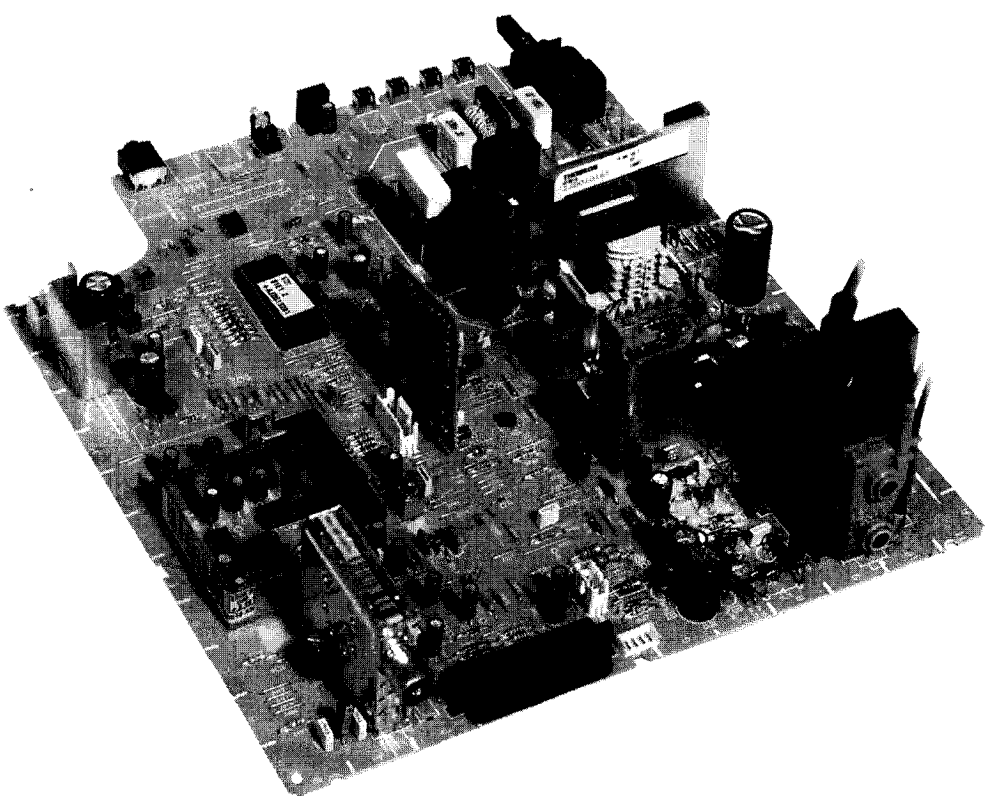
THOMSON MULTI MEDIA

Brandt FERGUSON **NORDMENDE** SABA TELEFUNKEN THOMSON

TV

SERVICE MANUAL
DOCUMENTATION TECHNIQUE
TECHNISCHE DOKUMENTATION
DOCUMENTAZIONE TECNICA
DOCUMENTACION TECNICA

TX807



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

Code: 350 588 40 - 0298 / 23M - TX807 Print. ROSSEELS PRINTING : 01 53 01 ■ 11

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Technical Information

Chassis : **TX807**
TX807C
TX807CS

TELEVISION

Section :

Power supply

H_Deflection circuit

V_Deflection circuit

HF-IF circuit

Input / Output - Scart

Mechanical

Control panel

Data processing

Audio processing

Video processing

Picture Tube - Display

General

Power supply

Symptom description

TX807

Burst mode actived.
Failure of bridge rectifier RS205-K106 (600 V) DP01.
Failure of the 24-volt zener diode in position DP27 for no specific reason.
Improving the stability and reliability of +5VR supply voltage.
Introduction index 02 PCB.
Picture distorsion, with horizontal jitter.
The picture being modulated by the low frequency audio components at high volume levels.
Transistor in position TP20.

TX807C/CS

After having switch off the TV by the mains swicth, it is impossible to switch it ON again.
Excessive delay at switch ON.
Failure of resistor 10W 5% 0.430W in position RL035.
From standby, TV doesn't start. (1)
From standby, TV doesn't start. (2)
From standby, TV doesn't start or TV starts by itself without any action on the remote control.
Moire.
Transistor in position TP020.
TV doesn't start.



H_Deflection circuit

Symptom description

TX807

Improvement the reliability of the line output transistor TL02.

TX807C/CS

Breathing effect.
East-West Module EWM80050.
Evolution of switched mode power transformer.
Evolution transistor in position TL035.
Excessive picture width.
Picture flickering.
Ringing effect.
Sometimes after switching the TV to standby, (or switch OFF) after glow can be visible at the center of the screen.

V_Deflection circuit

Symptom description

TX807C/CS

In the middle of the screen you can observe horizontal disturbances, easily visible on normal picture.
Set switches to security.



HF-IF circuit

Symptom description

TX807

Visible white dots on red or black picture contents (similar to sparkles on satellite reception).

TX807C/CS

Evolution of VHF/UHF Tuner.



Control panel

Symptom description

TX807C/CS

IR circuit inoperative.

Data processing

Symptom description

TX807

Background noise in loudspeaker at low volume levels.
Crackling noise in standby.

TX807C/CS

Noisy sound in AV mode.



Audio processing

Symptom description

TX807

Ploc, noise in loudspeaker & Headphone.

TX807C/CS

Integrated Circuit in position IS001.

Integrated Circuit in position IS100.



Video processing

Symptom description

TX807

Integrated circuit in position IV01.

TX807C/CS

After glow effect. (1)
After glow effect. (2)
Evolution of TDA9554PS/N1 (IV001) software.
Noisy sound in AV mode - Video mute - Switching voltage
Vertical drift problem on bottom part of the picture.



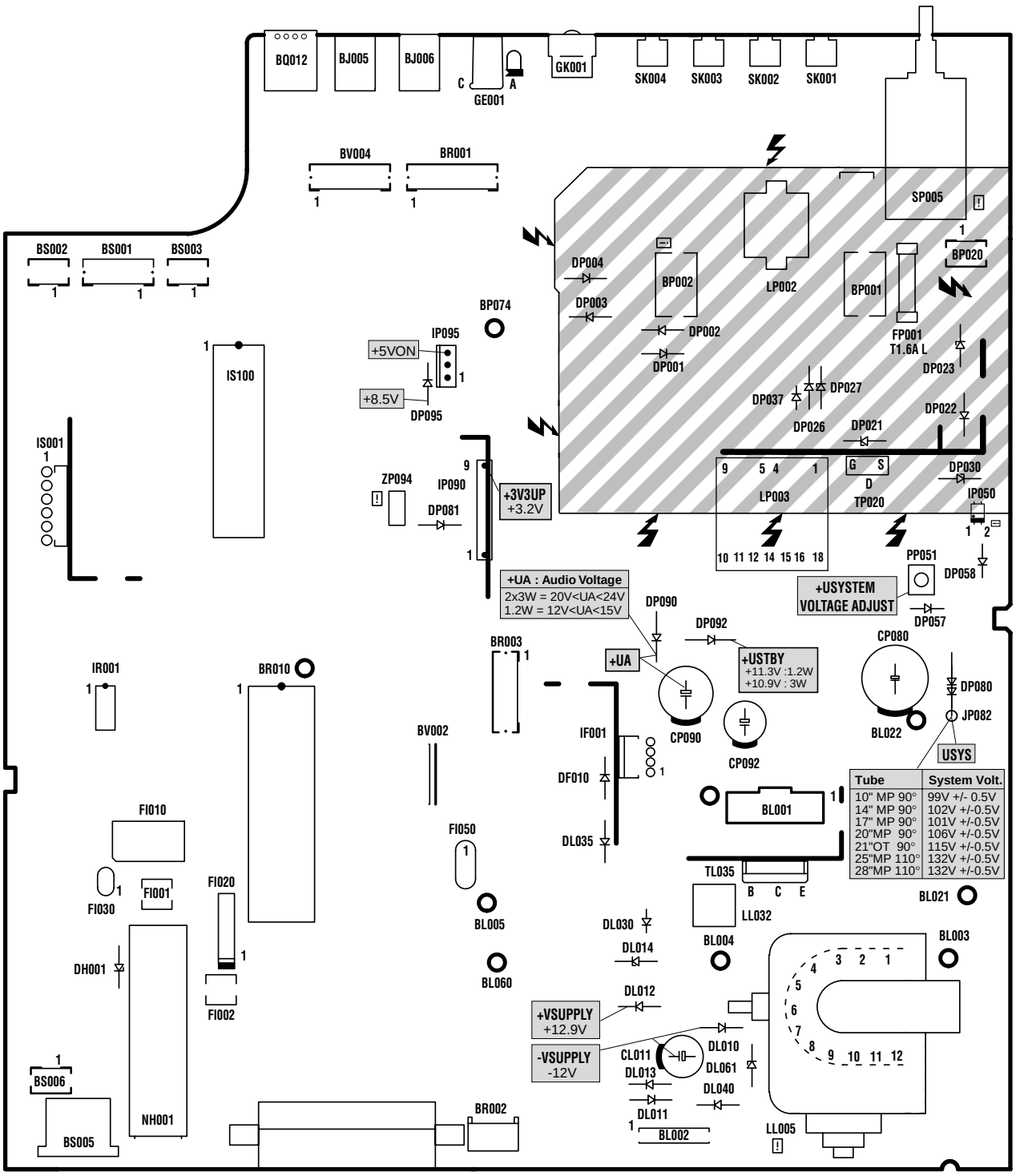
Picture Tube - Display

Symptom description

TX807C/CS

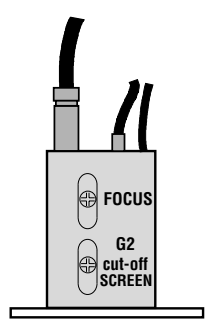
Sometimes after switching the TV to standby, (or switch OFF) after glow can be visible at the center of the screen.

LOCATION OF CONTROLS - EMPLACEMENT DES REGLAGES - SERVICE LAGEPLAN - POSIZIONE REGULATORI DI SERVIZIO - SITUACIÓN DE LOS AJUSTES



Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello châssis collegata alla rete.
Parte del chasis conectada a la red.

⚠ Use isolating mains transformer -
Utiliser un transformateur isolateur du secteur -
Trenntrafo verwenden -
Utilizar un transformador aislador de red -
Utilizzare un transformatore per isolarvi dalla rete



ADJUSTMENTS - REGLAGES - EINSTELLUNGEN - REGOLAZIONE - AJUSTES

U G2 / CUTOFF	LL05	Peak white pattern + + = 50%	highest output CRT IB01: Pins 9 / 8 / 7	V 0	Tube / V Cut-off 10" MP 90° 125V +/- 3V 14" MP 90° 125V +/- 3V 17" MP 90° 140V +/- 3V 20" MP 90° 140V +/- 3V 21" MP 90° 140V +/- 3V 21" OT 90° 140V +/- 3V 25" MP110° 140V +/- 3V
FOCUS	LL05	Coontrast = 100% Brightness = 0% Test pattern (standard values)			Sharp picture
MAIN **SYSTEM VOLTAGE** **+USYS**	PP051	+ + = 50% TV to AV : Black tes pattern AV	+USYS DP 080 CP80 V		Tube / Usys / RL090 / JL981-982 / JL991-992 10" MP 90° 99V +/- 0.5V 76kΩ JL981 JL992 14" MP 90° 102V +/-0.5V 76kΩ JL982 JL992 17" MP 90° 101V +/-0.5V 76kΩ JL982 JL991 20"MP 90° 106V +/-0.5V 86kΩ JL981 JL992 21"OT 90° 115V +/-0.5V 95kΩ JL982 JL992 25"MP 110° 132V +/-0.5V - JL981 JL992 28"MP 110° 132V +/-0.5V - JL981 JL992

SERVICE-MODE GB

It is necessary to enter the Service Mode in order to carry out alignment of the TV set. Most adjustments can be made with the RCU, except the Focus and Screen voltages.

1. Service Mode Access

1.1 With the RCU, switch the TV set into the "**Standby**" mode.
1.2 Switch "**Off**" the TV set by mains supply switch (wait until LED is dark).
1.3 Whilst pressing the "**Magenta** (text)" button on the RCU switch "**On**" the TV set using the mains switch.
Continue to press the "**Magenta** (text)" button until the Service-setup Sub-menu appears.

ID 00.07 *(1)*

INIT ◁ ▷ *(2)*
STANDARD 00 0-03 *(3)*

2. Service Menu

2.1 Navigation

- Press the ∧ / ∨ buttons to select the menu line.
- Press the 〈 / 〉 buttons to make adjustments or selection of a menu item.

2.2 Service-Menu lines

Set-up lines (INIT,STANDARD,OSDCONTR) -
Geometry lines (HS,VS, VA, SC,VSH)
Video lines (CL, BLORS/BLORP,BLOGS/BLOGP,WPRS/WPRP,WPGS/WPGP, WPBS/WPBP, PWS/PWP, BKS, YD) -
IF lines (TOP) -
Videoprocessor (CD0, CD1, SYN0, SYN1, DEF,VI0,VI1,SOUND,CONT0, CONT1,FEAT0).

2.3 Activation of a line :

The first line (1) is continuously displayed. Sequential selection of the others lines in the Service Menu is possible by pressing the ∧ / ∨ buttons on the RCU. The selected line will be highlighted in YELLOW text.

3. Alignment and storing new function value

3.1 The current value of the selected function is displayed in a hexadecimal form to the right of the function name. This value is adjusted by means of the RCU 〈 / 〉 buttons.
3.2 The values will be stored in the non-volatile memory when leaving the service menu.
3.3 To leave the Service menu press the "**Exit**" button on the RCU.

4. Temporary exit from Service Mode

4.1 To temporary leave the Service Mode, press the "**Exit**" button on the RCU. To access the everyday menus, press the "**Menu**" button on the RCU.
4.2 To return to the Service Menu, press the "**Magenta**" button on the RCU

5. Leaving the Service Mode

5.1 To **EXIT** the Service Menu either press, the "**Standby**" button on the RCU or switch "**Off**" the mains supply to the TV.

MODE SERVICE F

Le mode service sert au réglage de l'appareil. Toutes les opérations de réglage s'effectuent à l'aide de la télécommande (sauf les réglages de Focus et de tension de grille-écran).

1. Accès au mode service

1.1 Commuter le téléviseur en position de veille avec la télécommande.
1.2 Eteindre le téléviseur par l'interrupteur secteur (attendre l'extinction complète du voyant).
1.3 Maintenir la touche "**Magenta** (text)" enfoncée et mettre simultanément le téléviseur en marche avec l'interrupteur secteur. Ne pas relacher la touche "**Magenta** (text)" jusqu'à apparition du menu

ID 00.07 *(1)*

INIT *(2)*
STANDARD 00 0-03 *(3)*

2. Menu Service

2.1 Déplacement

- Appuyer sur la touche ∧ / ∨ pour sélectionner une ligne de menu.
- Appuyer sur la touche 〈 / 〉pour un réglage ou une sélection d'une option.

