S-video Buchse**
**Piastra presa S-video**
**Platina toma S-vídeo**



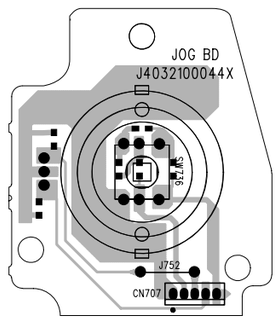

**ON / OFF Switch P.C.B.**
**Platine inter M / A**
**Ltpl. EIN / AUS - Schalter**
**Piastra interruttore**
**Platina interruptor**

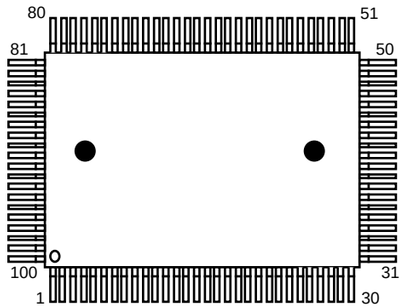



**Standby switch P.C.B.**
**Platine inter. veille**
**Ltpl. Standby-Schalter**
**Piastra interruttore standby**
**Platina interruptor standby**



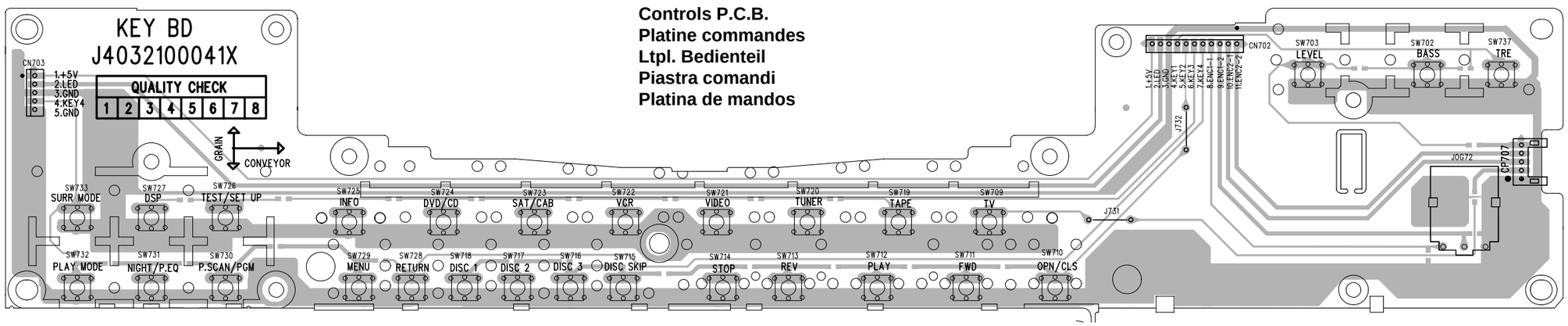

**Controls P.C.B.**
**Platine commandes**
**Ltpl. Bedienteil**
**Piastra comandi**
**Platina de mandos**



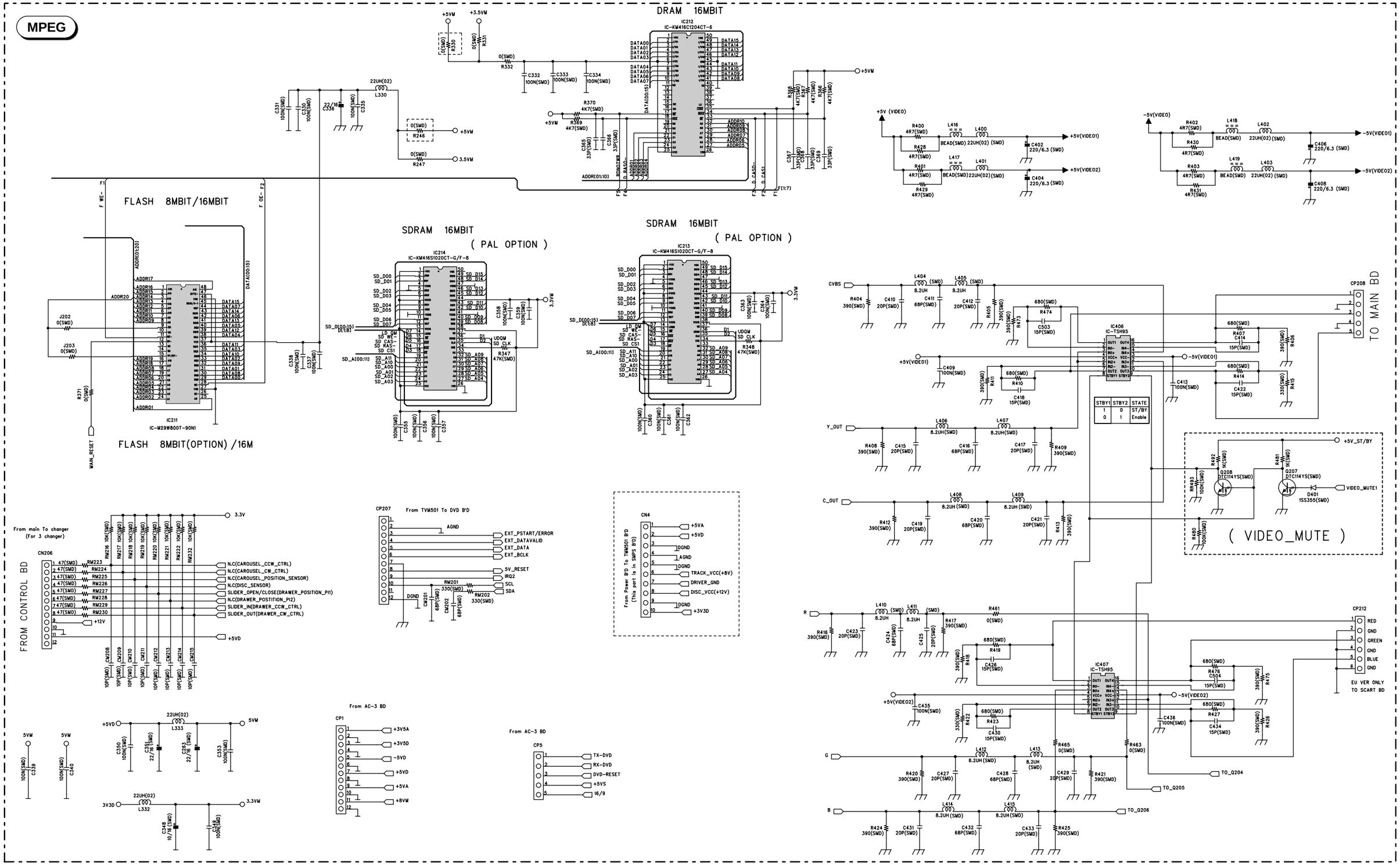




CXP828XX

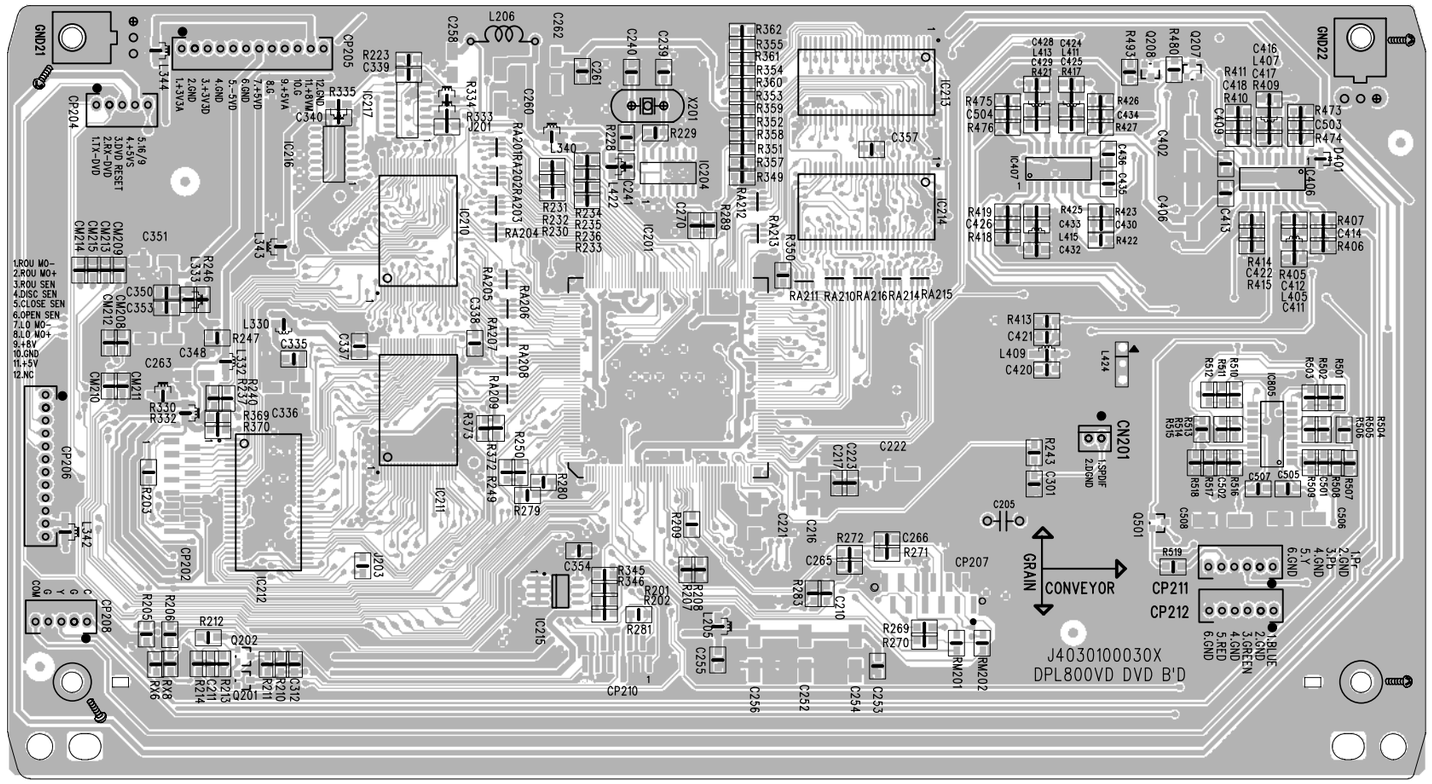
**Controls P.C.B.**
**Platine commandes**
**Ltpl. Bedienteil**
**Piastra comandi**
**Platina de mandos**



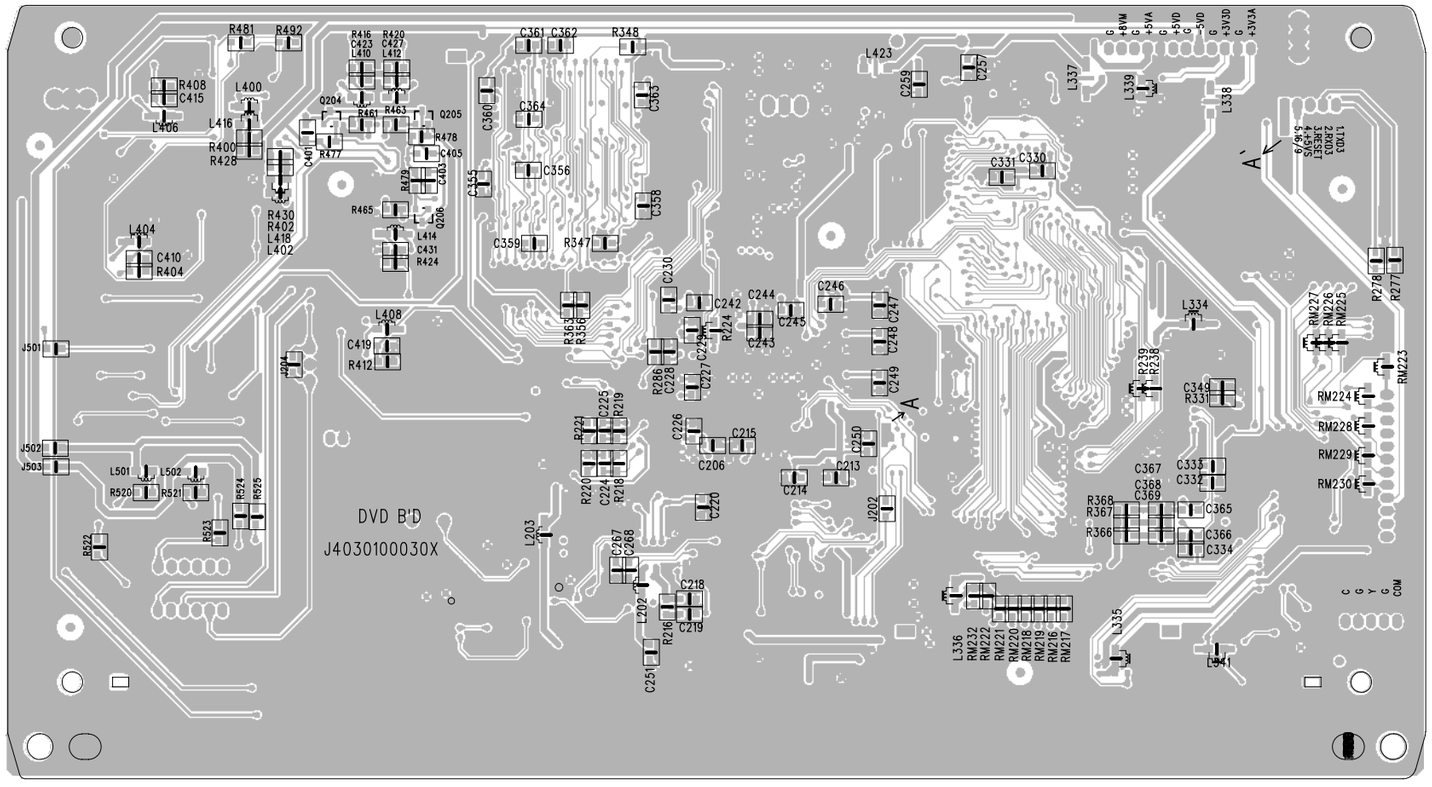
# MPEG SHEMATIC DIAGRAM - SCHEMA DE LA PLATINE MPEG - SCHALTBILD MPEG - SCHEMA DELLA PIASTRA MPEG - ESQUEMA DE LA PLATINA MPEG (MEMORY PART)



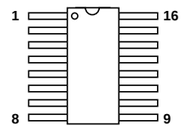
**MPEG P.C.B.**
**Platine MPEG**
**Ltpl MPEG**
**Piastra MPEG**
**Platina MPEG**



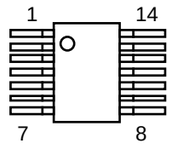

Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes



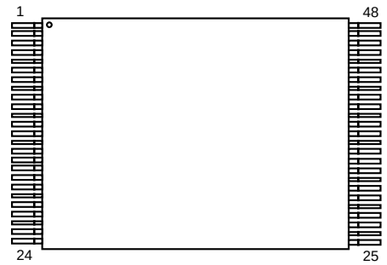

Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre



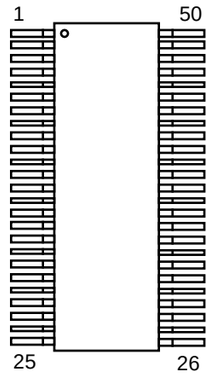

TSH95



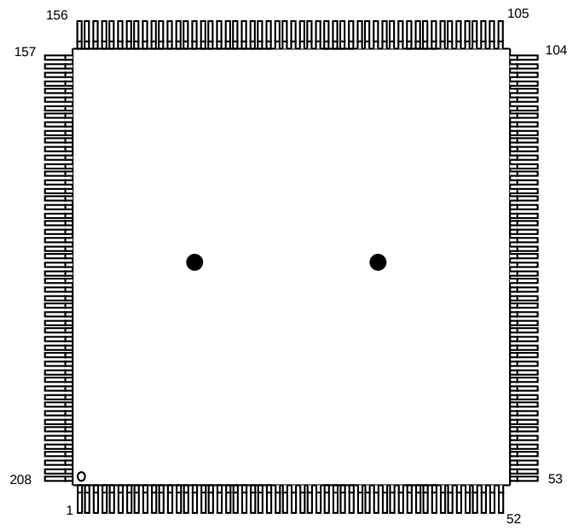

74HCU04




M29W800T

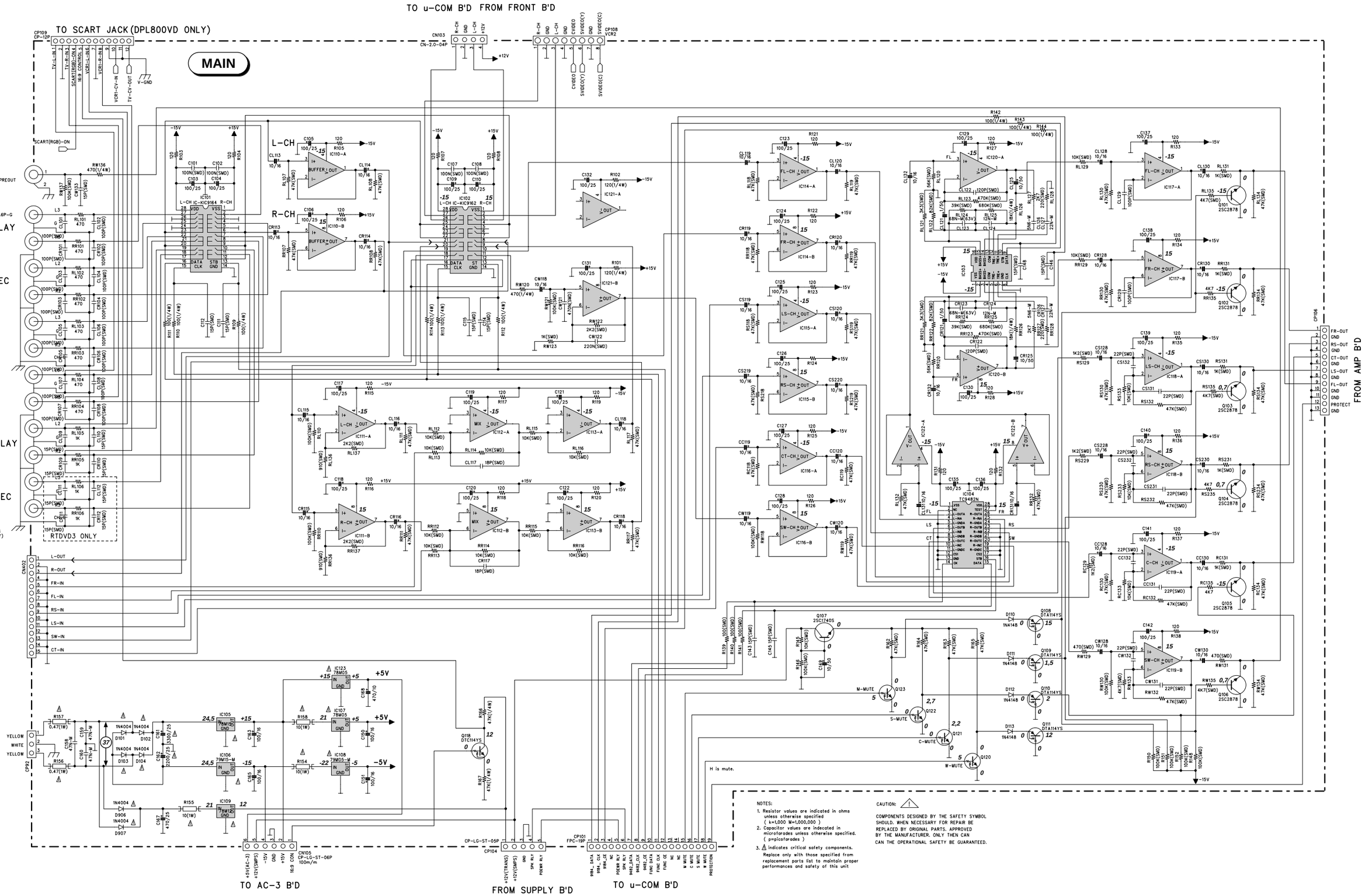



KM416C1204CT
KM416S1020CT



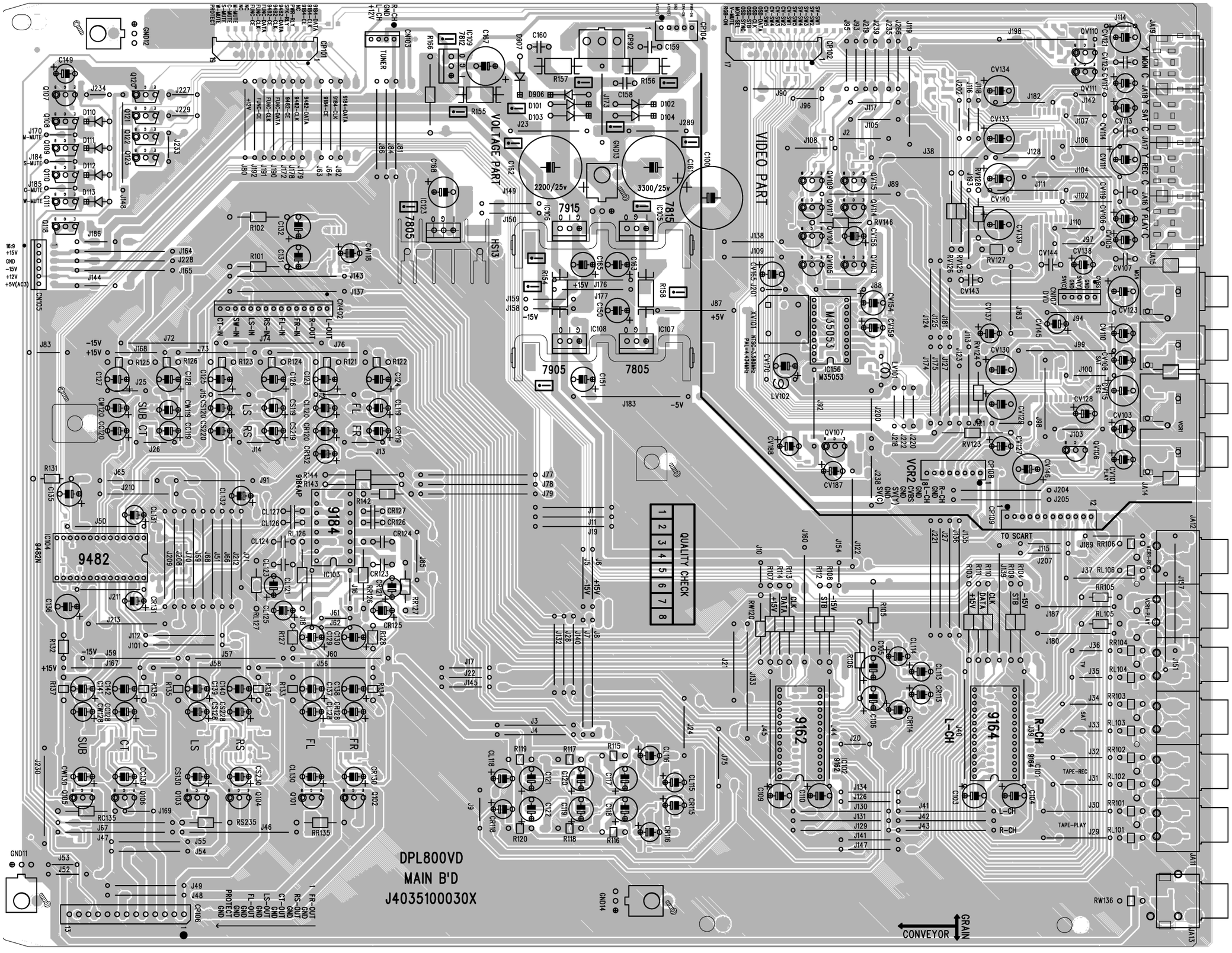

STI5505

# MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - GRUNDPLATTE SCHALTBILD - SCHEMA DELLA PIASTRA PRINCIPALE - ESQUEMA DE LA PLATINA PRINCIPAL (PRE-AMPLIFIER PART)