2.2 Lignes de Menus du mode service

Set-up lines (INIT,STANDARD,OSDCONTR) -
Geometry lines (HS,VS, VA, SC,VSH)
Video lines (CL, BLORS/BLORP,BLOGS/BLOGP,WPRS/WPRP,WPGS/WPGP, WPBS/WPBP, PWS/PWP, BKS, YD) - **IF lines** (TOP) -
Videoprocessor (CD0, CD1, SYN0, SYN1, DEF,VI0,VI1,SOUND,CONT0, CONT1,FEAT0).

2.3 Sélection d'une ligne:

La premières ligne (1) du menu est toujours affichée.
De courtes pressions sur la touche "∧ / ∨" sélectionnent séquentiellement les lignes (2) ou (3) du menu de service.
La ligne activée est de couleur jaune.

3. Réglage des fonctions sélectionnées; mémorisation

3.1 La valeur momentanée de la fonction sélectionnée est indiquée sous forme hexadécimale à droite, à coté de la position à régler et peut être modifiée avec la télécommande par la touche 〈 / 〉.
3.2 La valeur de réglage est mémorisée dans la mémoire non volatile en sortie de mode service.
3.3 Appuyer sur la touche "**Exit**" pour sortir d'un sous-menu.

4. Sortie temporaire du mode service

4.1 Utiliser la touche "**Exit**" de la télécommande.
Le menu utilisateur peut-être accesible via la touche "**Menu**".
4.2 Pour entrer à nouveau dans le Menu Setup utiliser la touche magenta.

5. Sortie du mode service

5.1 Pour sortir du mode service, commuter le téléviseur en position de veille ou le mettre hors service par l'interrupteur secteur.

SERVICE-MODE D

Der Service-Mode wird für den Geräteabgleich benötigt. Alle Einstellungen erfolgen mit der Fernbedienung (bis auf Fokuseinstellung und Schirmgitterspannung).

1.Service-Mode einschalten

1.1 Mit der Fernbedienung das Fernsehgerät in Stand-by schalten.
1.2 Das Gerät mit dem Netzschalter ausschalten (warten bis LED dunkel ist)
1.3 Während Sie die margentafarbene Taste **(text)** auf der Fernbedienung gedrückt halten, schalten Sie das Gerät mit dem Netzschalter ein. Halten Sie die margentafarbene Taste solange gedrückt bis das Service Setup Sub-Menü erscheint.

ID 00.07 *(1)*

INIT *(2)*
STANDARD 00 0-03 *(3)*

2. Service Menü

2.1 Navigation

-Drücken Sie die Tasten ∧ / ∨ zum Auswählen der Menüzeile.
-Drücken Sie die 〈 / 〉 -Tasten um eine Menüfunktion anzuwählen oder abzugleichen.

2.2 Service-Menü Zeilen

Set-up lines (INIT,STANDARD,OSDCONTR) -
Geometry lines (HS,VS, VA, SC,VSH)
Video lines (CL, BLORS/BLORP,BLOGS/BLOGP,WPRS/WPRP,WPGS/WPGP, WPBS/WPBP, PWS/PWP, BKS, YD) - **IF lines** (TOP) -
Videoprocessor (CD0, CD1, SYN0, SYN1, DEF,VI0,VI1,SOUND,CONT0, CONT1,FEAT0).

2.3 Aktivierung einer Menüzeile:

Die erste Zeile (1) wird ständig angezeigt. Die Anwahl der Zeilen (2) und (3) im Service-Menü ist durch Drücken der ∧ / ∨- Tasten möglich.
Die gewählte Zeile wird in gelber Farbe dargestellt.

3. Abgleich der gewählten Funktion und Speichern

3.1 Der momentane Wert der gewählten Funktion wird hexadezimal rechts neben der abzugleichenden Position angegeben und kann mit der Taste 〈 / 〉 auf der Fernbedienung verändert werden.
3.2 Die Werte werden nach dem Verlassen des Service-Menüs im nichtflüchtigen Speicher (EEPROM) abgelegt.
3.3 Drücken Sie "**Exit**" zum Verlassen eines Service Sub-Menüs.

4. Vorübergehendes verlassen des Service-Mode

4.1 Auf der Fernbedienung Exit drücken.
Mit der Tasten Menü gelangen Sie zum Menü-Übersicht.
4.2 Durch Drücken der margentafarbenen Taste gelangen Sie in das Service Setup Sub-Menü.

5. Service-Mode verlassen

5.1 Zum Verlassen des Service-Mode das Gerät in Stand By schalten oder mit dem Netzschalter ausschalten.

MODO SERVICIO E

Se necesita el MODO SERVICIO para ajustar el aparato. Todos los ajustes se hacen con el mando a distancia (a excepción de la tensión del sistema, los ajustes del foco y las tensiones de la rejilla de pantalla).

1. Ajustar el Modo Servicio

1.1 Con el mando a distancia conectar a STANDBY el televisor.
1.2 Desconectar el aparato con el interruptor de la red (esperar hasta que el LED se apague).
1.3 Mientras mantiene pulsado el botón "**Magenta** (texto)" de la UCR, pulse el interruptor general de red para encender el televisor.
Mantenga pulsado el botón "**Magenta** (texto)" hasta que aparezca el submenú de la configuración del servicio.

ID 00.07 *(1)*

INIT *(2)*
STANDARD 00 0-03 *(3)*

2. Menú Servicio.

2.1 Desplazamiento
- Pulse el botón ∧ / ∨ para seleccionar la línea del menú.
- Pulse el botón 〈 / 〉 para ajustar o seleccionar una opción del menú.

SERVICE-MODE I

Il Service-Mode è necessario per l'allineamento dell'apparecchio. Tutte le regolazioni si effettuano con il telecomando. (tranne le regolazionu del fuoco e le tensioni della griglia schermo).

1. Attivazione del Service-Mode

1.1 Commutare il televisore in stand-by con il telecomando.
1.2 Spegnere l'apparecchio con l'interruttore di rete (attendere finché il LED è spento)
1.3 Mentre tenete premuto il pulsante "**Magenta** (testo)" del RCU, accendete il televisore utilizzando l'interruttore di rete. Continuate a premere il pulsante "**Magenta** (testo)" del RCU fino all'apparizione del Service Setup Sub Menu

ID 00.07 *(1)*

INIT *(2)*
STANDARD 00 0-03 *(3)*

2. Service Menu

2.1 Navigazione

- Premere i tasti ∧ / ∨ per selezionare la linea del menu
- Premere i tasti 〈 / 〉 per la regolazione o la selezionz di un elemento del menu

2.2 Linee Service Menu

Set-up lines (INIT,STANDARD,OSDCONTR) -
Geometry lines (HS,VS, VA, SC,VSH)
Video lines (CL, BLORS/BLORP,BLOGS/BLOGP,WPRS/WPRP,WPGS/WPGP, WPBS/WPBP, PWS/PWP, BKS, YD) - **IF lines** (TOP) -
Videoprocessor (CD0, CD1, SYN0, SYN1, DEF,VI0,VI1,SOUND,CONT0, CONT1,FEAT0).

2.3 Attivazione di una linea :

La prima linea (1) è continuamente visualizzata. La selezione delle linee sucessive (2) o (3) è possibile in service menu premendo i tasi ∧ / ∨.
la linea selezionata sarà visualizzata di colore giallo.

3. Taratura della funzione scelta e memorizzazione

3.1 Il valore momentaneo della funzione scelta viene indicato in formato esadecimale a destra, accanto alla posizone da allineare e può essere cambiato con il pulsante 〈 / 〉 del telecomando.
3.2 I valori verranno memorizzati nella memoria num quando verrà lasciato il menù service mode.
3.3 Premere il tasto "**Exit**" per uscire da qualsiasi Service Sub Menu.

4. Uscita temporanea dal Service Mode

4.1 Premere Exit sul telecomando.
Al menu di uso quotidiano si accede attraverso il pulsante Menu.
4.2 Il Service Setup Sub Menu è accessibile attraverso il tasto "**Magenta**".

5. Disattivazione del Service-Mode

5.1 Per disattivare il Service Mode, commutare l'apparecchio in stand-by o spegnerlo con l'interruttore di rete.

MODO SERVICIO E

2.2 Líneas del menú del Modo Servicio
Set-up lines (INIT,STANDARD,OSDCONTR) -
Geometry lines (HS,VS, VA, SC,VSH)
Video lines (CL, BLORS/BLORP,BLOGS/BLOGP,WPRS/WPRP,WPGS/WPGP, WPBS/WPBP, PWS/PWP, BKS, YD) - **IF lines** (TOP) -
Videoprocessor (CD0, CD1, SYN0, SYN1, DEF,VI0,VI1,SOUND,CONT0, CONT1,FEAT0).

2.3 Activación de una línea :
La primera línea (1) se muestra siempre en la pantalla. La selección secuencial de las líneas (2) y (3), es posible pulsando las teclas ∧ / ∨
La línea seleccionada es la que está en color amarillo

3. Ajuste de la función elegida y almacenamiento

3.1 El valor momentáneo de la función elegida es indicado de modo hexadecimal a la derecha, al lado de la posición a ajustar, y puede cambiarse con la tecla 〈 o bien 〉 en el mando a distancia.
3.2 Los valores serán memorizados en la EEPROM al salir del menú del Modo Servicio.
3.3 Pulse el botón "**Exit**" para salir de cualquier submenú Servicio.

4. Salida temporal del Modo Servicio

4.1 Pulse Salir en el mando a distancia.
Con el botón Menu puede acceder al menú de uso cotidiano.
4.2 Puede acceder al submenú de configuración del servicio mediante el botón "**Magenta**".

5. Salir del Modo Servicio

5.1 Conmute el aparato a STANDBY a fin de salir del MODO SERVICIO o desconectar con el interruptor de la red.

ALIGNMENT PROCEDURE - PROCESSUS DE REGLAGES - ABGLEICH - VISUALIZZAZIONE DEL VALORE DI REGOLAZIONE - PROCEDIMIENTO DE ALINEACION

SET-UP LINES

ID 00.07

INIT ◄ ►
STANDARD 00 0-03
OSDCONTR 07 0-0F
FR 00

ID 00.07	Software code
INIT	Initialise TV set. Sets all Service Mode functions stored in the EEprom to their default values. See below the default values table.
⚠	"INIT" copy all service parameters from the ROM to EEprom. It will be necessary in this case to readjust most of the service mode functions.
⚠	"INIT" copie toutes les valeurs par défaut stockées en ROM vers l'EEprom.Il peut être nécessaire dans ce cas de reprendre la plupart des réglages du mode service.
⚠	"INIT" kopiert alle Service-Parameter aus dem ROM in das EEPROM. Es ist anschliessend notwendig die meisten Service-Funktionen neu abzugleichen
⚠	"INIT" copia tutti i parametri di servizio dalla ROM alla EEprom. Sarà necessario in seguito regolare alcune funzioni in Service Mode.
⚠	"INIT" copia todos los valores por defecto memorizados en la ROM hacia la EEPROM. Puede ser necesario en el caso de tener que reajustar la mayor parte de los ajustes en Modo Servicio
STANDARD **RF Norm Group Selection**	00 EU BG / LL' 01 FR LL' / BG 02 UK PAL I only 03 DK DKK' PAL, SECAM
ROM Default Value :	TX 807 C / CS Europe : 00 EU
OSDCONTR **Full-page video text contrast**	factory Setting OSDCONTR = 03H
FR	Factory Setting: FR=00H Specific TX807C mono TDA9351N1. **00**: FR is not available in progr. menus. **00** :FR non disponible dans le menu de programmation **00**: FR ist im Prog. Menü nicht verfügbar **00**: FR non è disponibile nel menu prog. **00** : FR no está disponible en el menú programación

GEOMETRY LINES*

HS	20	0-3F	
VS	◄ **1A**	**0-3F** ►	
VA	20	0-3F	
SC	10	0-3F	
VSH	20	0-3F	

HS	
VS **V_Slope**	- Apply a test pattern signal to the TV with a single horizontal and vertical line on the screen. - Select the "**VS**" line of the menu. The bottom half of the screen will go black. - Adjust VS until the centre line of the pattern is just invisible. - Leave the line "**V_Slope**". - Switch the test pattern signal to the crosshatch geometry pattern. - Perform the geometry adjustments described below.
	- Appliquer une mire de barres avec seulement une ligne blanche horizontale en milieu de l'écran. - Sélectionner la ligne "**V-Slope**". La moitié basse de l'écran devient noire. - Aligner "**V_Slope**" pour que la ligne médiane soit à peine non visible. - Commuter la mire en mode de réglage de géométrie (quadrillage). - Effectuer les reglages de geometrie ci- aprés.
	- Speisen Sie ein Testbild mit einem horizontalen Strich in der Bildmitte ein. - Wählen Sie im Menü die Funktion "V-Slope" an. Die untere Bildhälfte wird dunkel. - Stellen Sie "V-Slope" so ein, daß die Mittellinie fast verschwindet. - Verlassen Sie die Funktion "V-Slope". - Speisen Sie ein Gittertestbild ein. - Nehmen Sie die Geometrieeinstellungen wie nebenstehend beschrieben vor.
	- Applicare un monoscopio con un'unica linea bianca orizzontale al centro dello schermo - Selezionare la riga "**V slope**" del menu. La parte bassa dello schermo viene oscurata. - Allineare la "Vertical Slope" in modo che la linea centrale sia appena visibile - Abbandonare la riga "**V slope**". - Posizionare il monoscopio - Effettuare le regolazioni di geometria descritte in precedenza - Memorizzare.
	- Aplique una carta de ajuste con sólo una línea blanca horizontal y una vertical en el centro de la pantalla. - Seleccionar en el menú, la línea "**V-Slope**". La mitad inferior de la pantalla se pondrá oscura. - Ajuste "**V-Slope**" justo hasta que la línea horizontal sea invisible. - Cambiar la carta de ajuste a "cuadrícula" y efectuar los ajustes de geometria descritos a continuación - Antes de salir, memorizar con "Store"
VA	
SC **S-Correction**	S
VSH	

VIDEO LINES

CL	◄ **00**	**0-0F** ►	
BLORS*	08	0-0F	
BLOGS*	08	0-0F	
WPRS*	20	0-3F	
WPGS*	20	0-3F	
PWS*	20	20 20 0-3F	
BKS*	ON	OFF-ON	
YD	08	0-0F	

CL **Cathode Level**	Factory setting. Extension of the peak White range. Réglage usine. Extension des valeurs de réglages du Peak White. Factory Setting. Extension of the peak White range. Factory Setting. Extension of the peak White range. Ajuste de fábrica Extensión del margen del Peak White.
Cutt-off ** **BLORS / BLORP Black level offset Red SECAM/PAL** **BLOGS / BLOGP Black level offset Green SECAM/PAL**	+ + = 50% Grey scale test pattern white =100% grey
Drive** **WPRS / WPRP White point Red SECAM/PAL** **WPGS / WPGP White point Green SECAM/PAL** **WPBS / WPBP White point Blue SECAM/PAL**	+ + = 50% Grey scale test pattern white =100% white
PWS / PWP** **Peak White SECAM/PAL**	CRT Pin 6,8,11 Oscillo. or colourimeter + + = 50% Sets / Nits / Vpp 14" 450 70 20" 490 - 21" 490 -
BKS **Black Stretch**	factory Setting
YD **Luminance Delay**	Use 〈 〉 to adapt the image

IF LINES

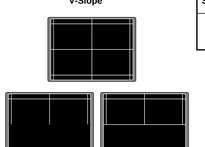
TOP	◄ **20** **0-0F** ►
TOP **AGC - Take Over**	- Minimum noise- Minimum de bruit - Minimum Rauschen - Rumore minimo - Mínimo ruido
	210.25 MHz 3mV antenna input chassis TX807 C / CS Tuner IF BG CH 10 11 Monitor IF 38.9 MHz
	- Set TOP to 00 - Adjust TOP for maximum gain of IF signal. - Reduce IF level about 8dB.
ROM Defaut Value :	AGC : 20

VIDEO PROCESSOR LINES

CD0	84	0-FF
CD1	00	0-0F
SYN0	◄ **30**	**0-FF** ►
SYN1	08	0-FF
DEF	00	0-0F
VI0	40	0-FF
VI1	00	0-0F
SOUND	00	0-FF
CONT0	46	0-FF
CONT1	00	0-0F
FEAT0	00	0-01

CD0 **CD1**	- Colour Decoder 0 = 84 - Colour Decoder 1 **mono sets: CD1 = 80H** **stereo sets: CD1 = 00H** Factory setting.
SYN0 **SYN1**	- Syncronisation 0 = 30 - Syncronisation 1 = 1C Factory setting.
DEF	- Deflection = 00 Factory setting.
VI0 **VI1**	- Vision IF 0 = 40 - Vision IF 1 = 00 Factory setting.
SOUND	- Sound = 00 Factory setting.
CONT0 **CONT0**	- Control 0 = 40 - Control 1 = 00 Factory setting.
FEAT0	- Features 0 = 00 Factory setting.