**Main P.C.B.**
**Platine principale**
**Grundplatte**
**Piastra principale**
**Platina principal**

Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes

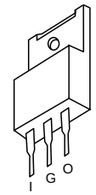


MPSA56

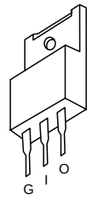
2SK117Y

2SC1740S
BKTA1266
KTD1302
2SC2870
KRA107M

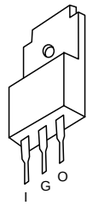
DTA114YS
DTC114TS




78M15
78M05
78M06
KIA7805A

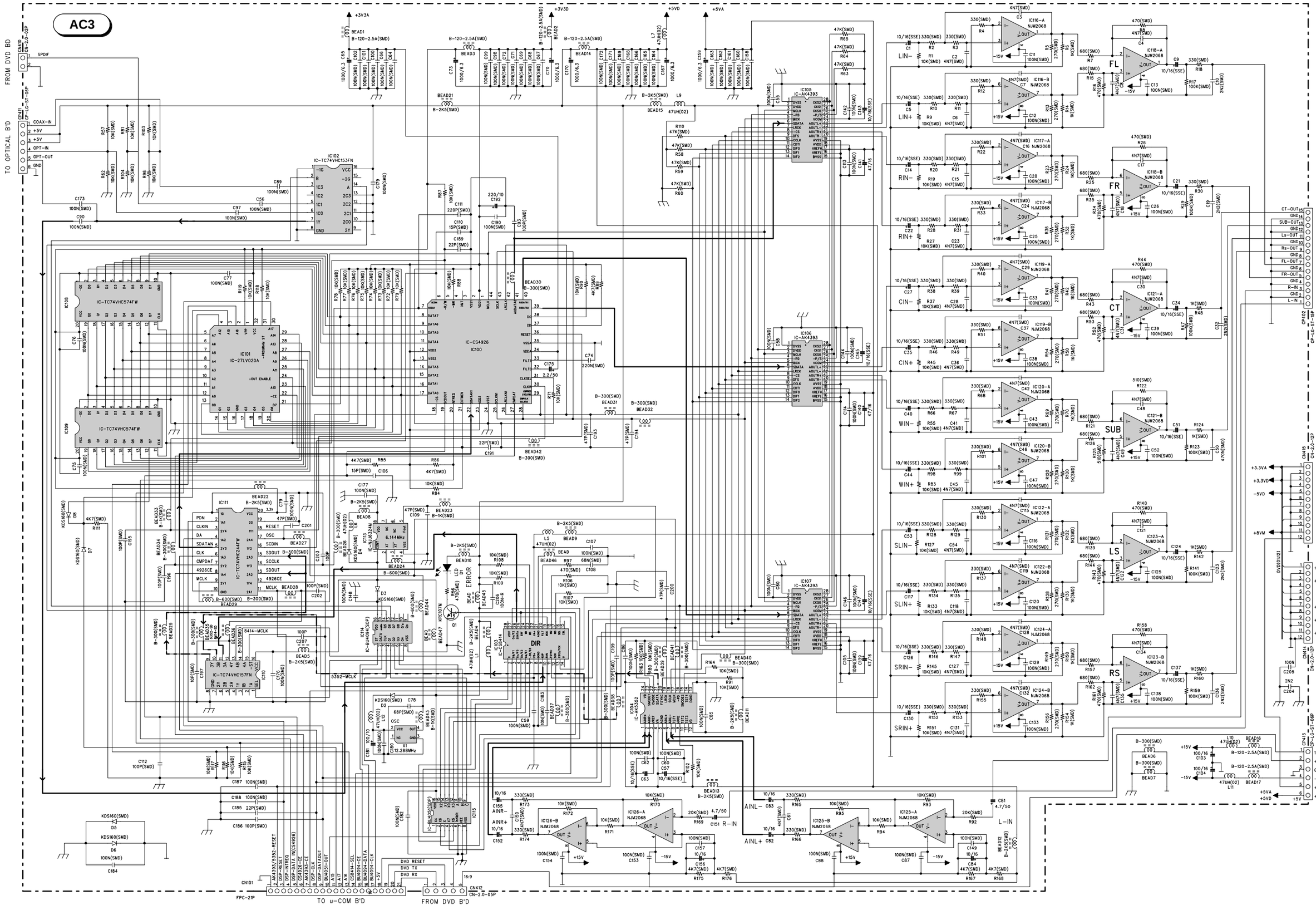



79M05
79M15




BA033T

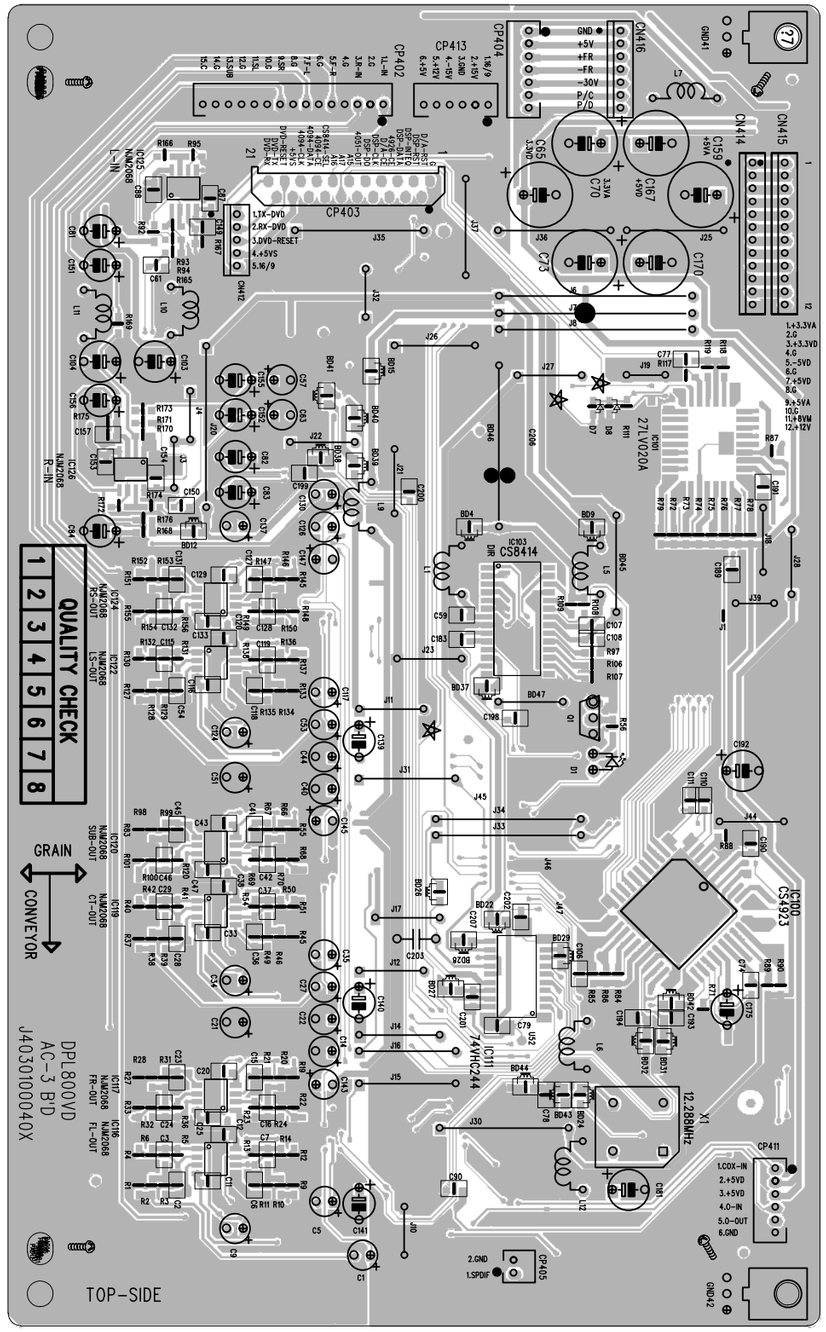
# DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL - SCHALTBILD DIGITALVERARBEITUNG - SCHEMA ELABORAZIONE DIGITALE - ESQUEMA DEL TRATAMIENTO DIGITAL

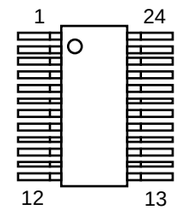


**Digital processing P.C.B.**
**Platine traitement digital**
**Ltpl. Digitalverarbeitung**
**Piastra elaborazione digitale**
**Platina tratamiento digital**

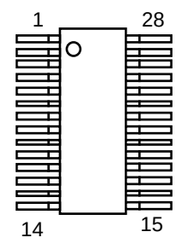
Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes

Solder side
Côté soudure
Lötseite
Lato saldature
Lado del cobre

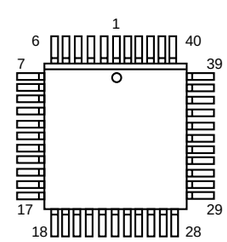


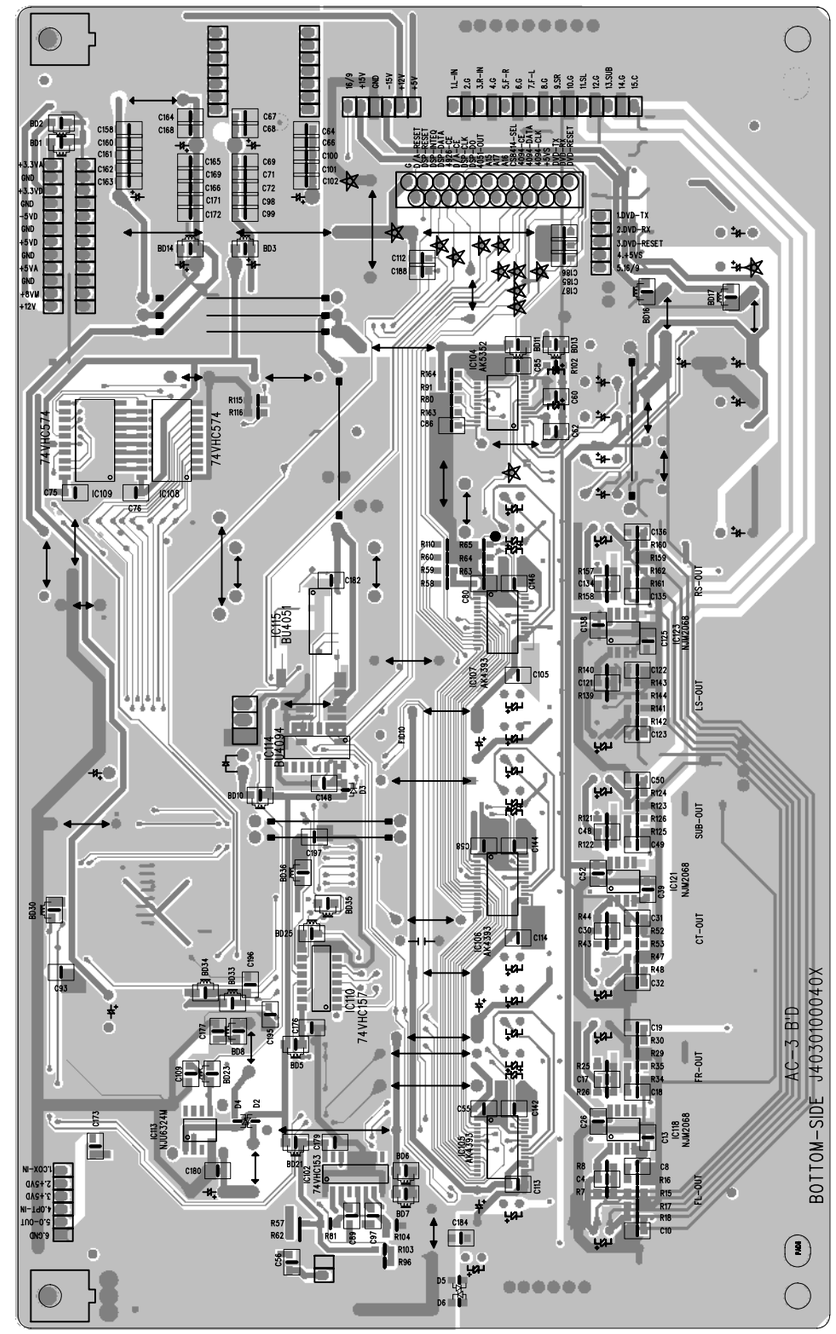

AK5352

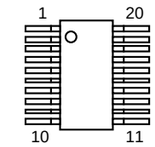



CS8414
AK4393

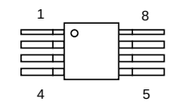



CS4923
CS4926

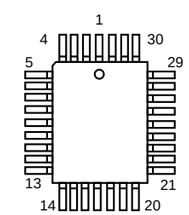


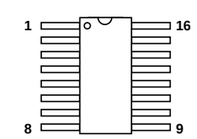

TC74VHC574FW
TC74VHC244FW




NJM2068DD
NJU6324M

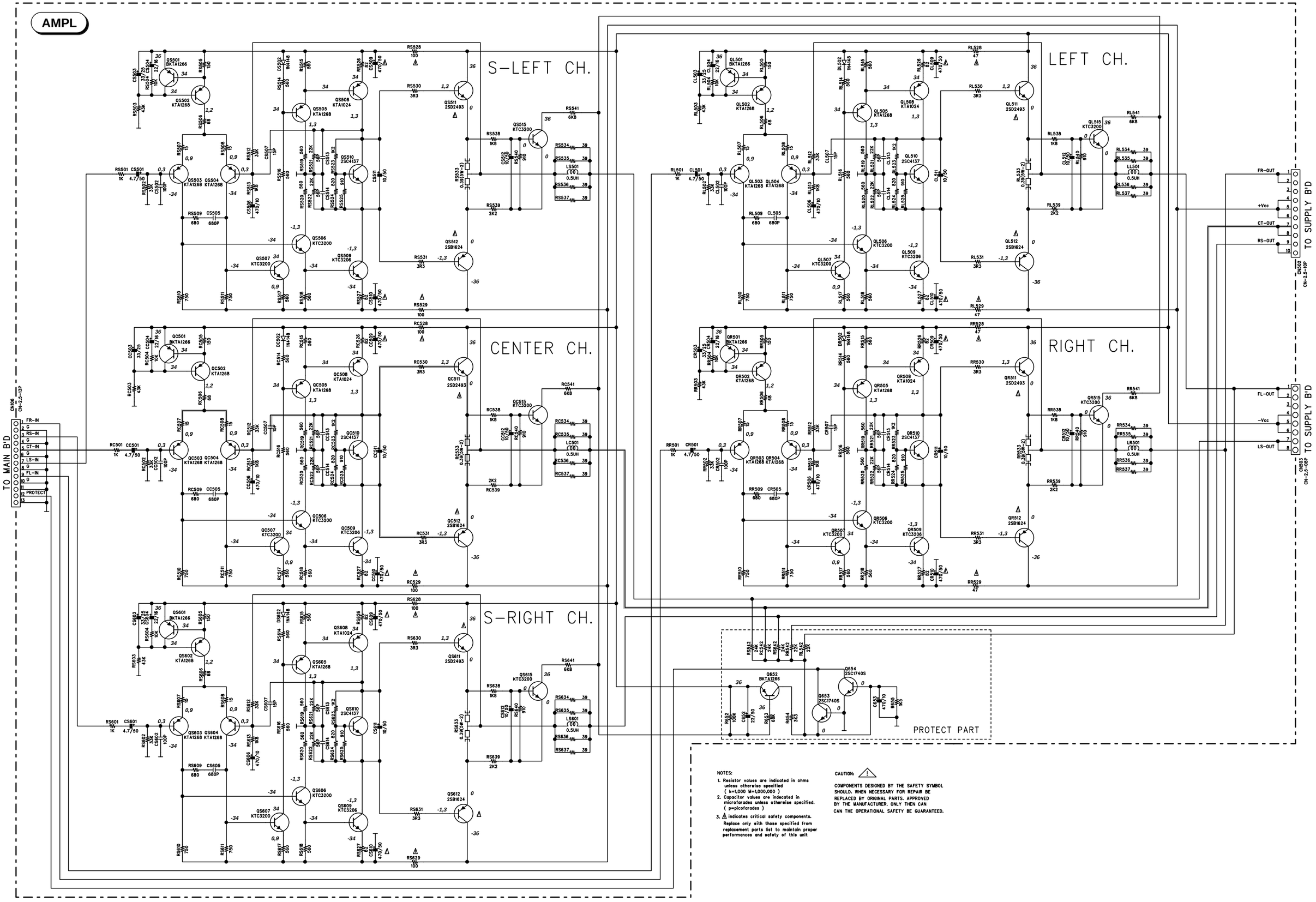



27LV010A
27LV020A




BU4094
BU4051

# AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD ENDVERSTÄRKER - SCHEMA DEL AMPLIFICATORE - ESQUEMA DEL AMPLIFICADOR



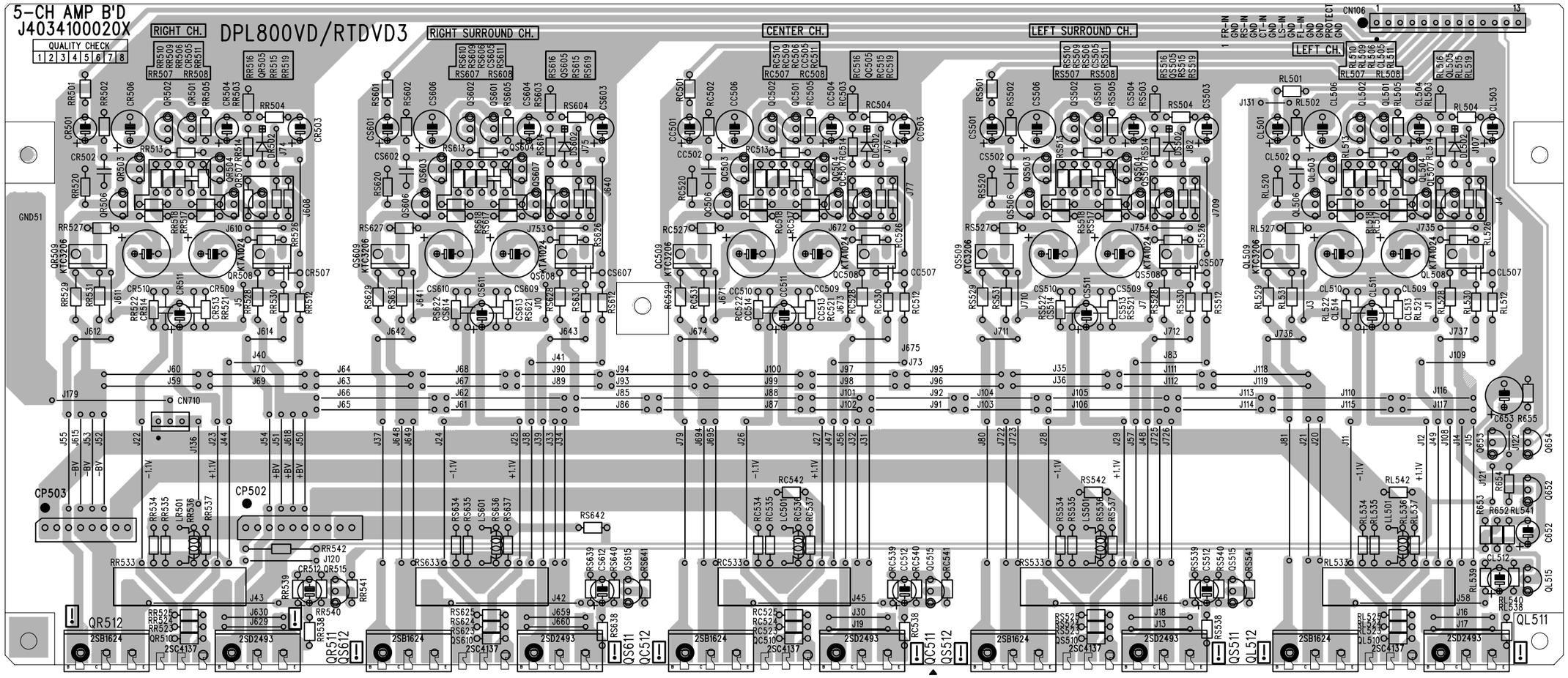

NOTES:

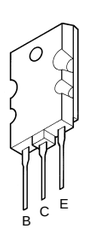
1. Resistor values are indicated in ohms unless otherwise specified ( k=1,000 M=1,000,000 )
2. Capacitor values are indicated in microforades unless otherwise specified. ( p=picoforades )
3. ⚠ indicates critical safety components. Replace only with those specified from replacement parts list to maintain proper performances and safety of this unit

CAUTION: ⚠

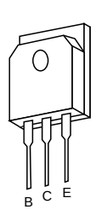
COMPONENTS DESIGNED BY THE SAFETY SYMBOL SHOULD. WHEN NECESSARY FOR REPAIR BE REPLACED BY ORIGINAL PARTS. APPROVED BY THE MANUFACTURER. ONLY THEN CAN CAN THE OPERATIONAL SAFETY BE GUARANTEED.

**Amplifier P.C.B.**
**Platine amplificateur**
**Ltpl. Endverstärker**
**Piastra amplificatore**
**Platina amplificador**




2SC4137

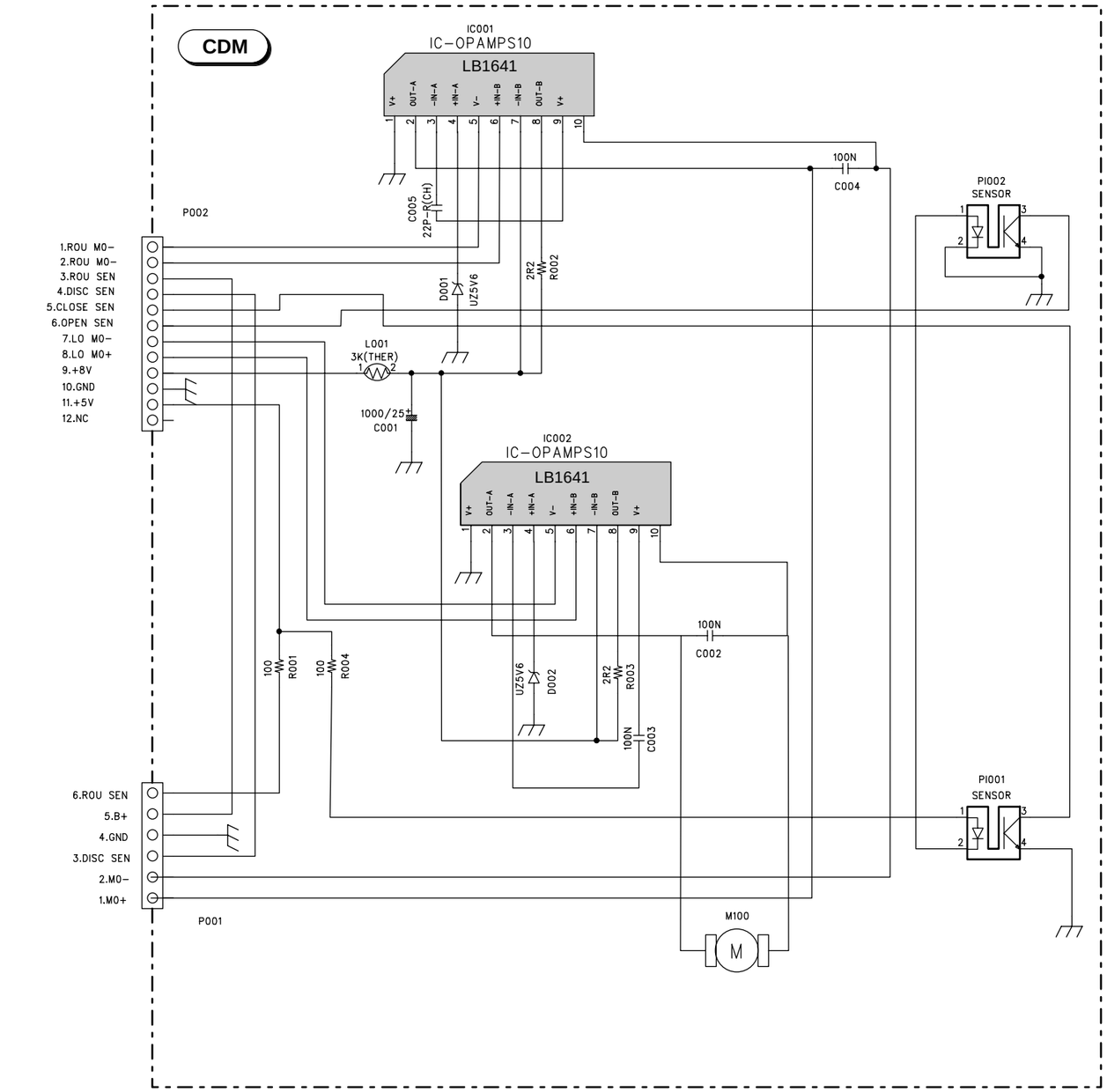


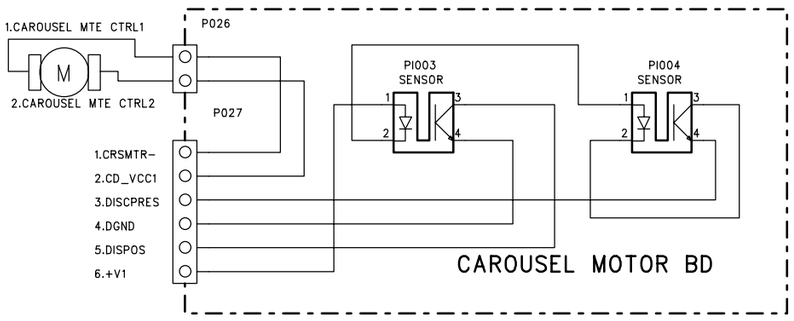

2SD2493
2SB1624

KTA1268
KTA1266
KTC3200

KTC3206
KTA1024
C114YS

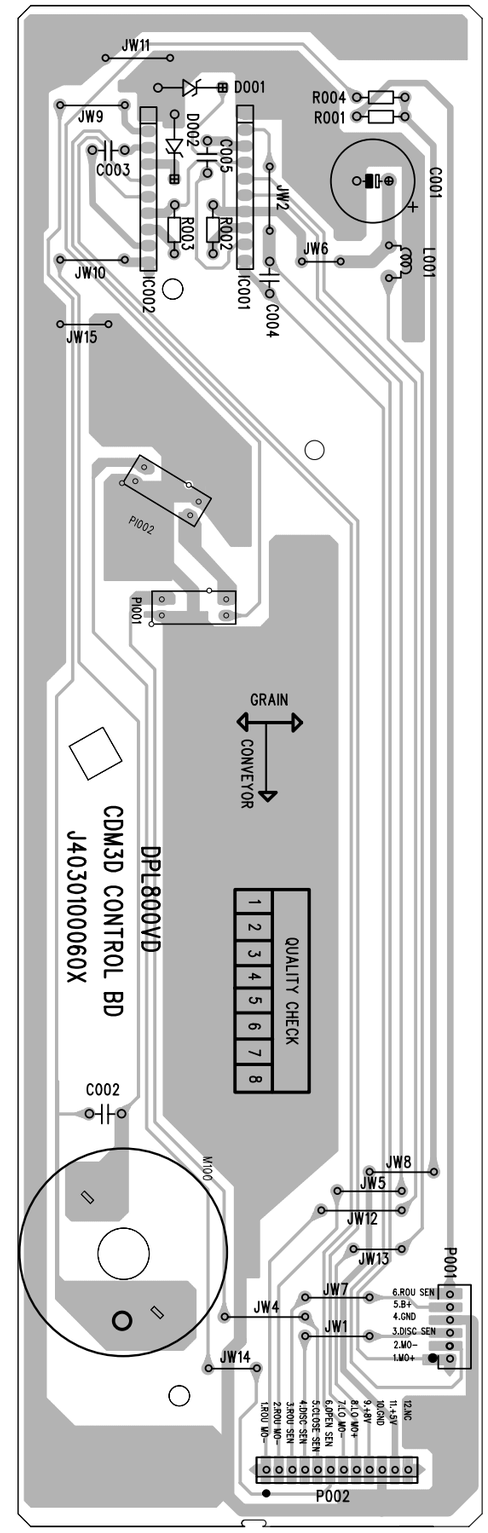
## CD MOTOR CONTROL SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE COMMANDES MOTEURS CD - CD WECHSLER-MOTOR SCHALTBILD - SCHEMA DELLA PIASTRA COMANDI MOTORI CD - ESQUEMA DE LA PLATINA MANDOS MOTORES CD

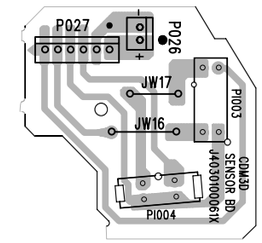





**CD motor control P.C.B.**
**Platine commandes moteur CD**
**Ltpl. CD Wechsler-motor**
**Piastra comandi motori CD**
**Platina de mandos motores CD**



THOMSON

AUDIO

Brandt FERGUSON SABA TELEFUNKEN THOMSON

PARTS LIST
LISTE PIECES DETACHEES
ERSATZTEILLISTE
LISTA PARTI DI RICAMBIO
LISTA DE PIEZAS DE REPUESTO

# THOMSON DPL800VD Chassis DRD1001

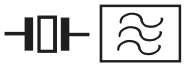
## MODULES

| | | | |
|---|---|---|---|
| **MAIN** | **MAIN** | **R** | **35133670** |
| **AC3** | **AC-3** | **R** | **35133680** |
| **AMPL** | **AMPLI** | **R** | **35133690** |
| **CDM** | **MECHANISM CONTROL** | **R** | **35133730** |
| **KDB** | **DISPLAY/CONTROL** | **R** | **35133660** |
| **MPEG** | **MPEG** | **R** | **35133710** |
| **POWE** | **POWER** | **R** | **35133720** |
| **RFFI** | **TUNER** | **R** | **35133740** |
| **SMPS** | **SMPS** | **R** | **35135600** |
| **UCOM** | **U-COM** | **R** | **35133700** |

| | | |
|---|---|---|
| **IC**001,002 | LB1641 | 20656300 |
| **IC**100 | CS492305-CL FLAT | 35129170 |
| **IC**101 | AT27LV010A FLAT ***(AC3)*** | 35129180 |
| **IC**101 | KIC9164 ***(MAIN)*** | 35135130 |
| **IC**102 | KIC9162AN ***(MAIN)*** | 35128300 |
| **IC**102 | TC74VHC153MX FLAT ***(AC3)*** | 35135220 |
| **IC**103 | TC9184AP ***(MAIN)*** | 35128170 |
| **IC**103 | CS8414-CS FLAT ***(AC3)*** | 35135230 |
| **IC**104 | AK5352 FLAT ***(AC3)*** | 35135240 |
| **IC**104 | TC9482N ***(MAIN)*** | 35108660 |
| **IC**105,106,107 | AK4393 FLAT ***(AC3)*** | 35135250 |
| **IC**105 | KIA7815PI ***(MAIN)*** | 35128320 |
| **IC**106 | KIA7915PI | 35093430 |
| **IC**107 | IC KIA7805PI 5V | 20295270 |
| **IC**108,109 | F/F74VHC574MX FLAT ***(AC3)*** | 35108720 |
| **IC**108 | KIA7905PI ***(MAIN)*** | 35108640 |
| **IC**109 | KIA7812PI | 35096810 |
| **IC**110,111,112, 113,114,115, 116,117,118, 119,120,121, 122,123,124, 125,126 | NJM2068DD FLAT | 35109040 |
| **IC**110 | TC74VHC157MX FLAT | 35135260 |
| **IC**111 | TC74VHC244MX FLAT | 35108710 |
| **IC**113 | NJU6324M FLAT | 35135660 |
| **IC**114 | BU4094 FLAT | 35135650 |
| **IC**115 | BU4051BCF FLAT | 35096680 |
| **IC**151,152,153 | NJM2296 FLAT | 35128070 |
| **IC**156 | M35053 | 35135140 |
| **IC**701 | CXP82860-304Q FLAT | 35130480 |
| **IC**801 | CXP82860-303Q FLAT | 35134410 |
| **IC**802 | BU1924F FLAT | 35134400 |
| **IC**901 | TC74HCU04M1R FLAT | 35135430 |
| **RMC**71 | GP1U287R | 20852030 |

| | | |
|---|---|---|
| **PI**001,002,003 | RPI-574 | 20586840 |
| **PI**004 | GP2S28 | 20556130 |
| **Q**001 | KRC107M | 35093030 |
| **Q**101,102,103, 104,105,106, **QV**109,**QV**110, **QV**111,**QV**114, **QV**115,**QV**117 | KTC2878 | 35130520 |
| **Q**107,653,654, **QV**103,**QV**105 | 2SC1740S/QRS/-T SMD | 35105660 |
| **Q**108,109,110, 111 | KRA107M | 35093280 |
| **Q**118,120,121, 122,123,651, 901,902,903, 904 | DTC114YS SMD | 35135180 |
| **Q**652,**QC**501, **QL**501,**QR**501, **QS**501,**QS**601 | 2SA1266Y | 20508210 |
| **Q**701 | KTC3875S SMD | 35033830 |
| **Q**712,**QV**112, **QV**116,**QV**118, **QV**119,**QV**120 | DTC114YKA SMD | 35095340 |
| **Q**801 | KTA1504S SMD | 35096700 |
| **QC**502,503,504, 505,**QL**502,503, 504,505,**QR**502, 503,504,505, **QS**502,503,504, 505,602,603, 604,605 | KTA1268GR | 35093320 |
| **QC**506,507,515, **QL**506,507,515, **QR**506,507,515, **QS**506,507,515, 606,607,615 | KTC3200BL | 20556600 |
| **QC**508,**QL**508, **QR**508,**QS**508, 608 | KTA1024 | 35108380 |
| **QC**509,**QL**509, **QR**509,**QS**509, 609 | KTC3206 | 35128040 |
| **QC**510,**QL**510, **QR**510,**QS**510, 610 | 2SC4137 | 35108350 |
| **QC**511,**QL**511, **QR**511,**QS**511, 611 | 2SD2493 | 35108360 |
| **QC**512,**QL**512, **QR**512,**QS**512, 612 | 2SB1624 | 35108370 |
| **QV**101,104,106, 107 | 2SA933S | 35135160 |
| **QV**102,108,113, 121 | DTA114YKA | 35095350 |

| | | |
|---|---|---|
| **D**001 | 1N5230B 4.7V | 20289370 |
| **D**002 | 1N5232B 5.6V | 20414280 |
| **D**1 | LTL-1C LED SMD | 35108030 |
| **D**101,102,103, 104,906,907 | 1N4004 | 11073460 |
| **D**110,111,112, 113,908,909, 910,911,**DC**501, **DC**502,**DL**501, **DL**502,**DR**501, **DR**502,**DS**501, **DS**502,**DS**601, **DS**602 | 1N4148 | 44009209 |
| **D**2,3,4,5,6,7, 8 | KDS160 SMD | 35135210 |
| **D**701,801,802 | RB501V SMD | 35135550 |
| **D**901 | D15XB60 | 35135410 |
| **DV**101,102,103, 104,105,106, 107,108 | 1SS355 SMD | 20726770 |
| **LED**72 | LTL-1CHE3 LED | 35095420 |



| | | |
|---|---|---|
| **X**001 | 12M288HZ | 35128290 |
| **X**701,801 | 10M0HZ | 35128130 |
| **X**802 | 4M332HZ | 35134420 |
| **XV**101 | 4M43361HZ | 35135190 |