V-Slope



Correct

incorrect



overscan :
V=107%
H=107%

DEFAULT VALUES

OSD	DESCRIPTION	DEFAULT VALUE (HEX)
ID	**Software**	
INIT	**Initialise TV set**	
STANDARD	**RF Norm Group Selection**	**0 (EU)**
OSDCONTR	**OSD Contrast**	**03**
FR	**France**	**00**
HS	**Horizontal shift**	**20**
VS	**Vertical Slope**	**1A**
VA	**Vertical Amplitude**	**20**
SC	**S-Correction**	**10**
VSH	**Vertical shift**	**20**
CL	**Cathode Level**	**00**
BLORS	**Black level offset Red SECAM**	**8**
BLORP	**Black level offset Red PAL**	**8**
BLOGS	**Black level offset Green SECAM**	**8**
BLOGP	**Black level offset Green SECAM**	**8**
WPRS	**White point Red SECAM**	**20**
WPRP	**White point Red PAL**	**20**
WPGS	**White point Green SECAM**	**20**
WPGP	**White point Green PAL**	**20**
WPBS	**White point Blue SECAM**	**20**
WPBP	**White point Blue PAL**	**20**
PWS	**Peak White SECAM**	**20**
PWP	**Peak White PAL**	**20**
BKS	**Black Stretch**	**01**
YD	**Luminance Delay**	**08**
TOP	**AGC take-over**	**20**
CD0	**Colour Decoder 0**	**84**
CD1	**Colour Decoder 1**	**Mono : 80** **Stereo: 00**
SYN0	**Synchronisation 0**	**30**
SYN1	**Synchronisation 1**	**1C**
DEF	**Deflection**	**00**
VI0	**Vision IF 0**	**40**
VI1	**Vision IF 1**	**00**
SOUND	**Sound**	**00**
CONT0	**Control 0**	**40**
CONT1	**Control 1**	**00**
FEAT0	**Features 0**	**00**

**Perform the G2 and the Focus settings beforehand.*
Effectuez au préalable les réglages de G2 et de focus.
Stellen Sie zuvor G2 und "Focus" ein.
Effetuare le regolazioni G2 e del Fuoco innanzitutto.
Efectuar previamente los ajustes de G2 y Foco

** Adjust separate for PAL / SECAM
" S " : Video signal received is SECAM.
" P " : Video signal received is PAL.

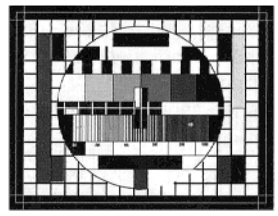
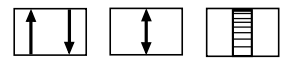
TX807 C/CS
First issue 03 / 00

ALIGNMENT PROCEDURE - PROCESSUS DE REGLAGES - ABGLEICH - VISUALIZZAZIONE DEL VALORE DI REGOLAZIONE - PROCEDIMIENTO DE ALINEACION

GEOMETRY MODE ALIGNMENT

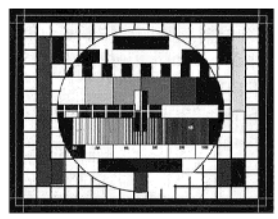
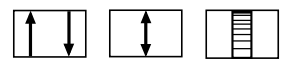
90° tube

Signal : 50 Hz - 4/3 test pattern

4 / 3 **standard mode**		**Overscan V=107% , H=107%** 1 - Adjust Horizontal Centering (HS)  2 - Adjust Vertical centering (VSH) and Vertical amplitude 107% (VA) 3 - Adjust Vertical Slope (VS) and linearity (SC)  4-If necessary repeat VSH, VA alignment to 7% overscan.

110° tube

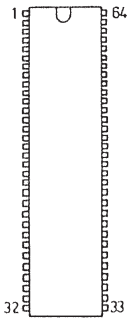
Signal : 50 Hz - 4/3 test pattern

4 / 3 **standard mode**		**Overscan V=107% , H=107%** **EAST-WEST MODULE** 1 - **PL140** : Turn fully counterclockwise. **MAIN BOARD** 2 - Adjust Horizontal Centering (HS)  3 - Adjust Vertical centering (VSH) and Vertical amplitude 107% (VA) 4 - Adjust Vertical Slope (VS) and linearity (SC)  5 - If necessary repeat VSH, VA alignment to 7% overscan. **EAST-WEST MODULE** 6 - **PL140** : Adjust Horizontal amplitude with PL140 for optimum overscan.  7 - **PL141** :Adjust Pincushion.  8 - **PL143** : Adjust Trapezium  9 -If necessary repeat Horizontal amplitude, pincushion correction and trapezium alignment

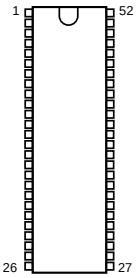
LIST OF ABBREVIATIONS - LISTE DES ABREVIATIONS - ABKÜRZUNGEN
LISTA DELLE ABBREVIAZIONI - LISTA DE ABREVIACIONES

● **BCL**	BEAM CURRENT LIMITING INFORMATION
● **BLACK_I**	BLACK CURRENT INPUT
● **B / B'**	BLUE SIGNAL TO VIDEO AMPLIFIER
● **CVBS**	COMPOSITE VIDEO BASE BAND SIGNAL
● **DEGAUSS**	DEGAUSS SIGNAL
● **DEG-COIL**	DEGAUSS COIL
● **FAULT**	SIGNAL TO DETECT FAULT CONDITION
● **FB**	FAST BLANKING
● **G / G'**	GREEN SIGNAL TO VIDEO AMPLIFIER
● **H / HDRIVE**	DRIVE SIGNAL FOR HORIZONTAL DEFLECTION
● **HTR / HEATER**	HEATER VOLTAGE
● **I_CUT**	CUT OFF CURRENT
● **IR**	DATA FROM INFRARED RECEIVER
● **MUTE**	MUTE AUDIO AMPLIFIER
● **OPTO**	REGULATION SIGNAL GOING TO OPTO COUPLER ON DC-DC POWER SUPPLY MODULE.
● **PO**	POWER ON. SIGNAL FROM MICRO. TO POWER SUPPLY. SWITCHES THE POWER SUPPLY FROM STANDBY TO ON.
● **R / R'**	RED SIGNAL TO VIDEO AMPLIFIER
● **SCL**	SERIAL CLOCK
● **SDA**	SERIAL DATA
● **SLOW_SW**	SLOW SWITCH FROM SCART
● **SOUND_SW**	IF SELECTION CONTROL INPUT
● **UA**	POSITIVE AUDIO VOLTAGE
● **-UA**	AUDIO VOLTAGE GROUND
● **USTBY**	STANDBY VOLTAGE: 11.9V
● **+UB / USYS**	SYSTEM VOLTAGE
● **USYS_MOD**	SIGNAL TO MODULATE USYS
● **UVIDEO**	VIDEO VOLTAGE FOR THE CRT BOARD
● **V _DRIVE**	DRIVE SIGNAL FOR VERTICAL DEFLECTION
● **+VSUPPLY**	12.9V. POSITIVE SUPPLY VOLTAGE FOR VERTICAL POWER AMPLIFIER
● **-VSUPPLY**	10.5 TO 12.5V (DEPENDING ON TUBE TYPE). NEGATIVE SUPPLY VOLTAGE FOR VERTICAL POWER AMPLIFIER 12.9V.
● **VT**	TUNING VOLTAGE
● **+5VON**	SUPPLY VOLTAGE FOR THE MICROPROCESSOR AND AUDIO PART. ONLY PRESENT IN ON MODE.
● **+8V**	SUPPLY VOLTAGE FOR THE MICROPROCESSOR, AUDIO PART AND FOR THE DRIVER PULL-UP RESISTOR
● **+3VUP**	PRESENT IN STANDBY MODE. POWER SUPPLY VOLTAGE FOR THE MICROPROCESSOR. POWER SUPPLY INTERNAL USED AS REFERENCE VOLTAGE FOR THE REGULATION
● **+33V**	TUNER VOLTAGE

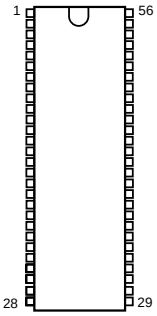
INTEGRATED CIRCUITS AND TRANSISTORS OUTLINE - CIRCUITS INTEGRES ET TRANSISTORS INTEGRIERTE SCHALTUNGEN UND TRANSISTOREN - CIRCUITI INTEGRATI TRANSISTOR CIRCUITOS INTEGRADOS Y TRANSISTORES



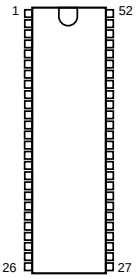
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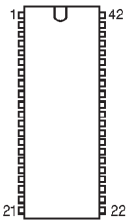
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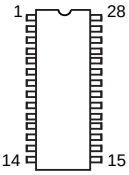
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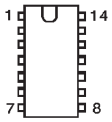
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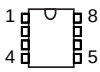
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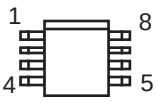
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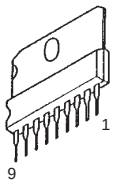
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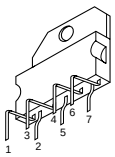
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M22W04



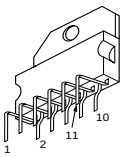
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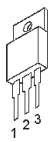
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TDA9302H
TDA 9320H



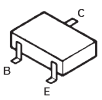
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TDA7263



MC7805/ACT
78L09



BC 337
BC337-40
BC 547B/C
BC 548B
BC 558B



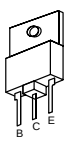
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BC857
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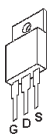
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BF423
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2SC2236



BC327



BUH515D
STP3NB90FP



STP3 NA80F1

CONDITION CODE — MAIN SYMPTOM CODE — EXTENDED SYMPTOM CODE (*1)

EACEM-IRIS REPAIR CODING SYSTEM SYMPTOM CODE TABLE

EACEM IRIS

Condition code	
1	CONSTANTLY
2	INTERMITTENTLY
3	AFTER A WHILE
4	IN A HOT ENVIRONMENT
5	IN A COLD ENVIRONMENT
6	WHEN SWITCHING
7	UNDER VIBRATION
8	IN A DAMP/WET/ RAINY/SNOWY ENVIRONMENT
9	IN A DRY ENVIRONMENT
A	AFTER BEING DROPPED/ TRANSPORT DAMAGE
B	AFTER LIGHTNING STRIKE
C	ONLY CERTAIN STATIONS/ SOFTWARE/ MODE/ CHANNELS/ FREQUENCY BAND
D	ONLY ON CERTAIN STANDARDS
E	ONLY ON ONE CHANNEL
F	ONLY WITH CERTAIN INPUT(S)
G	ONLY ON CERTAIN OUTPUT(S)
H	IN STANDBY/OFF MODE
J	AT EDIT POINT
K	WHEN INTERCON-NECTED
L	LIQUID CONTAMINATION
M	FOR A SHORT WHILE AFTER SWITCH-ON
N	AFTER MAKING A COPY
O	UNDER STRESSED CONDITIONS / HIGH LOAD
P	AT SWITCH-OFF