**R : RECYCLED PART**
**: PIECE RECYCLEE**
**: AUSTAUSCHTEILE**
**: RICAMBIO RICICLATO**
**: MODULO REPROCESADO**

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VERSION 3 03 / 2002
**VERSION 4 03 / 2004**

**35135710**



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| | | |
|---|---|---|
| **JOG**71 | | 35128160 |
| **JOG**72 | | 35130500 |

| | | |
|---|---|---|
| **RC**533,**RL**533, **RR**533,**RS**533, 633 | 0R39 OHM 5W | ⚠ 35108400 |

| | | |
|---|---|---|
| **C**832 | 0U047F 5V5 | 35108410 |
| **C**906,907 | 10000UF 50V | 35129120 |

| | | |
|---|---|---|
| **TRANSF ALIM** | | ⚠ 35130460 |

## OTHER PARTS
## AUTRES PIECES
## SONSTIGE TEILE
## ALTRE PARTI
## OTRAS PIEZAS

| | | |
|---|---|---|
| **DA**201 | CABLE FLAT 12 PINS (220MM)<br>CABLE NAPPE 12 VOIES (220MM)<br>FOLIENKABEL 12 PINS (220MM)<br>CAVO DI COLLEGAMENTO 12<br>SPINOTTI (220MM)<br>CABLE 12 PUNTOS (220MM) | 35135720 |
| **DA**202 | CABLE FLAT 10 PINS<br>CABLE NAPPE 10 VOIES<br>FOLIENKABEL 10 PINS<br>CAVO DI COLLEGAMENTO 10<br>SPINOTTI<br>CABLE 10 PUNTOS | 35135730 |
| **F**901 | 4AT 250V TIME LAG FUSE<br>4AT 250V FUSIBLE TEMPORISE<br>4AT 250V SICHERUNG<br>4AT 250V FUSIBILETEMPORIZZATO<br>4AT 250V FUSIBLE TEMPORIZADO | ⚠ 35057960 |
| **FL**701 | DISPLAY LCD<br>AFFICHEUR LCD<br>LCD-ANZEIGE<br>VISUALIZZATORE LCD<br>VISUALIZADOR LCD | 35130470 |
| **HP**701 | JACK SOCKET<br>PRISE JACK<br>BUCHSE<br>PRESA JACK<br>TOMA JACK | 35097390 |
| **JA**11 | CINCH SOCKET 6P<br>PRISE CINCH 6P<br>CHINCH-BUCHSE 6P<br>PRESA CINCH 6P<br>TOMA CINCH 6P | 35128230 |
| **JA**5,13 | CINCH SOCKET 1P<br>PRISE CINCH 1P<br>CHINCH-BUCHSE 1P<br>PRESA CINCH 1P<br>TOMA CINCH 1P | 35134350 |
| **JA**15 | CINCH SOCKET 2P<br>PRISE CINCH 2P<br>CHINCH-BUCHSE 2P<br>PRESA CINCH 2P<br>TOMA CINCH 2P | 35135150 |
| **JA**16,17,18,19 | S-VIDEO JACK SOCKET<br>PRISE JACK S-VIDEO<br>S-VIDEO JACK-BUCHSE<br>PRESA JACK S-VIDEO<br>TOMA JACK S-VIDEO | 35127920 |
| **JA**2 | OPTICAL SOCKET<br>PRISE OPTIQUE<br>OPTICAL-BUCHSE<br>PRESA OTTICA<br>TOMA OPTICO | 35109050 |
| **JA**3 | OPTICAL SOCKET<br>PRISE OPTIQUE<br>OPTICAL-BUCHSE<br>PRESA OTTICA<br>TOMA OPTICO | 35135460 |
| **JA**6,7 | SCART SOCKET<br>PRISE PERITEL<br>EURO-AV-BUCHSE<br>EUROPRESA NORMALIZZATA<br>EUROCONECTOR | 35134360 |
| **JA**701 | JACK SOCKET<br>PRISE JACK<br>JACK-BUCHSE<br>PRESA JACK<br>TOMA JACK | 35108480 |
| **JA**703 | CINCH SOCKET 3P<br>PRISE CINCH 3P<br>CHINCH-BUCHSE 3P<br>PRESA CINCH 3P<br>TOMA CINCH 3P | 35130490 |
| **JA**91 | LOUDSPEAKER SOCKET 8P<br>PRISE HAUT PARLEUR 8P<br>LAUTSPRECHERBUCHSE 8P<br>PRESA ALTOPARLANTE 8P<br>TOMA ALTAVOZ 8P | 35135470 |
| **JA**92 | LOUDSPEAKER SOCKET 2P<br>PRISE HAUT PARLEUR 2P<br>LAUTSPRECHERBUCHSE 2P<br>PRESA ALTOPARLANTE 2P<br>TOMA ALTAVOZ 2P | 35135480 |
| **RY**901,904 | SDT-S-112LMR RELAY 12V<br>SDT-S-112LMR RELAIS 12V<br>SDT-S-112LMR RELAIS 12V<br>SDT-S-112LMR RELEE 12V<br>SDT-S-112LMR RELEE 12V | ⚠ 35095470 |
| **RY**902,903 | OSA-SS-212 RELAY 12V<br>OSA-SS-212 RELAIS 12V<br>OSA-SS-212 RELAIS 12V<br>OSA-SS-212 RELEE 12V<br>OSA-SS-212 RELEE 12V | ⚠ 35135490 |
| **SW**701 | ON/OFF SWITCH<br>CONTACTEUR MARCHE/ARRET<br>EIN-AUS SCHALTER<br>CONTATTORE ACCESO/SPENTO<br>CONTACTOR MARCHA/PARADA | ⚠ 35109090 |
| **SW**702,703, 709,710,711, 712,713,714, 715,716,717, 718,719,720, 721,722,723, 724,725,726, 727,728,729, 730,731,732, 733,737 | MICROSWITCH<br>MICRO CONTACTEUR<br>MIKROSCHALTER<br>MICROINTERRUTTORE<br>MICROCONTACTOR | 35108020 |
| **SW**736 | MICROSWITCH<br>MICRO CONTACTEUR<br>MIKROSCHALTER<br>MICROINTERRUTTORE<br>MICROCONTACTOR | 35130510 |
| **UA**801 | CABLE FLAT 13 PINS<br>CABLE NAPPE 13 VOIES<br>FOLIENKABEL 13 PINS<br>CAVO DI COLLEGAMENTO 13<br>SPINOTTI<br>CABLE 13 PUNTOS | 35135500 |
| **UA**802 | CABLE FLAT 15 PINS<br>CABLE NAPPE 15 VOIES<br>FOLIENKABEL 15 PINS<br>CAVO DI COLLEGAMENTO 15<br>SPINOTTI<br>CABLE 15 PUNTOS | 35135510 |
| **UA**803 | CABLE FLAT 19 PINS (80MM)<br>CABLE NAPPE 19 VOIES (80MM)<br>FOLIENKABEL 19 PINS (80MM)<br>CAVO DI COLLEGAMENTO 19<br>SPINOTTI (80MM)<br>CABLE 19 PUNTOS (80MM) | 35135520 |
| **UA**804 | CABLE FLAT 17 PINS 150MM)<br>CABLE NAPPE 17 VOIES (150MM)<br>FOLIENKABEL 17 PINS (150MM)<br>CAVO DI COLLEGAMENTO 17<br>SPINOTTI (150MM)<br>CABLE 17 PUNTOS (150MM) | 35135530 |
| **UA**805 | CABLE FLAT 21 PINS (200MM)<br>CABLE NAPPE 21 VOIES (200MM)<br>FOLIENKABEL 21 PINS (200MM)<br>CAVO DI COLLEGAMENTO 21<br>SPINOTTI (200MM)<br>CABLE 21 PUNTOS (200MM) | 35135540 |

## EQUIPMENT/PRESENTATION
## EQUIPEMENT/PRESENTATION
## AUSSTATTUNG/GEHAEUSE
## PARTI VARIE
## EQUIPO/PRESENTACION

| | |
|---|---|
| LOUDSPEAKER BOX SUBWOOFER<br>ENCEINTE ACOUSTIQUE SUBWOOFER<br>LAUTSPRECHERBOX SUBWOOFER<br>CASSA ACUSTICA SUBWOOFER<br>CAJA ACUSTICA SUBWOOFER | 35136330 |
| SURROUND LOUDSPEAKER BOX RIGHT OR LEFT<br>ENCEINTE ACOUSTIQUE SURROUND D OU GAUCHE<br>SURROUND LAUTSPRECHERBOX RECH. OD. LINKS<br>CASSA ACUSTICA SURROUND DESTRA O SINIST.<br>CAJA ACUSTICA SURROUND DEREC. O IZQUIER. | 35136320 |
| MAIN LOUDSPEAKER BOX RIGHT OR LEFT<br>ENCEINTE ACOUS.PRINCIP. DROITE OU GAUCHE<br>MAIN LAUTSPRECHERBOX RECHTS ODER LINKS<br>CASSA ACUSTIC.PRINCIP. DESTRA O SINISTRA<br>CAJA ACUSTIC.PRINCIP.DERECHA O IZQUIERDA | 35136310 |
| CENTRAL LOUDSPEAKER BOX<br>ENCEINTE ACOUSTIQUE CENTRALE<br>CENTRAL LAUTSPRECHERBOX<br>CASSA ACUSTICA PRINCIPALE CENTRALE<br>CAJA ACUSTICA PRINCIPAL CENTRAL | 35136300 |
| FITTING RIGHT<br>CALE DROITE<br>POLSTER RECHTS<br>DISTANZIATORE DESTRA<br>CALZO DERECHA | 35130440 |
| FITTING LEFT<br>CALE GAUCHE<br>POLSTER LINKS<br>DISTANZIATORE SINISTRO<br>CALZO IZQUIERDA | 35130430 |
| FOLDING BOX<br>EMBALLAGE CARTON<br>KARTON<br>IMBALLAGGIO CARTONE<br>EMBALAJE CARTON | 35130420 |
| POWER SUPPLY LEAD<br>CORDON D'ALIMENTATION<br>NETZKABEL<br>CAVO DI ALIMENTAZIONE<br>CABLE DE ALIMENTACION | ⚠ 35128050 |
| AM ANTENNA<br>AM ANTENNE<br>ANTENNE AM<br>ANTENNA AM<br>ANTENA AM | 35127820 |

FM ANTENNA 35103510
ANTENNE FM
FM ANTENNE
ANTENNA FM
ANTENA FM

CONNECTION LEAD 1+1 CINCH 35093990
CORDON DE LIAISON 1+1 CINCH
ANSCHLUSSKABEL 1+1 CINCH
CAVO DI ALLACCIAMENTO 1+1 CINCH
CAVO DI ALLACCIAMENTO 1+1 CINCH

RCT437MN2 REMOTE CONTROL 21014540
RCT437MN2 TELECOMMANDE
RCT437MN2 FERNBEDIENUNG
RCT437MN2 TELECOMANDO
RCT437MN2 TELEMANDO

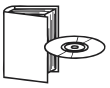
CONNECTION LEAD 2+2 CINCH (RED-BLACK) 10046700
CORDON DE LIAISON 2+2 CINCH (ROUGE-NOIR)
ANSCHLUSSKABEL 2+2 CINCH (ROT-SCWARTZ)
CAVO DI ALLACCIAM. 2+2 CINCH (ROSSA-NEG)
CABLE DE ENLACE 2+2 CINCH (ROJA-NEGRA)

## MECHANISM
## MECANIQUE
## MECHANIK
## MECCANICA
## MECANISMO

CD 3 DISC CHASSIS W/O OPTICAL PLAYER 55087100
CHASSIS CD 3 DISQUES S/S LECTEUR OPTIQUE
3 CD-WECHSLER OHNE CD-LAUFWERK
CHASSIS CD 3 DISCOS SENZA ASSIEME OTTICA
CHASIS CD 3 DISCOS SIN MECANISMO OPTICO

TVK13-1AA/502B OPTICAL PLAYER 10699120
TVK13-1AA/502B LECTEUR OPTIQUE
TVK13-1AA/502B PICK-UP
TVK13-1AA/502B ASSIEME OTTICA
TVK13-1AA/502B MECANISMO OPTICO

MM5B60T24-B MOTOR DC 20949030
MM5B60T24-B MOTEUR DC
MM5B60T24-B MOTOR DC
MM5B60T24-B MOTORE DC
MM5B60T24-B MOTOR DC



DPL800VD UM TH 55076930
DPL800VD NU TH
DPL800VD BA TH
DPL800VD IU TH
DPL800VD IU TH

DPL800VD PARTS LIST 35135710
DPL800VD LISTE DE PIECES DETACHEES
DPL800VD ERSATZTEILLISTE
DPL800VD PARTI DI RICAMBIO
DPL800VD LISTA DE PIEZAS DE REPUESTO

DRD1001 TH SERVICE MANUAL 35135700
DRD1001 TH DOCUMENTATION TECHNIQUE
DRD1001 TH TECHNISCHE DOKUMENTATION
DRD1001 TH DOCUMENTAZIONE TECNICA
DRD1001 TH DOCUMENTACION TECNICA

## CHASSIS AND PRESENTATION
## CHASSIS ET PRESENTATION
## CHASSIS UND GEHAEUSETEILE
## TELAIO E DI PRESENTAZIONE
## CHASIS Y PRESENTACION

006 DISPLAY/CONTROL BOARD 35133660
DISPLAY/CONTROL PLATINE
DISPLAY/CONTROL PLATTE
DISPLAY/CONTROL PIASTRA
DISPLAY/CONTROL PLATINA

011 MAIN BOARD 35133670
MAIN PLATINE
MAIN PLATTE
MAIN PIASTRA
MAIN PLATINA

016 AC-3 BOARD 35133680
AC-3 PLATINE
AC-3 PLATTE
AC-3 PIASTRA
AC-3 PLATINA

021 AMPLI BOARD 35133690
AMPLI PLATINE
AMPLI PLATTE
AMPLI PIASTRA
AMPLI PLATINA

026 U-COM BOARD 35133700
U-COM PLATINE
U-COM PLATTE
U-COM PIASTRA
U-COM PLATINA

031 MPEG BOARD 35133710
MPEG PLATINE
MPEG PLATTE
MPEG PIASTRA
MPEG PLATINA

036 POWER BOARD 35133720
POWER PLATINE
POWER PLATTE
POWER PIASTRA
POWER PLATINA

050 TUNER BOARD 35133740
TUNER PLATINE
TUNER PLATTE
TUNER PIASTRA
TUNER PLATINA

060 SWITCHED MODE POWER 35130460
TRANSFORMER
TRANSFORMATEUR D'ALIMENTATION
TRAFO SCHALTNETZTEIL
TRASFORMATORE DI ALIMENTAZIONE
TRANSFORMADOR DE ALIMENTACION

070 UPPER CASE ASSY 35133890
COFFRET SUPERIEUR
GEHAEUSE OBEN
CASSA SUPERIORE
CAJA SUPERIOR

140 FRONT PANEL 35133760
FACADE
FRONTPLATTE
PANNELLO FRONTALE
PANEL FRONTAL

145 VOLUME KNOB 35133840
BOUTON VOLUME
LAUTSTAERKEKNOPF
ROTELLA DI PLASTICA VOLUME
RUEDA PLASTICA MANDO

150 SET/DEMO BUTTON 35133850
TOUCHE SET/DEMO
SET/DEMO TASTE
TASTO SET/DEMO
TECLA SET/DEMO

155 BUTTON STRIP 3T LEVEL/BASS/TREBLE 35133860
BARRETTE TOUCHES 3T LEVEL/
BASS/TREBLE
TASTENLEISTE FUNKTIONEN 3T
LEVEL/BASS/TR
PIATTINA TASTI 3T LEVEL/BASS/TREBLE
PLACA DE TECLAS 3T LEVEL/BASS/TREBLE

160 BUTTON STRIP 5T PLAY/STOP/REW/ 35133870
FF/OPEN
BARRETTE TOUCHES 5T PLAY/STOP/ REW/FF
TASTENLEISTE FUNKTIONEN 5T
PLAY/STOP/REW
PIATTINA TASTI 5T PLAY/STOP/REW/FF/OPEN
PLACA DE TECLAS 5T PLAY/STOP/REW/FF/OPEN

165 BUTTON STRIP 6T MENU/RETURN/ 35133880
DISC SKIP
BARRETTE TOUCHES 6T MENU/RETURN/DISC
TASTENLEISTE FUNKTIONEN 6T
MENU/RETURN
PIATTINA TASTI 6T MENU/RETURN/DISC SKIP
PLACA DE TECLAS 6T MENU/
RETURN/DISC SKIP

170 BUTTON STRIP 6T SURR/DSP/PLAY 35133830
MODE
BARRETTE TOUCHES 6T SURR/DSP/
PLAY MODE
TASTENLEISTE FUNKTIONEN 6T
SURR/DSP/PLAY
PIATTINA TASTI 6T SURR/DSP/
PLAY MODE
PLACA DE TECLAS 6T SURR/DSP/
PLAY MODE

175 BUTTON STRIP 8T INFO/DVD/SAT/ 35133790
VCR/TV
BARRETTE TOUCHES 8T INFO/DVD/
SAT/VCR/TV
TASTENLEISTE FUNKTIONEN 8T
INFO/DVD/SAT
PIATTINA TASTI 8T INFO/DVD/
SAT/VCR/TV
PLACA DE TECLAS 8T INFO/DVD/
SAT/VCR/TV

180 FRONT PANEL TRIM 35133770
ENJOLIVEUR FACADE
ZIERRAHMEN FRONT PLATTE
FINIZIONE PANNELLO FRONTALE
EMBELLECEDOR DE PANEL FRONTAL

185 TRAY CD TRIM 35133970
ENJOLIVEUR VOLET CD
ZIERRAHMEN CD KLAPPE
FINIZIONE SPORTELLO CD
EMBELLECEDOR DE TAPA CD

190 COVER TRAY CD 35133960
CACHE TIROIR CD
ABDECKUNG SCHUBLADE CD
COPERCHIO CASSETTO CD
CUBIERTA CORREDERA CD

195 DISPLAY WINDOW 35133780
GLACE AFFICHEUR
ANZEIGEFENSTER
VETRO DEL VISUALIZZATORE
CRISTAL DEL VISUALIZADOR

200 KNOB JOG 35133800
BOUTON JOG
KNOPF JOG
MANOPOLA JOG
RUEDA JOG

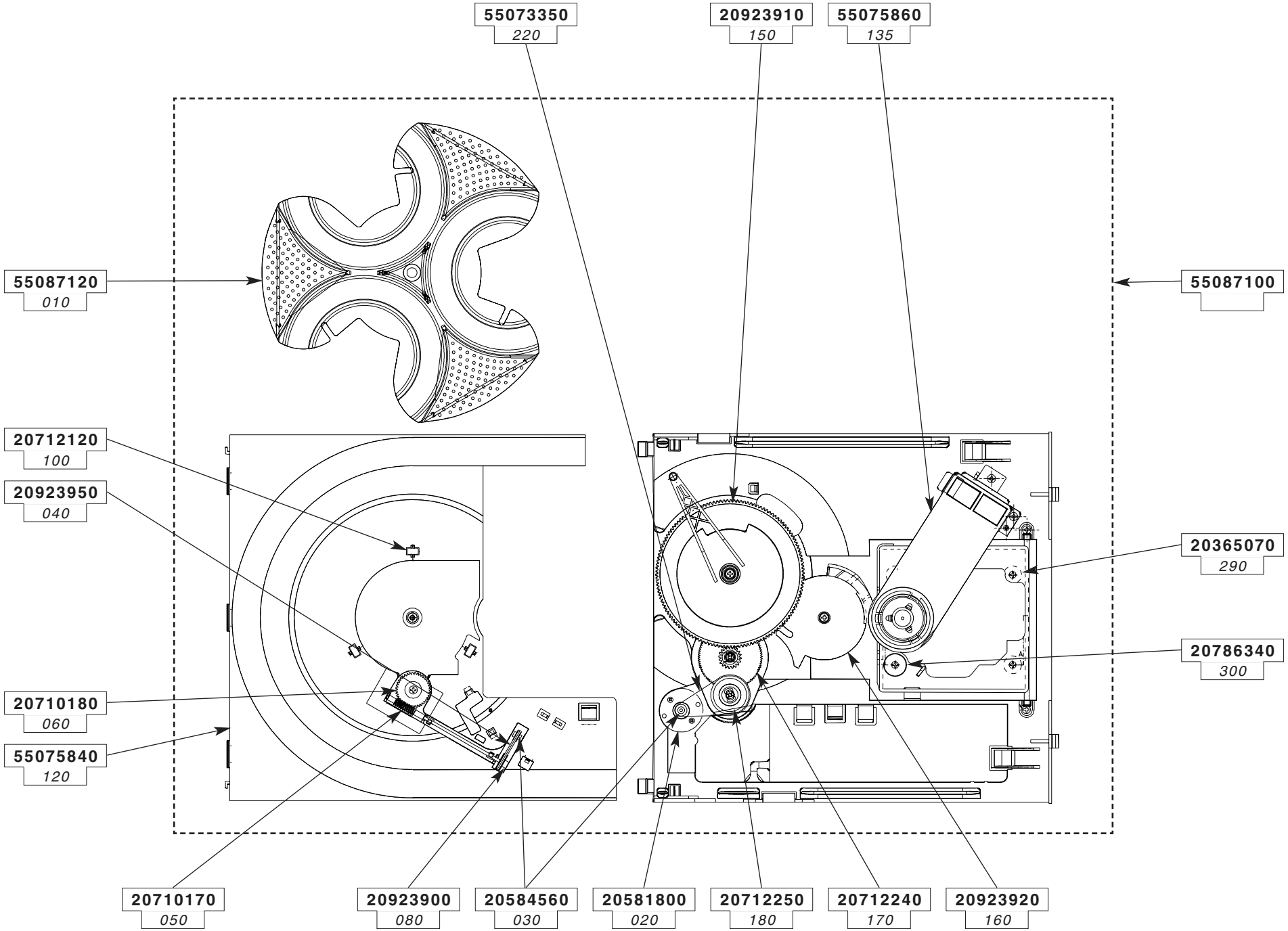
205 STANDBY BUTTON 35133810
TOUCHE VEILLE
TASTE STANDBY
TASTO STANDBY
TECLA STANDBY