	1 NO ACTION	2 LEVEL	3 QUALITY	4 NOISE
1 GENERAL	**110 POWER PROBLEM OR NOT OPERATING** 111 NO POWER 112 NO POWER WHEN USING AC-ADAPTER 113 NO POWER WHEN USING DRY BATTERIES 114 NO POWER WHEN USING RECHARGEABLE BATTERIES 115 NO POWER FROM SOLAR CELL 116 NO POWER WHEN USING A CAR BATTERY 117 SHORT OPERATION TIME/SHORT BATTERY LIFE 118 POWER-OFF FUNCTION NOT WORKING 119 NO SWITCH-ON FROM STANDBY 11A POWERS UP, BUT NO OPERATION 11B CYCLIC POWER ON/OFF 11C BLOWING EXTERNAL (MAINS) FUSE 11D SET SWITCHES OFF BY ITSELF 11E BACKUP BATTERY PROBLEM 11F NOT OPERATING 11G NO AUTOMATIC SWITCH ON/OFF 11H PROTECTION SWITCH/FUSE IN SET TRIGGERS 11J RECHARGEABLE BATTERY NOT RECOGNIZED 11X OTHER 'POWER' PROBLEM	**120 CHARGING PROBLEM** 121 NO BATTERY CHARGING 122 INCOMPLETE BATTERY CHARGE 123 CHARGING TIME TOO LONG 12X OTHER 'CHARGING' PROBLEM	**130 DISPLAY FUNCTION PROBLEM** 131 FAULTY DISPLAY 132 FAULTY LAMP/LED OPERATION 133 FAULTY LEVEL METER OPERATION 134 FAULTY ON-SCREEN DISPLAY OPERATION 135 ELECTRONIC TUNING DISPLAY FAULT 136 MECHANICAL TUNING DISPLAY FAULT 137 FAULTY TIME CODE DISPLAY 138 FAULTY ALARM/ERROR DISPLAY 139 DISPLAY DIM/TOO DARK 13A UNUSUAL OR INCORRECT MESSAGE IN DISPLAY 13B NO BACKLIGHT 13C BEEPS, NO DISPLAY 13D WARNING LIGHT DOES NOT WORK 13E WARNING LIGHT LIGHTS UP 13X OTHER 'DISPLAY FUNCTION' PROBLEM	**140 ABNORMAL NOISE** 141 CRT DISCHARGING NOISE 142 EHT DISCHARGING NOISE 143 NOISY CABINET/CRACKING TRAYS 144 NOISY TRANSFORMER/HUMMING 145 NOISY COMPONENT(S) 146 RATTLE 147 CLICKING 148 CLOCK NOISE 149 CRACKING 14A WHISTLING 14X OTHER 'ABNORMAL' NOISE
2 COMMUNICATION	**210 NO RECEPTION OR CONNECTION** 211 NO AM RECEPTION 212 NO FM RECEPTION 213 NO SW RECEPTION 214 NO VHF RECEPTION 215 NO UHF RECEPTION 216 NO BS RECEPTION 217 NO CS RECEPTION 218 NO HDTV RECEPTION 219 NO GPS/QPS RECEPTION 21A NO RECEPTION OF DIGITAL BROADCASTING 21B NO IR RECEPTION 21C NO DIAL TONE 21D NO MODEM/FAX CONNECTION 21E MODEM NOT ANSWERING/NO CARRIER 21F NO NETWORK CONNECTION/NETWORK INITIALIZATION FAILS 21X OTHER 'NO RECEPTION' PROBLEM	**220 POOR RECEPTION OR CONNECTION** 221 POOR AM RECEPTION 222 POOR FM RECEPTION 223 POOR SW RECEPTION 224 POOR VHF RECEPTION 225 POOR UHF RECEPTION 226 POOR BS RECEPTION 227 POOR CS RECEPTION 228 POOR HDTV RECEPTION 229 POOR GPS/QPS RECEPTION 22A POOR RECEPTION OF DIGITAL BROADCASTING 22B POOR IR RECEPTION 22X OTHER 'POOR RECEPTION' PROBLEM	**230 TRANSMISSION/CONNECTION PROBLEM** 231 NO TRANSMISSION/CONNECTION 232 POOR TRANSMISSION/CONNECTION 233 TRANSMISSION LEVEL TOO HIGH 234 NO TRANSMISSION BETWEEN BASE UNIT AND HANDSET 235 POOR TRANSMISSION BETWEEN BASE UNIT AND HANDSET 236 NO IR TRANSMISSION 237 ONE-SIDED CONNECTION 238 MODEM HANGS UP IMMEDIATELY ONCE CONNECTED 239 MODEM DROPS LINE DURING CONNECTION 23X OTHER 'TRANSMISSION/CONNECTION' PROBLEM	**240 NOISY RECEPTION/TRANSMISSION** 241 LINE NOISE 242 OSCILLATION 243 INTERSTATION INTERFERENCE 24X OTHER 'NOISY RECEPTION/TRANSMISSION' PROBLEM
3 PICTURE	**310 NO PICTURE** 311 NO PICTURE IN E TO E MODE 312 NO PICTURE IN PLAYBACK MODE 313 NO PICTURE IN VIEWFINDER 314 NO PICTURE, ONLY RASTER 315 NO RASTER, BLACK PICTURE 316 ONLY HORIZONTAL LINE 317 ONLY VERTICAL LINE 318 NO PICTURE IN LCD 319 NO 2nd (OR HIGHGER) MONITOR DISPLAY 31X OTHER 'NO PICTURE' PROBLEM	**320 PICTURE LEVEL PROBLEM** 321 PICTURE TOO DARK 322 PICTURE TOO BRIGHT 323 CONTRAST TOO LOW 324 CONTRAST TOO HIGH 325 SATURATED WHITE OR BLACK LEVEL 326 SHADING ON PICTURE 327 ONLY PARTIAL PICTURE 32X OTHER 'PICTURE LEVEL' PROBLEM	**330 PICTURE QUALITY PROBLEM** 331 POOR PICTURE RESOLUTION 332 POOR FOCUS 333 RINGING ON PICTURE 334 EXCESSIVE SMEAR/LAG 335 POOR LINEARITY OR GEOMETRY 336 PICTURE SIZE INCORRECT 337 INCORRECT CENTRING OF PICTURE 338 PICTURE SLANTED 339 V-SIZE INCORRECT 33A H-SIZE INCORRECT 33X OTHER 'PICTURE QUALITY' PROBLEM	**340 PICTURE NOISE** 341 SNOWY PICTURE 342 DOT NOISE OR DROPOUT ON PICTURE 343 NOISE BARS ON PICTURE 344 BLANKING LINES ON PICTURE 345 BEATING ON PICTURE 346 GHOSTING ON PICTURE 347 VCR HEAD SWITCHING NOISE ON PICTURE 348 OVERMODULATION NOISE 349 MOIRÉ 34A MOSAIC NOISE 34B SCRAMBLED PICTURE 34X OTHER 'PICTURE NOISE' PROBLEM
4 COLOUR	**410 NO COLOUR** 411 NO COLOUR IN E TO E MODE 412 NO COLOUR IN PLAYBACK MODE 413 NO COLOUR IN VIEWFINDER 414 NO COLOUR IN PART OF PICTURE 41X OTHER 'NO COLOUR' PROBLEM	**420 COLOUR LEVEL PROBLEM** 421 WEAK COLOUR 422 EXCESSIVE COLOUR 42X OTHER 'COLOUR LEVEL' PROBLEM	**430 POOR COLOUR QUALITY** 431 SOME OR ALL COLOURS MISSING 432 POOR WHITE BALANCE 433 HUE PROBLEM 434 PURITY ERROR 435 LANDING ERROR/WHITE UNIFORMITY 436 CONVERGENCE ERROR 437 REGISTRATION ERROR 438 PITCH MOIRÉ/RAINBOW PATTERN 439 COLOUR SHIFT 43X OTHER 'COLOUR QUALITY' PROBLEM	**440 NOISY COLOUR** 441 COLOUR NOISE ON A BLACK & WHITE PICTURE 442 COLOUR STREAKING 443 COLOUR BARS ON PICTURE 44X OTHER 'COLOUR NOISE' PROBLEM
5 AUDIO	**510 NO AUDIO** 511 NO SOUND IN E TO E MODE 512 NO PLAYBACK OF OUTGOING MESSAGE(S) 513 NO PLAYBACK OF INCOMING MESSAGE(S) 514 NO AUDIO PLAYBACK 515 NO SOUND FROM HANDSET 516 NO SOUND FROM SPEAKER 517 NO SOUND FROM EARPHONE/HEADPHONE 518 NO MICROPHONE SOUND 519 NO SOUND FROM DIGITAL OUTPUT 51X OTHER 'NO AUDIO' PROBLEM	**520 AUDIO LEVEL PROBLEM** 521 LOW AUDIO LEVEL 522 EXCESSIVE AUDIO LEVEL 523 BALANCE PROBLEM 524 FADER PROBLEM 525 AUDIO LEVEL REMAINING/NO MUTING 52X OTHER 'AUDIO LEVEL' PROBLEM	**530 AUDIO QUALITY** 531 POOR FREQUENCY RESPONSE 532 DISTORTED AUDIO 533 NO OR POOR TREBLE 534 NO OR POOR BASS 535 EARPHONE/HEADPHONE AUDIO POOR 53X OTHER 'AUDIO QUALITY' PROBLEM	**540 NOISY AUDIO** 541 HUM 542 HISS 543 CROSSTALK 544 STATIC, POP OR CLICK NOISE 545 BUZZ 546 SCRATCHING NOISE 547 IGNITION NOISE 548 WHISTLING/MULTIPATH NOISE 549 DATA/DIGITAL NOISE 54X OTHER 'AUDIO NOISE' PROBLEM
6 MECHANISM	**610 NO MECHANICAL OPERATION** 611 NO ROTATION OF MOTOR/DISC 612 NO FORWARD OPERATION 613 NO REVERSE OPERATION 614 NO FAST FORWARD OR REWIND FUNCTION 615 NO LOADING 616 NO UNLOADING OR EJECTING 617 NO AUTO SHUT-OFF OPERATION 618 TONEARM DOES NOT MOVE 619 DISC NOT BEING EJECTED 61A MAGAZINE OR MODULE 61B LOADING/UNLOADING 61X CONTROL/SWITCH NOT WORKING OTHER 'NO MECHANICAL OPERATION' PROBLEM	**620 IRREGULAR MECHANICAL OPERATION** 621 IRREGULAR ROTATION 622 IRREGULAR FORWARD MODE 623 IRREGULAR REVERSE OPERATION 624 IRREGULAR FAST FORWARD OR REWIND FUNCTION 625 IRREGULAR LOADING OF MEDIA 626 IRREGULAR UNLOADING OR EJECTING 627 IRREGULAR AUTO SHUT-OFF OPERATION 628 IRREGULAR TONEARM MOVEMENT 629 IRREGULAR EJECTION OF DISC 62A IRREGULAR DIRECTION CHANGE 62B FAULTY DISC CHANGE OPERATION 62X OTHER 'IRREGULAR MECHANICAL OPERATION' PROBLEM	**630 SPEED PROBLEM** 631 SPEED TOO FAST 632 SPEED TOO SLOW 633 SPEED UNADJUSTABLE 63X OTHER 'SPEED' PROBLEM	**640 MECHANICAL NOISE** 641 ROTATION NOISE/DRUM NOISE 642 MOTOR NOISE 643 WIND/AIR NOISE 644 SQUEALING 645 FAN NOISE 646 DISC SCRAPING 647 NOISY TAPE LOADING 648 GEAR NOISE 649 CONTROL OR SWITCH NOISY 64A GRINDING 64B RUMBLING 64C VIBRATION NOISE 64X OTHER 'MECHANICAL NOISE' PROBLEM
7 DATA PROCESSING	**710 NO DATA PROCESSING OPERATION** 711 NO INITIAL SCREEN 712 SYSTEM DOES NOT RESET 713 SYSTEM DOES NOT BOOT UP 714 NO OPERATION FROM PLUG-IN MODULE/PERIPHERAL 715 NO KEYBOARD OPERATION 716 NO OPERATION FROM OTHER INPUT/OUTPUT DEVICE 717 NO DATA STORAGE OPERATION 718 NO DATA COMMUNICATION 719 ERROR MESSAGE DISPLAY 71A HDD BOOT FAILURE 71B FDD BOOT FAILURE 71X OTHER 'NO DATA PROCESSING' PROBLEM	**720 FAULTY DATA PROCESSING OPERATION** 721 INCORRECT DATA 722 SYSTEM RESET WHILE BEING USED 723 SYSTEM LOCKS OUT/CRASHES/HANGS 724 FAULTY OPERATION OF PLUG-IN MODULE 725 FAULTY KEYBOARD OPERATION 726 FAULTY OPERATION OF OTHER INPUT/OUTPUT DEVICE 727 FAULTY DATA STORAGE OPERATION 728 FAULTY DATA COMMUNICATION 729 MEMORY ERROR 72A REQUIRES 'SET UP' AT BOOTING 72X OTHER 'FAULTY DATA PROCESSING' PROBLEM	**730 DATA DISPLAY PROBLEM** 731 INCORRECT CHARACTER DISPLAY 732 MISSING DISPLAY CHARACTERS 733 FAULTY GRAPHIC DISPLAY 734 FAULTY SWITCHING BETWEEN GRAPHIC/ CHARACTER MODE 735 FAULTY PROMPT/CURSOR OPERATION 736 DATA DISPLAY COLOUR INCORRECT 737 NO PAGING OR SCROLL MODE 73X OTHER 'DATA DISPLAY' PROBLEM	**740 KEYBOARD/POINTING DEVICE** 741 MOUSE/TRACKBALL/TRACKPAD NOT WORKING 742 KEYBOARD LOCKS UP 743 POINTING DEVICE LOCKS UP 744 STICKY KEY(S) 745 INOPERATIVE KEY(S) 746 POINTING DEVICE NOT TRACKING PROPERLY 747 POINTING DEVICE JITTERY 748 LEFT- OR RIGHT CLICK BUTTON INOPERATIONAL 749 TRACKPAD SURFACE DAMAGED 74A KEYBOARD KEY(S) DAMAGED 74X OTHER KEYBOARD/POINTING DEVICE PROBLEM
8 PRINT/COPY/SCAN	**810 NO PRINT/COPY/SCAN OPERATION** 811 NOT PRINTING 812 NO COMMUNICATION WITH PRINTER 813 PAPER NOT LOADING 814 NO PAPER FEED 815 NO IMAGE FIXATION 816 NO DOCUMENT FEEDING 817 SCANNER NOT WORKING 81X OTHER 'NO PRINT/COPY/SCAN OPERATION' PROBLEM	**820 ERRONEOUS PRINT/COPY/SCAN OPERATION** 821 PRINT IMAGE REVERSED (NEGATIVE/POSITIVE) 822 IRREGULAR PAPER FEED 823 ERRONEOUS PRINT MODE SWITCHING 824 COPY TOO DARK 825 COPY TOO BRIGHT 826 BLACK COPY 827 WHITE COPY 828 POOR COLOUR LEVELS 829 IRREGULAR DOCUMENT FEED 82A FAULTY CORRECTION FUNCTION 82B POOR SCANNING QUALITY 82X OTHER 'PRINT/COPY/SCAN OPERATION' PROBLEM	**830 POOR PRINT QUALITY** 831 INCORRECT PRINTING POSITION 832 LOW PRINT CONTRAST 833 EXCESSIVE PRINT CONTRAST 834 BLURRED PRINT IMAGE 835 PRINT IMAGE NOT SHARP 836 DOTS MISSING IN PRINT IMAGE 837 COLOUR STREAKING 838 NO COLOUR IN PART OF PICTURE 839 PRINT IMAGE/COPY INCOMPLETE 83A FAULTY CALIBRATION 83X OTHER 'PRINT QUALITY' PROBLEM	**840 NOISY PRINTING** 841 PRINTING NOISE LINES 842 DIRTY PRINTING 843 UNPLEASANT SMELL (OZONE) 844 BLACK LINES/STRIPES IN FEED DIRECTION 845 WHITE LINES/STRIPES IN FEED DIRECTION 846 BLACK LINES/STRIPES ACROSS FEED DIRECTION 847 WHITE LINES/STRIPES ACROSS FEED DIRECTION 84X OTHER 'NOISY PRINTING' PROBLEM