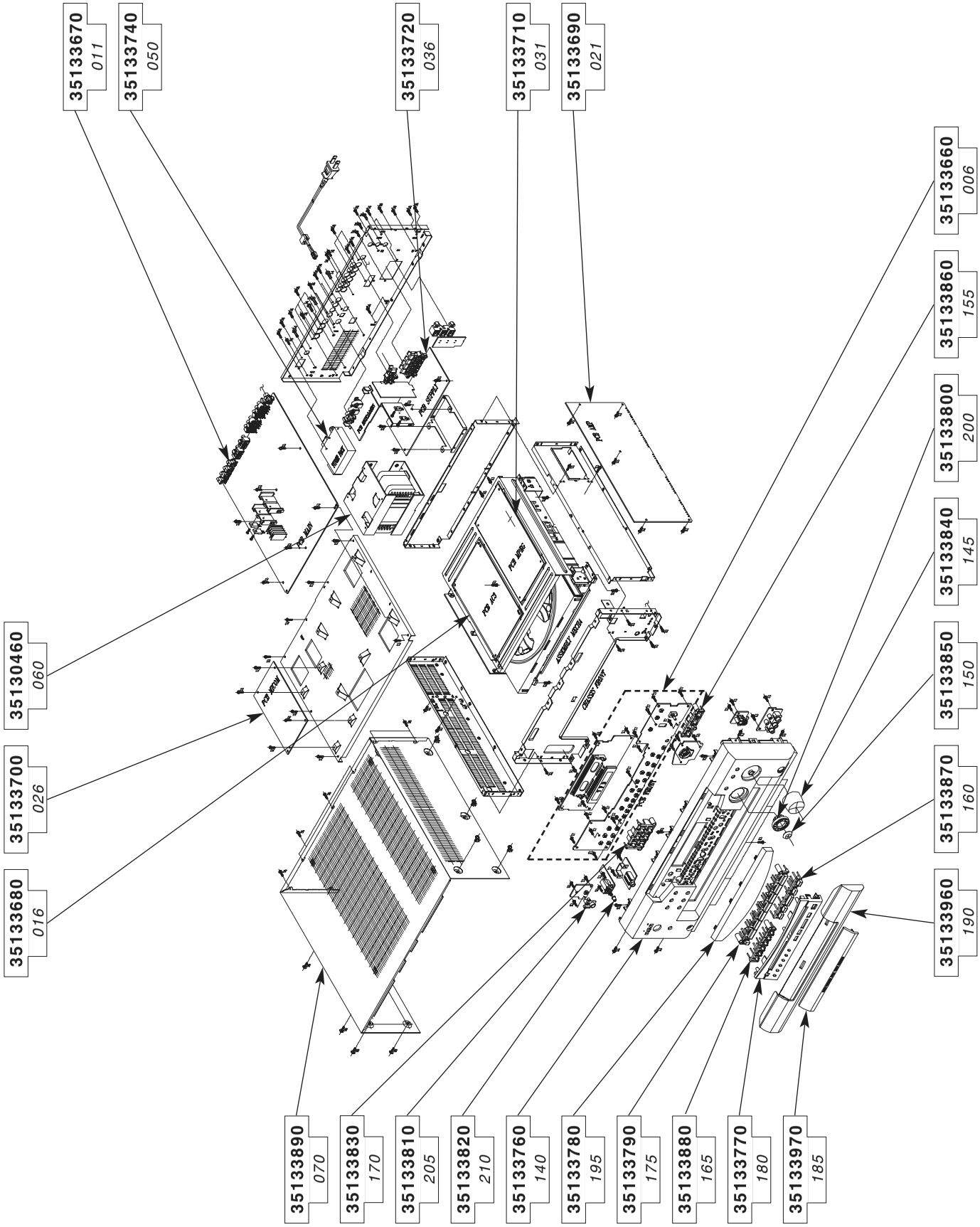
210 ON/OFF BUTTON 35133820
TOUCHE MARCHE/ARRET
EIN-AUS TASTE
TASTO ACCESO/SPENTO
TECLA MARCHA/PARADA

# CD MECHANISM
# MECANIQUE CD
# CD MECHANIK
# MECCANISMO CD
# MECANICA CD

| | | |
|---|---|---|
| | CD 3 DISC CHASSIS W/O OPTICAL PLAYER<br>CHASSIS CD 3 DISQUES S/S LECTEUR OPTIQUE<br>3 CD-WECHSLER OHNE CD-LAUFWERK<br>CHASSIS CD 3 DISCOS SENZA ASSIEME OTTICA<br>CHASIS CD 3 DISCOS SIN MECANISMO OPTICO | 55087100 |
| 010 | TABLE CD<br>PLATEAU CD<br>TELLER CD<br>PIATTO CD<br>PLATO CD | 55087120 |
| 020 | RF-500TB MOTOR DC<br>RF-500TB MOTEUR DC<br>RF-500TB MOTOR DC<br>RF-500TB MOTORE DC<br>RF-500TB MOTOR DC | 20581800 |
| 030 | MOTOR PULLEY TRAY/TABLE CD<br>POULIE MOTEUR TIROIR/PLATEAU CD<br>MOTORROLLE SCHUBLADE/TELLER CD<br>PULEGGIA DEL MOTORE CASSETTO/ PIATTO CD<br>POLEA DE MOTOR CORREDERA/ PLATO CD | 20584560 |
| 040 | RUBBER BELT (TABLE) D:20,8MM<br>COURROIE CAOUTCHOUC (P.PLATEAU) D:20,8MM<br>ANTRIEBSRIEMEN (TELLER) D:20,8MM<br>CINGHIA DI GOMMA (PIATTO) D:20,8MM<br>CORREA DE GOMA (PLATO) D:20,8MM | 20923950 |
| 050 | INTERMEDIATE SPINDLE<br>AXE INTERMEDIAIRE<br>ZWISCHENACHSE<br>SPINOTTO INTERMEDIO<br>EJE INTERMEDIO | 20710170 |
| 060 | GEAR WHEEL PLASTIC<br>ROUE PLASTIQUE DENTEE<br>ZAHNRAD KUNSTSTOFF<br>RUOTA DENTATA IN PLASTICA<br>RUEDA PLASTICA DENTADA | 20710180 |
| 080 | MOTOR PULLEY TABLE CD<br>POULIE MOTEUR POSITION PLATEAU CD<br>MOTORROLLE TELLER CD<br>PULEGGIA DEL MOTORE PIATTO CD<br>POLEA DE MOTOR PLATO CD | 20923900 |
| 100 | RUBBER ROLLER<br>GALET CAOUTCHOUC<br>GUMMIROLLE<br>RULLO DI GOMMA<br>RODILLO DE GOMA | 20712120 |
| 120 | TRAY CD<br>TIROIR CD<br>SCHUBLADE CD<br>CASSETTO CD<br>CORREDERA CD | 55075840 |
| 135 | ARM, PLASTIC<br>BRAS PLASTIQUE<br>ARM, KUNSTSTOFF<br>BRACCIO IN PLASTICA<br>BRAZO PLASTICO | 55075860 |
| 150 | GEAR MAIN<br>ROUE DENTEE PRINCIPALE<br>HAUPT-ZAHNRAD<br>RUOTA DENTATA PRINCIPAL<br>RUEDA DENTADA PRINCIPALE | 20923910 |
| 160 | LIFTER CAM<br>CAME LEVIER<br>NOCKENHEBER<br>CAMMA<br>LEVA | 20923920 |
| 170 | GEAR WHEEL<br>ROUE DENTEE<br>ZAHNRAD<br>RUOTA DENTATA<br>RUEDA DENTADA | 20712240 |
| 180 | INTERMEDIATE GEAR WHEEL<br>POULIE INTERMEDIAIRE DENTEE<br>ZWISCHENZAHNRAD<br>PULEGGIA INTERMEDIA DENTATA<br>POLEA INTERMEDIA DENTADA | 20712250 |
| 220 | RUBBER BELT (MOTOR) D:36,5MM<br>COURROIE CAOUTCHOUC (MOTEUR) D:36,5MM<br>ANTRIEBSRIEMEN (MOTOR) D:36,5MM<br>CINGHIA DI GOMMA (MOTORE) D:36,5MM<br>CORREA DE GOMA (MOTOR) D:36,5MM | 55073350 |
| 290 | BUSH RUBBER CD REAR<br>AMORTISSEUR CAOUTCHOUC CD ARRIERE<br>DAEMPFER GUMMI CD HINTEN<br>AMMORTIZZATORE DI GOMMA CD POSTERIORE<br>AMORTIGUADOR DE GOMA CD TRASERA | 20365070 |
| 300 | BUSH RUBBER CD FRONT<br>AMORTISSEUR CAOUTCHOUC CD AVANT<br>DAEMPFER GUMMI CD VORN<br>AMMORTIZZATORE DI GOMMA CD ANTERIORE<br>AMORTIGUADOR DE GOMA CD DELANTERA | 20786340 |

## CD MECHANISM / MECANIQUE CD / CD MECHANIK / MECCANISMO CD / MECANICA CD






## CHASSIS AND PRESENTATION / CHASSIS ET PRESENTATION / CHASSIS UND GEHAEUSETEILE / TELAIO E DI PRESENTAZIONE / CHASIS Y PRESENTACION

**DPL800VD**



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THOMSON multimedia S.A au capital de 932 655 840 €- 46, Quai Alphonse Le Gallo 92648 Boulogne Cedex FRANCE - RCS NANTERRE B 333 773 174

THOMSON MULTI MEDIA

VIDEO

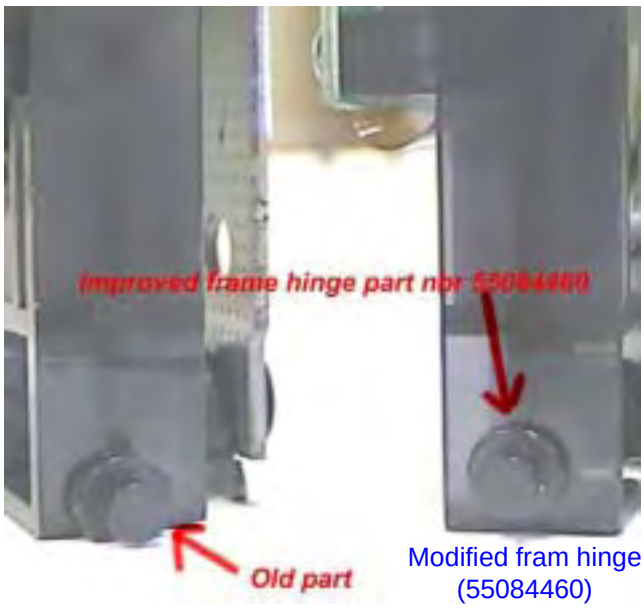
# TECHNICAL INFORMATION N°2002 - 27

## Chassis : DPL800VD

**Symptom / Problem observed :**
Error message display “Disc Error ”.

**Probable cause :**
Misalignment between disc motor, disc puck and carrousel.
(The disc is not positioned correctly as the optical unit is trying to read it).

**Solution :**
To solve this problem the following parts were modified (see photographs).




Modified fram hinge
(55084460)

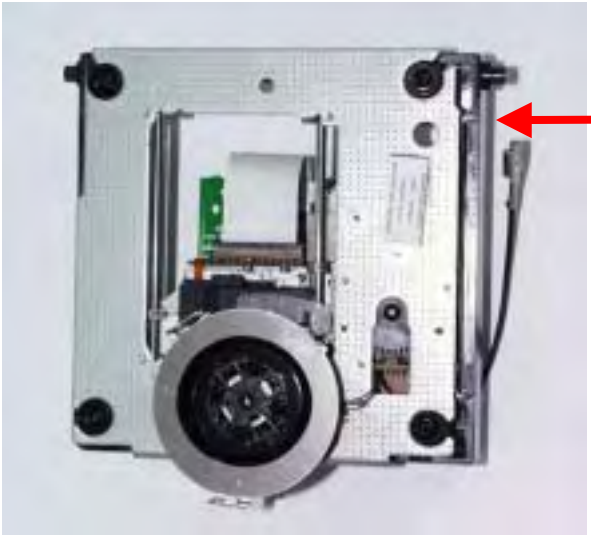
**Nota : Un kit including the modified fram hinge and modified plastic arm is proposed under the PART N°35589750.**

Modified plastic arm
(55154980)

**THOMSON multimedia Sales UK Limited**
30 Tower View, Kings Hill, West Malling, Kent. ME19 4NQ
44(0) 1732 520 920 - **http://www.thomson-network.com**

**Kit Installation**

- Remove old the frame hinge not modified.
- Assemble the new fram hinge modified supplied with the kit (Fig.1).
- Carefully remove the disc center from the old plastic arm.
- Assemble the disc center on the new plastic arm modified supplied with the kit (Fig. 2).
- Set the assembly.



New fram hinge modified supplied with the kit.

(Fig. 1)

(Fig. 2)

IRIS Code : The code mentioned below must be used to report the failure on the warrantee claims form; we have included it to make fault report easier and the data more reliable.

| Symptom | Part code number | Qty | Position | Section | D.Code | R.Code |
|---|---|---|---|---|---|---|
| 3 3 1 2 | 3 5 5 8 9 7 5 0 | 0 1 | | T H R | A 1 | A |

You do not need to write anything in the white boxes.