	5 UNSTABLE	6 RECORDING & PHYSICAL PROBLEMS	7 SPECIAL FUNCTIONS	8 OTHER CONDITIONS
1 GENERAL	**150 REMOTE CONTROL PROBLEM** 151 NO REMOTE CONTROL OPERATION 152 INCORRECT REMOTE CONTROL OPERATION 153 REMOTE CONTROL PROGRAMMING/ LEARNING MODE PROBLEM 154 POOR REMOTE CONTROL SENSITIVITY 15X OTHER 'REMOTE CONTROL' PROBLEM	**160 PHYSICAL DAMAGE** 161 DAMAGED/DEFORMED CABINET/PANEL 162 DAMAGED HANDLE/CLIP 163 DAMAGED CONTROL KNOB(S)/BUTTON(S)/KEYPAD 164 DAMAGED DOOR/COVER 165 DAMAGED SEAL 166 DAMAGED PLUG/SOCKET/TERMINAL/CONNECTOR 167 DAMAGED LENS 168 DAMAGED CARTRIDGE OR STYLUS 169 DAMAGED ANTENNA 16A DAMAGED CRT OR VIEWFINDER/LCD DISPLAY 16B MISSING COMPONENT(S) OR ORNAMENTAL PARTS 16C PRINTED MARKINGS ERASED/PEELED OFF 16D SET BURNING/EMITS SMOKE 16E EXTERNAL SURFACE DAMAGE (BUBBLING/PEELING/RUSTING/SCRATCHED) 16F SMELL 16G WEAK/DAMAGED STAND 16H DAMAGED SPEAKER 16J SET GETS VERY HOT / PARTS MELTING 16K FOREIGN SUBSTANCE ON/IN UNIT 16L BURNING MARKS 16M INTERNAL SURFACE DAMAGE (BUBBLING/PEELING/RUSTING/SCRATCHED) 16N DAMAGED POWER CABLE 16P DAMAGED ACCESSORY 16R DISCOLOURATION 16X OTHER PHYSICAL DAMAGE	**170 GENERAL FUNCTION PROBLEM** 171 FAULTY CLOCK FUNCTION 172 FAULTY SLEEP FUNCTION 173 FAULTY TIMER PROGRAMMING 174 FAULTY TIMER OPERATION 175 PROGRAMMING/USER ADJUSTMENT PROBLEM 176 FAULTY RECORD MUTE OPERATION 177 FAULTY PROGRAMMED PLAYBACK OPERATION 178 FAULTY MEMORY FUNCTION 179 FAULTY INPUT SWITCHING 17A FAULTY OUTPUT SWITCHING 17B ELECTRIC SHOCK/STATIC DISCHARGE 17C FAULTY SEARCH FUNCTION (INDEX/VIEW/TITLE/CHAPTER/TRACK...) 17D WRONG LANGUAGE/CHARACTER SET 17E ERROR CODE APPEARS IN DISPLAY 17F SWITCH NOT OPERATING 17G PEDAL NOT OPERATING 17H FAULTY STANDBY MODE 17J FAULTY HIBERNATION MODE 17K NO AUDIBLE WARNING SIGNAL 17L FAULTY OPERATION OF PARENTAL LOCK/KEYLOCK FUNCTION 17M FAULTY MODE SWITCHING 17N MENU FUNCTION PROBLEM 17X OTHER 'GENERAL FUNCTION' PROBLEM	**180 SPECIAL REQUIREMENTS** 181 TEST AND CHECK 182 GENERAL OVERHAUL 183 SYSTEM/FREQUENCY CONVERSION 184 INITIAL SETUP/INSTALLATION REQUESTED 185 MODIFICATION/CIRCUIT/INSTALLATION CHANGE 186 WRONG PRODUCT IN CARTON 187 ACCESSORY MISSING 188 UNABLE TO CONNECT PARTS/-TO ASSEMBLE 189 WRONG COLOUR 18B BATTERY MOUNTING PROBLEM 18X OTHER SPECIAL REQUIREMENTS 18Z SYMPTOM NOT AVAILABLE
2 COMMUNICATION	**250 UNSTABLE RECEPTION/TRANSMISSION** 251 TUNING DRIFT 252 FADING 253 INTERMITTENT LINE/LINE BREAKING OFF 254 NO OR UNSTABLE CONNECTION COMBINED WITH 'WEAK SIGNAL STRENGTH' INDICATION 25X OTHER 'UNSTABLE RECEPTION/ TRANSMISSION' PROBLEM	**260 TUNING PROBLEM** 261 MANUAL TUNING PROBLEM 262 AUTOMATIC TUNING PROBLEM 263 INCORRECT TUNING 264 TUNING MEMORY PROBLEM 26X OTHER 'TUNING' PROBLEM	**270 SPECIAL COMMUNICATION PROBLEM** 271 FAULTY DIALLING 272 FAULTY CHANNEL SELECTION 273 FAULTY AUTO-ANSWER OPERATION 274 FAULTY MESSAGE READ-OUT FUNCTION 275 FAULTY AUTODIAL/REDIAL MEMORY 276 FAULTY SPEECH PROCESSING 277 NO RINGING TONE 278 LOUD/WEAK RINGING TONE 279 MODEM STUCK OFF HOOK 27A FAX DOES NOT WORK PROPERLY 27B MODEM CAUSES PROBLEM WITH PHONE 27C NO MODEM DIAL TONE 27X OTHER 'SPECIAL COMMUNICATION' PROBLEM	**280 SPECIAL RECEPTION PROBLEM** 281 FAULTY STEREO RECEPTION 282 FAULTY MAIN CHANNEL (A) FUNCTION 283 FAULTY SUB-CHANNEL (B) FUNCTION 284 FAULTY SSB RECEPTION 285 FAULTY RDS/VPS/PDC/XDS OPERATION 286 FAULTY TELETEXT/CLOSE CAPTION/EPG RECEPTION 287 FAULTY SATELLITE/RTTY RECEPTION 288 FAULTY FAX OPERATION 289 MODEM NOT RECOGNIZED BY SYSTEM 28A FAULTY CALL CHARGE DISPLAY 28B FAULTY HANDS-FREE OPERATION 28C SET LOCKED 28X OTHER 'SPECIAL RECEPTION' PROBLEM
3 PICTURE	**350 UNSTABLE PICTURE** 351 SYNC PROBLEM 352 PICTURE PUMPING 353 PICTURE JITTER 354 PICTURE SHAKING (HORIZONTAL OR VERTICAL) 355 FLICKERING PICTURE 356 FLASHING PICTURE 357 CYCLIC PICTURE MUTING 358 HEAD IMPACT ERROR CAUSING UNSTABLE PICTURE 359 VCR SKEW/H-SHIFT ERROR 35A FROZEN PICTURE 35B JUMPING/REPEATING PICTURE 35X OTHER 'UNSTABLE PICTURE' PROBLEM	**360 POOR PICTURE RECORDING** 361 NO PICTURE RECORDING 362 NO ERASURE PROTECTION FOR VIDEO 363 PREVIOUS VIDEO RECORDING NOT BEING ERASED 364 UNWANTED ERASURE OF PICTURE 365 NO CAMERA RECORDING 366 ONLY ONE FIELD PER FRAME BEING RECORDED 367 RECORDS ONLY A FEW PICTURES 36X OTHER 'PICTURE RECORDING' PROBLEM	**370 SPECIAL PICTURE FUNCTION PROBLEM** 371 EDITING PROBLEM 372 FAULTY FADING/WIPER OPERATION 373 FAULTY NEGATIVE/POSITIVE SWITCHING FUNCTION 374 FAULTY SUPERIMPOSE/TELOP OPERATION 375 FAULTY PICTURE IN PICTURE/DIGITAL PICTURE OPERATION 376 FAULTY PICTURE TRANSMISSION 377 FAULTY DIGITAL SHUTTER FUNCTION 378 FAULTY GENLOCK FUNCTION 379 FAULTY FLASH/STROBE FUNCTION 37A FAULTY DIGITAL PICTURE/ZOOMING FUNCTION 37B FAULTY AUTO-EDIT FUNCTION 37C FAULTY PICTURE STABILIZER FUNCTION 37D FAULTY PICTURE CAPTURE FUNCTION 37E FAULTY SUBTITLING FUNCTION 37F FAULTY VARIABLE SPEED PLAYBACK 37G FAULTY VIEW-/MULTI-ANGLE SWITCHING 37H FAULTY ASPECT RATIO SWITCHING 37J THUMBNAIL- OR INDEX PICTURE PROBLEM 37K NO BLANKING SCREEN 37X OTHER 'SPECIAL PICTURE FUNCTION' PROBLEM	**380 PICTURE DISPLAY/PICKUP PROBLEM** 381 BURN MARK ON DISPLAY/PICKUP 382 SCRATCH ON DISPLAY/PICKUP 383 DUST/DIRT ON DISPLAY/PICKUP 384 PHOSPHOR/PIXEL MISSING ON DISPLAY/PICKUP 385 BRIGHT POINT(S) IN PHOSPHOR/PIXEL 386 LINES ACROSS/DOWN IMAGE 387 OUT OF SPECS PIXEL DEFAULTS 388 BACKGROUND BURNT IN 38X OTHER 'PICTURE DISPLAY/PICKUP' PROBLEM
4 COLOUR	**450 UNSTABLE COLOUR** 451 COLOUR FLASHING 452 HUE CONSTANTLY CHANGING 453 FLICKERING COLOUR 454 COLOUR NOT LOCKED 45X OTHER 'UNSTABLE COLOUR' PROBLEM	**460 POOR COLOUR RECORDING** 461 NO COLOUR RECORDING 462 NOISY COLOUR RECORDING 46X OTHER 'COLOUR RECORDING' PROBLEM	**470 SPECIAL COLOUR FUNCTION PROBLEM** 471 FAULTY AUTOMATIC WHITE BALANCE 472 FAULTY COLOUR EFFECTS FUNCTION 47X OTHER 'SPECIAL COLOUR FUNCTION" PROBLEM	**480**
5 AUDIO	**550 UNSTABLE AUDIO** 551 JUMPING OR REPEATING AUDIO 552 AUDIO PUMPING OR BREATHING 553 AUDIO DROPOUTS 554 CYCLIC AUDIO MUTING 555 WOW AND FLUTTER 556 HOWLING/ACOUSTIC FEEDBACK 557 ECHO IN SOUND 55X OTHER 'UNSTABLE AUDIO' PROBLEM	**560 POOR AUDIO RECORDING** 561 AUDIO NOT BEING RECORDED 562 NO ERASURE PROTECTION FOR AUDIO 563 PREVIOUS AUDIO RECORDING NOT BEING ERASED 564 UNWANTED ERASURE OF AUDIO 565 MESSAGE NOT BEING RECORDED 566 DISTORTED AUDIO RECORDING 56X OTHER 'AUDIO RECORDING' PROBLEM	**570 POOR SPECIAL AUDIO FUNCTION** 571 FAULTY FADE OPERATION 572 FAULTY ECHO OPERATION 573 FAULTY MIXING OPERATION 574 FAULTY REPEAT MODE OPERATION 575 FAULTY AUDIO PROCESSING 576 FAULTY SYNC RECORDING OPERATION 577 FAULTY DBB/DOL OPERATION 578 FAULTY NOISE REDUCTION OPERATION 579 FAULTY AUDIO DUB FUNCTION 57A FAULTY TITLE PROGRAMMING 57B FAULTY MIC CONTROL 57C FAULTY PITCH CONTROL 57X OTHER 'SPECIAL AUDIO FUNCTION' PROBLEM	**580 STEREO/MULTI MODE OPERATION PROBLEM** 581 NO STEREO OPERATION 582 POOR CHANNEL SEPARATION 583 DIFFERENCE IN PHASE BETWEEN CHANNELS 584 PROBLEM WITH SURROUND SOUND MODE 585 PROBLEM WITH PCM AUDIO MODE 58X OTHER 'STEREO/MULTI MODE' PROBLEM
6 MECHANISM	**650 MECHANICAL INSTABILITY** 651 UNEVEN FEET 652 FAULTY HINGE 653 VIBRATING/JUMPING 654 PARTS LOOSE 655 DAMAGED WHEEL(S) 65X OTHER 'MECHANICAL INSTABILITY' PROBLEM	**660 DAMAGE TO MEDIA** 661 TAPE GETS SCRATCHED 662 DISC GETS SCRATCHED 663 TAPE GETS CHEWED/WRINKLED 664 TAPE JAMMED OR BROKEN 665 TAPE GETS CURLED 666 SLACK TAPE 667 TAPE STICKING 66X OTHER 'SOFTWARE DAMAGE' PROBLEM	**670 MECHANICAL OPERATION PROBLEM** 671 FAULTY START/STOP OPERATION 672 FAULTY PAUSE OPERATION 673 FAULTY AUTOMATIC PROGRAM SEARCH 674 FAULTY CUE/REVIEW MODE 675 FAULTY SLOW MOTION OPERATION 676 FAULTY HIGH-SPEED SCANNING MODE 677 FAULTY SPEED COPY FUNCTION 678 FAULTY REPEAT OPERATION 679 FAULTY RECORD REVIEW MODE 67A FAULTY AMS OPERATION 67B AUTO-REVERSE MALFUNCTION 67C FAULTY END DETECTION 67D FAULTY DISC SIDE (A-B SELECT) SWITCHING 67X OTHER 'MECHANICAL OPERATION' PROBLEM	**680 LENS PROBLEM** 681 FOCUS PROBLEM 682 ZOOM PROBLEM 683 IRIS PROBLEM 684 MACRO PROBLEM 68X OTHER 'LENS' PROBLEM
7 DATA PROCESSING	**750 PERIPHERAL PROBLEM (NON-STORAGE)** 751 PERIPHERAL DOES NOT INITIALISE 752 COMMUNICATION FAILURE WITH PERIPHERAL 753 INTERNAL PERIPHERALS FAILURE 754 EXTERNAL PERIPHERALS FAILURE 755 NETWORK CARD ERROR 756 PERIPHERAL FAILS SELF TEST 75X OTHER PERIPHERAL PROBLEM	**760 DATA STORAGE PROBLEM** 761 FORMATTING PROBLEM 762 DATA ON STORAGE MEDIUM BEING LOST 763 FRAME MEMORY PROBLEM 764 READ/WRITE ERRORS 765 HARD- OR OPTICAL DRIVE PROBLEM 766 FLOPPY DRIVE PROBLEM 767 CD/DVD-ROM DRIVE PROBLEM 768 TAPE PROBLEM 769 DRIVE WILL NOT MOUNT/CANNOT ACCESS DRIVE 76A DISCS EXCHANGE PROBLEM 76B READ/WRITE OPERATION VERY SLOW 76X OTHER 'DATA READ/WRITE' PROBLEM	**770 SPECIAL DATA PROCESSING FUNCTION PROBLEM** 771 FAULTY SELF-DIAGNOSTIC MODE 772 FAULTY WORD PROCESSING FUNCTION 773 FAULTY GRAPHIC EDIT FUNCTION 774 PROGRAM CANNOT BE INSTALLED 775 PRE-LOADED PROGRAM CANNOT BE STARTED UP 776 NOT PRE-LOADED PROGRAM CANNOT BE STARTED UP 777 VIRUS ALARM 77X OTHER 'SPECIAL DATA FUNCTION' PROBLEM	**780 INTERFACE PROBLEM** 781 USB INTERFACE PROBLEM 782 PARALLEL INTERFACE PROBLEM 783 SCSI INTERFACE PROBLEM 784 SERIAL INTERFACE PROBLEM 785 INCOMPATIBLE WITH OTHER SYSTEMS 786 AUDIO/VIDEO INTERFACE PROBLEM 787 i.LINK/FIREWIRE/IEEE1394 INTERFACE PROBLEM 78X OTHER 'INTERFACE' PROBLEM
8 PRINT/COPY/SCAN	**850 UNSTABLE PRINTER OPERATION** 851 UNSTABLE PAPER LOADING 852 UNSTABLE MULTI-PAPER LOADING 853 INCORRECT LINE-UP OF CHARACTERS 85X OTHER 'UNSTABLE PRINTER OPERATION' PROBLEM	**860 RIBBON/PAPER PROBLEMS** 861 RIBBON BROKEN 862 RIBBON STUCK/STICKING 863 RIBBON DERAILED 864 PAPER STUCK/STICKING TO MECHANISM 865 PAPER JAM 866 DOCUMENT JAM 867 ERRONEOUS 'NO INKT/TONER' MESSAGE 86X OTHER 'RIBBON/PAPER' PROBLEM	**870**	**880 FAULTY FONT/CHARACTER FUNCTIONS** 881 INCORRECT CHARACTERS OR IMAGE 882 INCORRECT CHARACTER SIZE 883 FONT LOADING PROBLEM 88X OTHER 'FAULTY FONT/CHARACTER FUNCTION' PROBLEM

(*1)

CAUTION

THE 'X' EXTENDED SYMPTOM CODES (*-**X) SHOULD ONLY BE USED TO INDICATE THAT A SUITABLE SYMPTOM DESCRIPTION IS NOT AVAILABLE IN THE CONCERNED SYMPTOM GROUP

EACEM - SECTION CODES

COMMON	
ANT	ANTENNA SECTION
APR	SIGNAL PROCESSING (ANALOG)
BCH	BATTERY CHARGE
CLK	CLOCK/TIMER SECTION
CPA	COLOUR PROCESSING/ANALOG
CTR	CONTROL PANEL
DPR	SIGNAL PROCESSING (DIGITAL)
ERA	ERASE CIRCUIT
FLX	FLEXIBLE PRINTED CIRCUIT BOARD
HFS	HIGH FREQUENCY SECTION (RF)
IDS	INFORMATION DISPLAY SECTION
IFC	IF-CIRCUIT
ILN	i.LINK (IEEE1394) SECTION
INP	SIGNAL INPUT SECTION
IRD	INFRARED (IrDA) SECTION
MEM	MEMORY CIRCUIT
OUT	SIGNAL OUTPUT SECTION
PRG	PROGRAMMING SECTION
PRT	PROTECTION CIRCUIT
PSU	POWER SUPPLY
PWA	POWER AMP SECTION
REM	REMOTE CONTROL SECTION
RFU	BOOSTER,RF UNIT
SFT	SOFTWARE (TAPE, DISC, ETC.)
SNS	SENSOR UNIT
SVO	SERVO SECTION
SYS	SYSTEM CONTROL SECTION
TUN	TUNING SECTION
TXT	TEXT PROCESSING
SOUND-RELATED	
APA	AUDIO PROCESSING/ANALOG
APD	AUDIO PROCESSING/DIGITAL
CDC	CD CHANGER SECTION
CDS	CD SECTION
MDC	MD CHANGER SECTION
MDS	MINIDISC SECTION
MIC	MICROPHONE SECTION
PUD	PICK-UP DEVICE
SHD	STATIONARY HEAD(S)
SPK	SPEAKER
PICTURE-RELATED	
CAM	CAMERA CIRCUIT
CPD	COLOUR PROCESSING/DIGITAL
CRT	PICTURE TUBE
DFL	DEFLECTION CIRCUIT
DVD	DVD SECTION
FPK	FOCUS PACK
IMG	IMAGE DISPLAY UNIT

PICTURE-RELATED	
LCD	LCD SECTION
LMP	LAMP/FLASH SECTION
VPA	VIDEO PROCESSING/ANALOG
VPD	VIDEO PROCESSING/DIGITAL
VWF	VIEWFINDER
PC-RELATED	
FDD	FLOPPY DISC DRIVE
FMW	FIRMWARE
HDD	HARD DISC DRIVE
ISA	ISA SECTION
JST	JOYSTICK
KBD	KEYBOARD (SEPARATE)
MDM	MODEM SECTION
NIF	NETWORK INTERFACE
PAR	PARALLEL PORT
PCC	PC CARD
PCI	PCI SECTION
SCS	SCSI PORT
SER	SERIAL PORT
USB	USB PORT
MECHANICAL	
ARM	ARM MECHANISM
BZL	BEZEL
CBT	CABINET
CHA	CHASSIS
DDM	DISC DRIVE MECHANISM
EXC	EXTERNAL CONNECTOR
HCM	HEAD CARRIAGE MECHANISM
HOL	CASSETTE HOLDER
INC	INTERNAL CONNECTOR
LDG	LOADING MECHANISM
LNM	LENS MECHANISM
PFM	PAPER FEED MECHANISM
PIN	PINCH ROLLER/LEVER
PRI	PRINT BLOCK
RFM	RIBBON FEED MECHANISM
RHD	ROTARY HEAD(S)
SLD	SLED MECHANISM
SRS	SUPPLY REEL SECTION
STA	STATIC BLOCK
TDM	TAPE DRIVE MECHANISM
THR	THREADING MECHANISM
TNR	TENSION REGULATOR
TPT	TAPE PATH
TRS	TAKE-UP REEL SECTION
WIR	LEAD WIRE
XXX	CABINET/COSMETIC PARTS

EXAMPLE OF USE:

FLAG	SYMPTOM CODE	PART NO.	REF. NO.	SECTION	PCB	DEFECT CODE	REPAIR CODE	QTY
1	1436 41	134 56 71 89 1XX XX XX XX XX XX	R11 123	TDM	YA22	C1	Z1	

FLAG: INDICATES THE ONE MAJOR SYMPTOM/PART COMBINATION BY '1'

DEFECT CODES

MECHANICAL	
A	WORN OUT (OR GENERAL MECHANICAL DEFECT)
A1	MISOPERATING
B	DIRTY, CLOGGED
C	MECHANICALLY MISALIGNED
D	CUT, BROKEN
E	DEFORMED
F	SNAPPED
G	SCRATCHED, DENTED, SHARP EDGES
H	CRACKED, PEELED, CORRODED, MELTED
I	LOOSE/OFF/STRIPPED
J	SHAKY, UNSTABLE
K	LEAKING (MECHANICAL)
L	DRY (NO LUBRICANT)
M	FOREIGN OBJECT

ELECTRICAL	
N	DEFECTIVE ELECTRICAL COMPONENT/MODULE
O	BURNT, ARCING, MISSING PIXELS
P	ELECTRICALLY MISALIGNED/WRONG SETTING
Q	SHORT CIRCUIT
R	OPEN CIRCUIT
S	LEAKING (ELECTRICAL)
T	BAD CONTACT, CONNECTION
T1	BAD EARTH CONNECTION
U	OPEN PATTERN
V	CRACKED PRINTED CIRCUIT BOARD
W	COLD OR NO SOLDERING
X	BRIDGED SOLDERING
Y	WRONG COMPONENT/MODULE
Z	MISSING COMPONENT/MODULE
1	SOFTWARE PROBLEM
11	LOSING DATA FROM MEMORY
12	FAULTY PROGRAM SETTING/INSTALLATION
13	SOFTWARE DEFECTIVE OR INCOMPLETE
14	SOFTWARE SETUP PROBLEM
15	NO IDENTIFICATION / AUTHENTICATION OF PRODUCT OR USER
2	EXHAUSTED, LOW EMISSION
3	NO PROBLEM FOUND (SET WITHIN SPEC)
4	NO PROBLEM FOUND - CUSTOMER MISUNDERSTANDING
5	NO PROBLEM FOUND - LOCAL CONDITIONS
51	FAULTY MAINS VOLTAGE
6	UNABLE TO DIAGNOSE FAULT
7	INCORRECTLY WIRED/ASSEMBLED
81	INCORRECT EQUIPMENT CONNECTION
9	CUSTOMER MISUSE
93	UNAUTHORISED MODIFICATION

REPAIR CODES

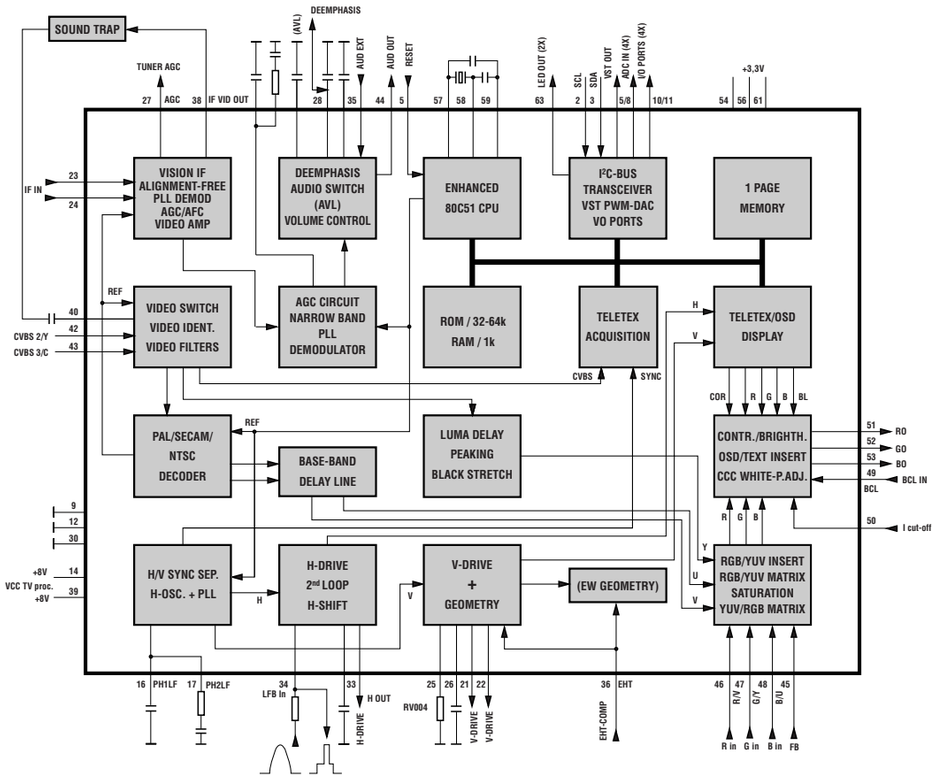
A	REPLACEMENT
B	MECHANICAL ALIGNMENT
C	ELECTRICAL ALIGNMENT
D	RESOLDERING
D1	REFITTING, PUT BACK IN POSITION (CONNECTOR, TUBE...)
E	CLEANING
F	LUBRICATION
G	REPAIRED ELECTRICAL PARTS
H	REPAIRED MECHANICAL PARTS
I	MODIFICATION REQUESTED BY MANUFACTURER
J	REMOVED
K	ADDED
L	FUNCTIONAL CHECK
M	SPECIFICATION MEASUREMENT
N	MAINTENANCE
O	REFURBISHING, RECONDITIONING
P	PREVENTIVE PARTS REPLACEMENT

Q	PREVENTIVE ACTION WITHOUT PARTS REPLACEMENT
U	EXPLANATION FOR CUSTOMER
V	COST ESTIMATION REFUSED
W	COST ESTIMATION WITH PARTS
X	COST ESTIMATION WITHOUT PARTS
Y	RETURN WITHOUT REPAIR
Z	PRODUCT EXCHANGE
Z1	PRODUCT EXCHANGE (REPAIR TOO EXPENSIVE)
Z2	PRODUCT EXCHANGE (TOO MANY VISITS/REPAIRS)
Z3	PRODUCT EXCHANGE (PARTS NOT AVAILABLE)
Z4	PRODUCT EXCHANGE (IMPOSSIBLE TO REPAIR)
Z5	PRODUCT EXCHANGE (ON REQUEST OF RETAILER)
Z6	PRODUCT EXCHANGE (ON REQUEST OF MANUFACTURER)
1	SOFTWARE CORRECTION/RESET
2	SOFTWARE UPGRADE
3	PRODUCT UPGRADE (ON REQUEST)

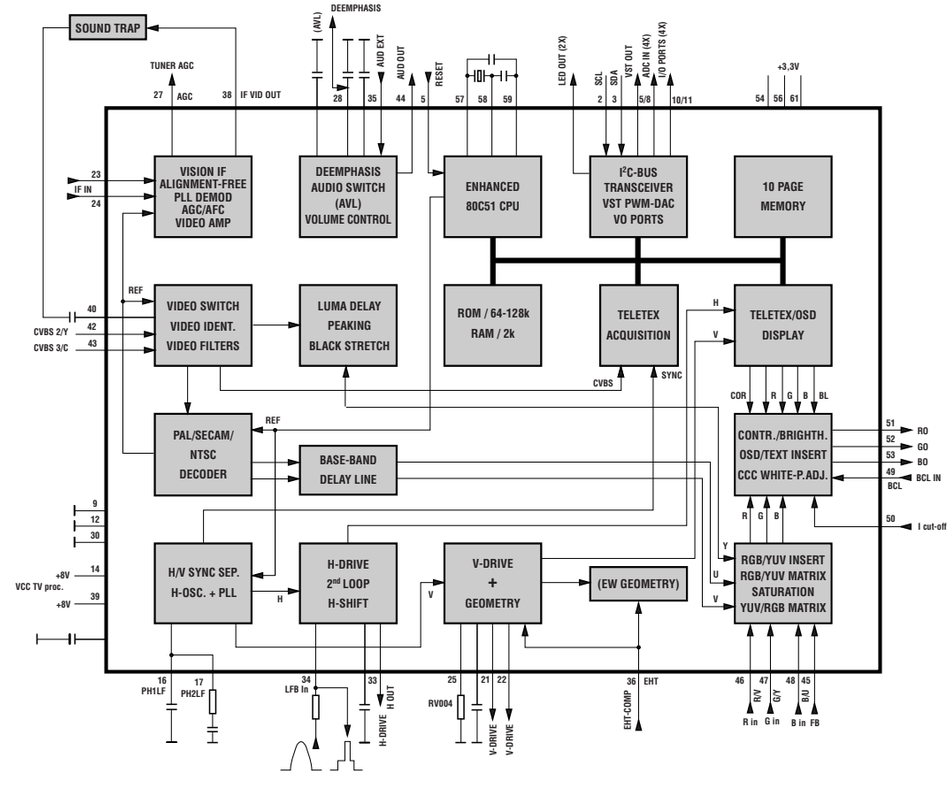
REV 03 - 2000/02
9-948-441-10

INTEGRATED CIRCUITS BLOCK DIAGRAMS - SYNOPTIQUES INTERNES DES CIRCUITS INTEGRES - INTEGRIERTE SCHALTUNGEN BLOCKSCHALTBILDER - SCHEMA A BLOCCHI DEL CIRCUITI INTEGRATI - VISTA INTERNA DE LOS CIRCUITOS INTEGRADOS

TDA9351N1 MICROPROCESSOR

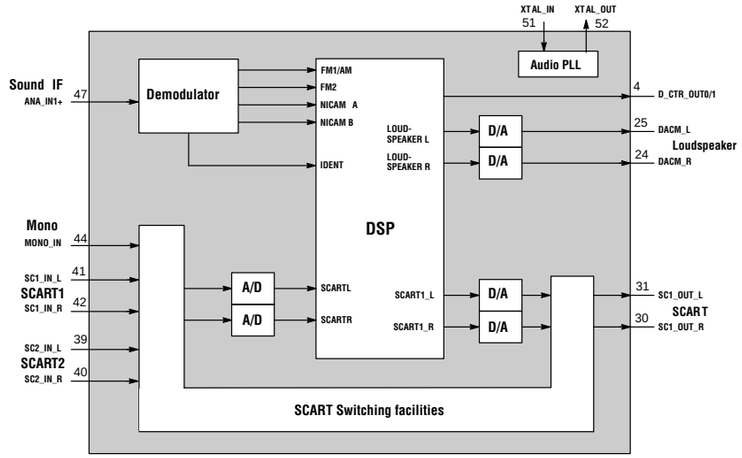


TDA9367N1 MICROPROCESSOR

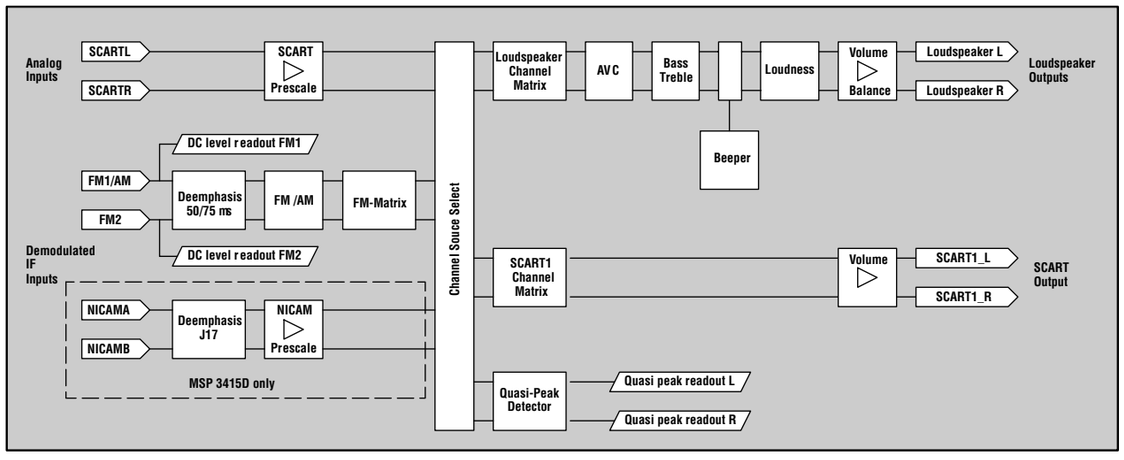


MSP 3415D

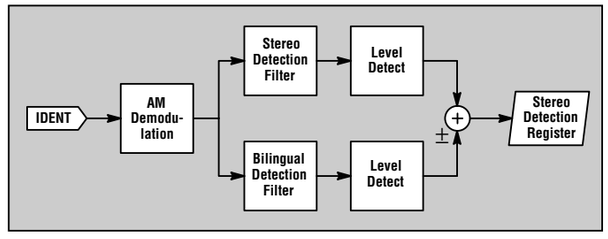
MULTISTANDARD SOUND PROCESSOR



AUDIO BASEBAND PROCESSING

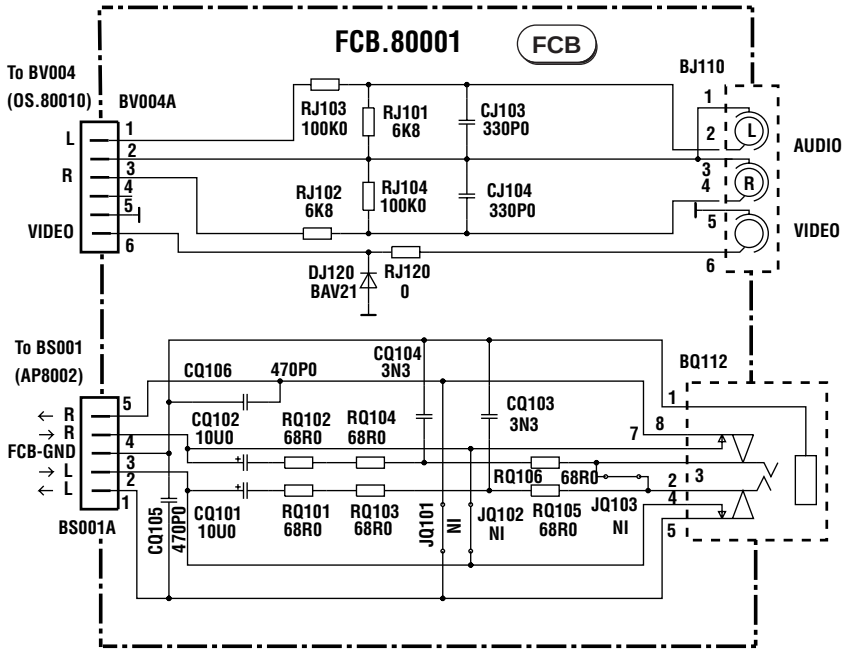


DETECTION PART OF THE MSP3415D

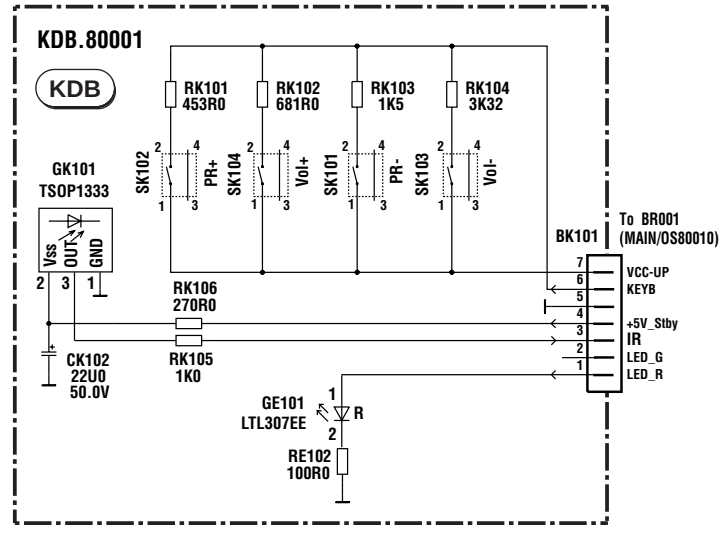


FRONT CONNECTOR BOARD -
PRISES EN FACADE ET INTERCONNEXION DU CLAVIER -
FRONT ANSCHLUSSPLATTE - PIASTRA CONNESSIONE FRONTALE -
PLÁTINA MANDOS FRONTAL

FCB.80001.00

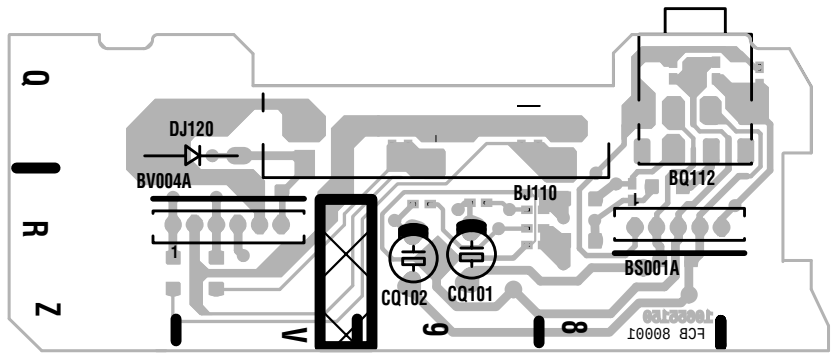


KDB.80001.00

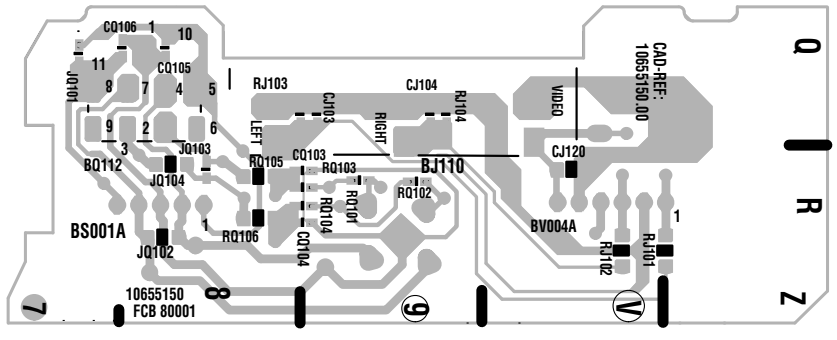


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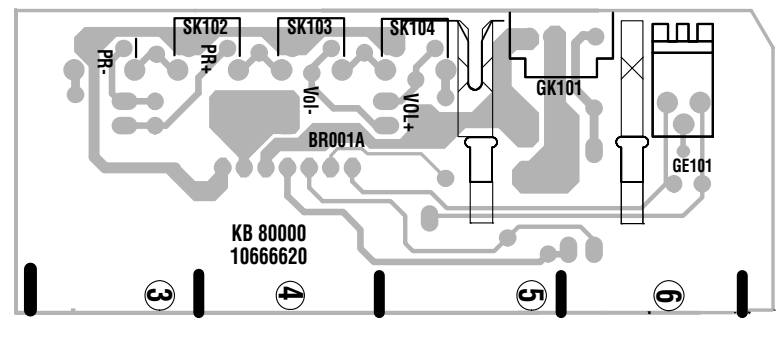
COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES



SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS

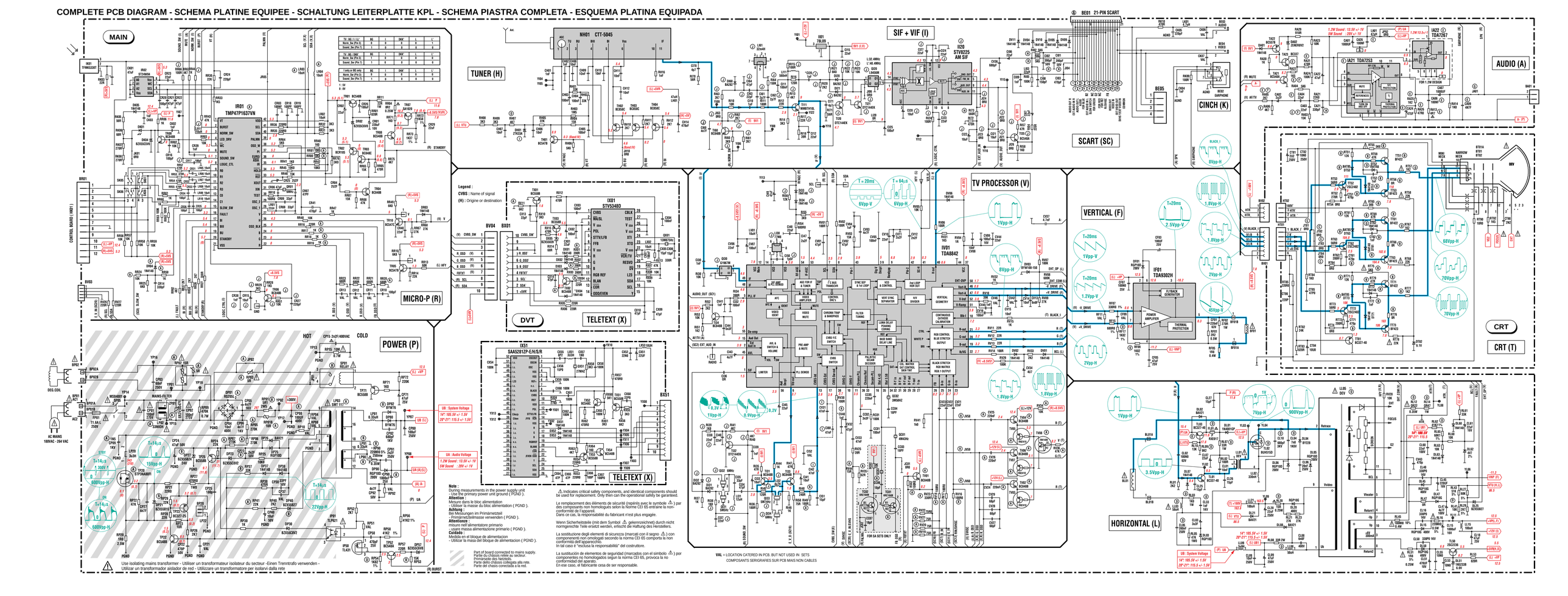


KDB.80001.00

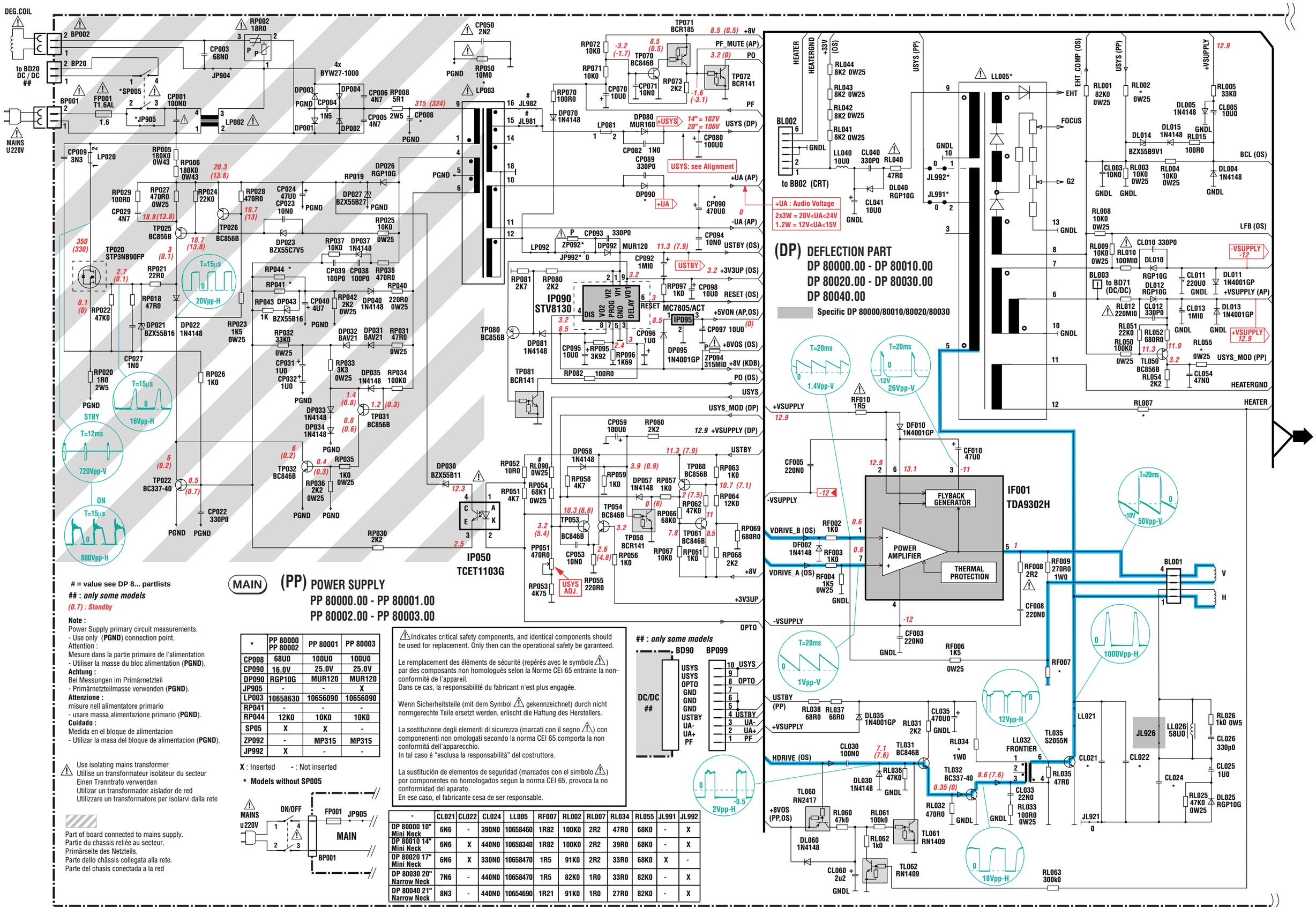


TX807 C/CS
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COMPLETE PCB DIAGRAM - SCHEMA PLATINE EQUIPEE - SCHALTUNG LEITERPLATTE KPL - SCHEMA PIASTRA COMPLETA - ESQUEMA PLATINA EQUIPADA



COMPLETE PCB DIAGRAM - SCHEMA PLATINE PRINCIPALE EQUIPEE - SCHALTUNG LEITERPLATTE KPL - SCHEMA PIASTRA COMPLETA - ESQUEMA PLATINA EQUIPADA



*	PP 80000 PP 80002	PP 80001	PP 80003
CP008	68U0	100U0	100U0
CP090	16.0V	25.0V	25.0V
DP090	RGP10G	MUR120	MUR120
JP905	-	-	X
LP003	10658630	10656090	10656090
RP041	-	-	-
RP044	12K0	10K0	10K0
SP05	X	X	-
ZP092	-	MP315	MP315
JP992	X	-	-

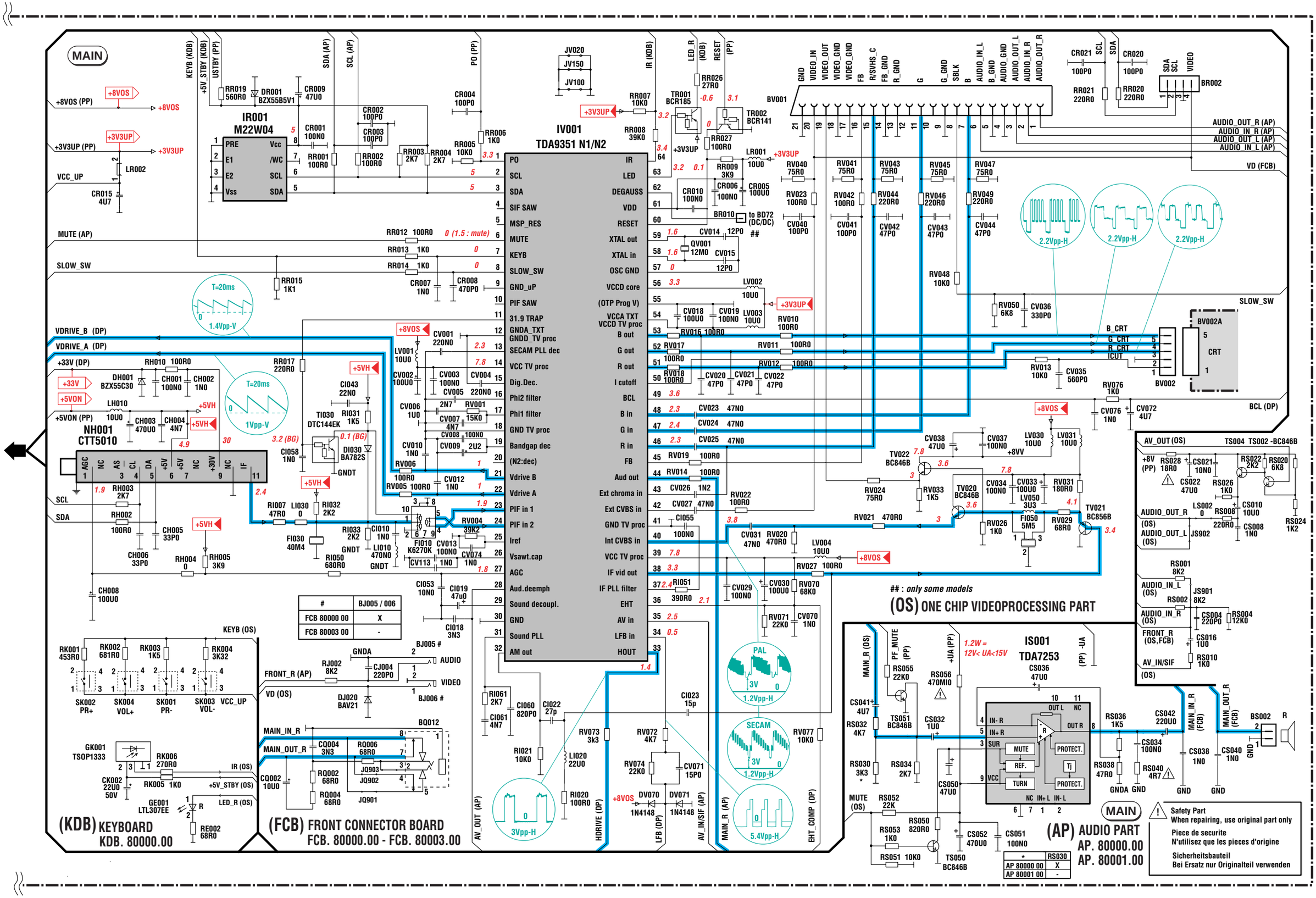
X : Inserted - : Not inserted

* Models without SP005

*	CL021	CL022	CL024	LL005	RF007	RL002	RL007	RL034	RL055	JL991	JL992
DP 80000 10" Mini Neck	6N6	-	390N0	10658460	1R82	100K0	2R2	47R0	68K0	-	X
DP 80010 14" Mini Neck	6N6	X	440N0	10658340	1R82	100K0	2R2	39R0	68K0	-	X
DP 80020 17" Mini Neck	6N6	X	330N0	10658470	1R5	91K0	2R2	33R0	68K0	X	-
DP 80030 20" Narrow Neck	7N6	-	440N0	10658470	1R5	82K0	1R0	33R0	82K0	-	X
DP 80040 21" Narrow Neck	8N3	-	440N0	10654690	1R21	91K0	1R0	27R0	82K0	-	X

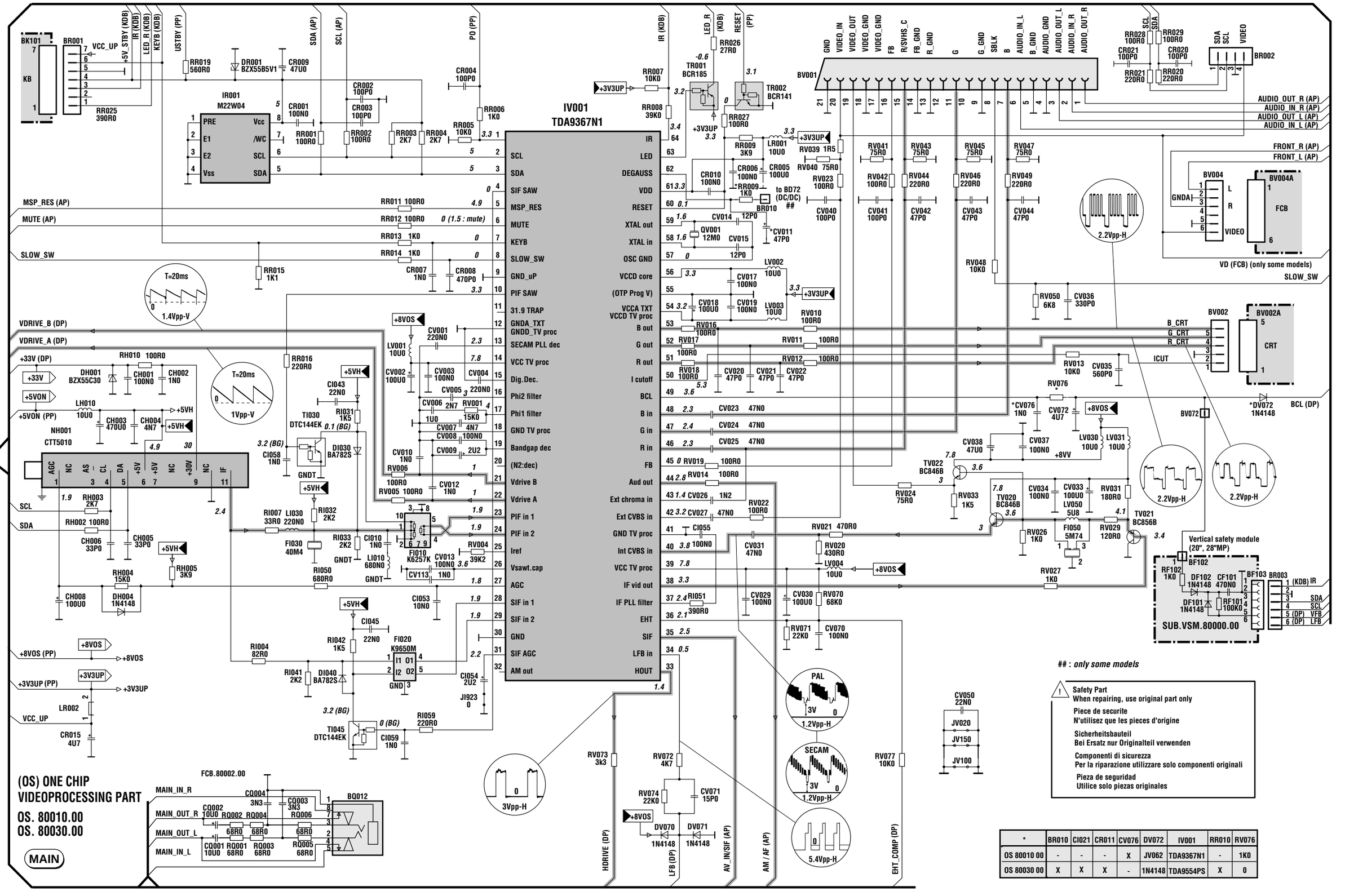
COMPLETE PCB DIAGRAM - SCHEMA PLATINE PRINCIPALE EQUIPEE - SCHALTUNG LEITERPLATTE KPL - SCHEMA PIASTRA COMPLETA - ESQUEMA PLATINA EQUIPADA

TX807 C - Mono



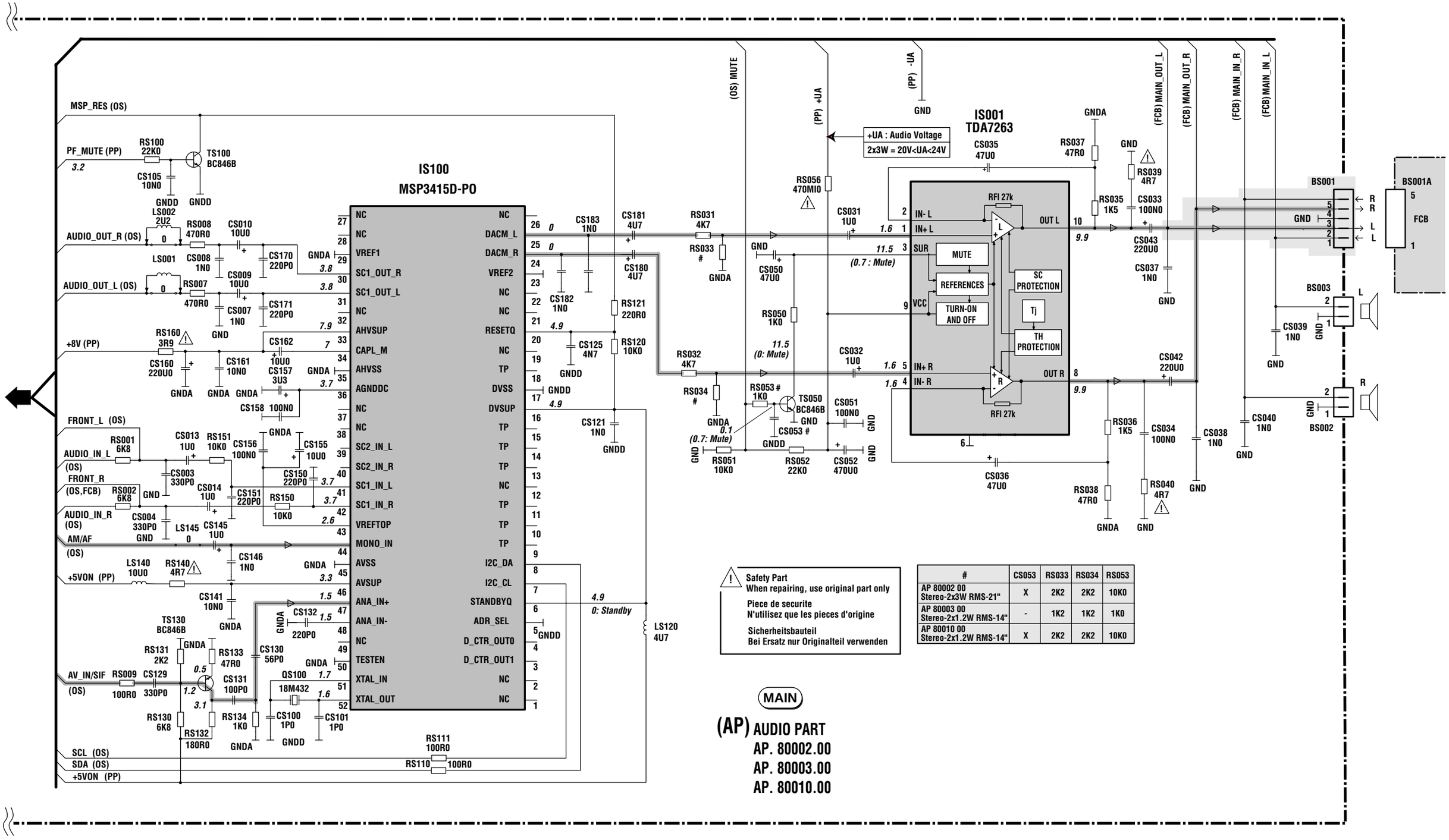
COMPLETE PCB DIAGRAM - SCHEMA PLATINE PRINCIPALE EQUIPEE - SCHALTUNG LEITERPLATTE KPL - SCHEMA PIASTRA COMPLETA - ESQUEMA PLATINA EQUIPADA

TX807 CS - Stereo



*	BR010	CI021	CR011	CV076	DV072	IV001	RR010	RV076
OS 80010 00	-	-	-	X	JV062	TDA9367N1	-	1K0
OS 80030 00	X	X	X	-	1N4148	TDA9554PS	X	0

COMPLETE PCB DIAGRAM - SCHEMA PLATINE PRINCIPALE EQUIPEE - SCHALTUNG LEITERPLATTE KPL - SCHEMA PIASTRA COMPLETA - ESQUEMA PLATINA EQUIPADA
STEREO AUDIO PART - TX807 CS



⚠ Safety Part
When repairing, use original part only

Piece de securite
N'utilisez que les pieces d'origine

Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden

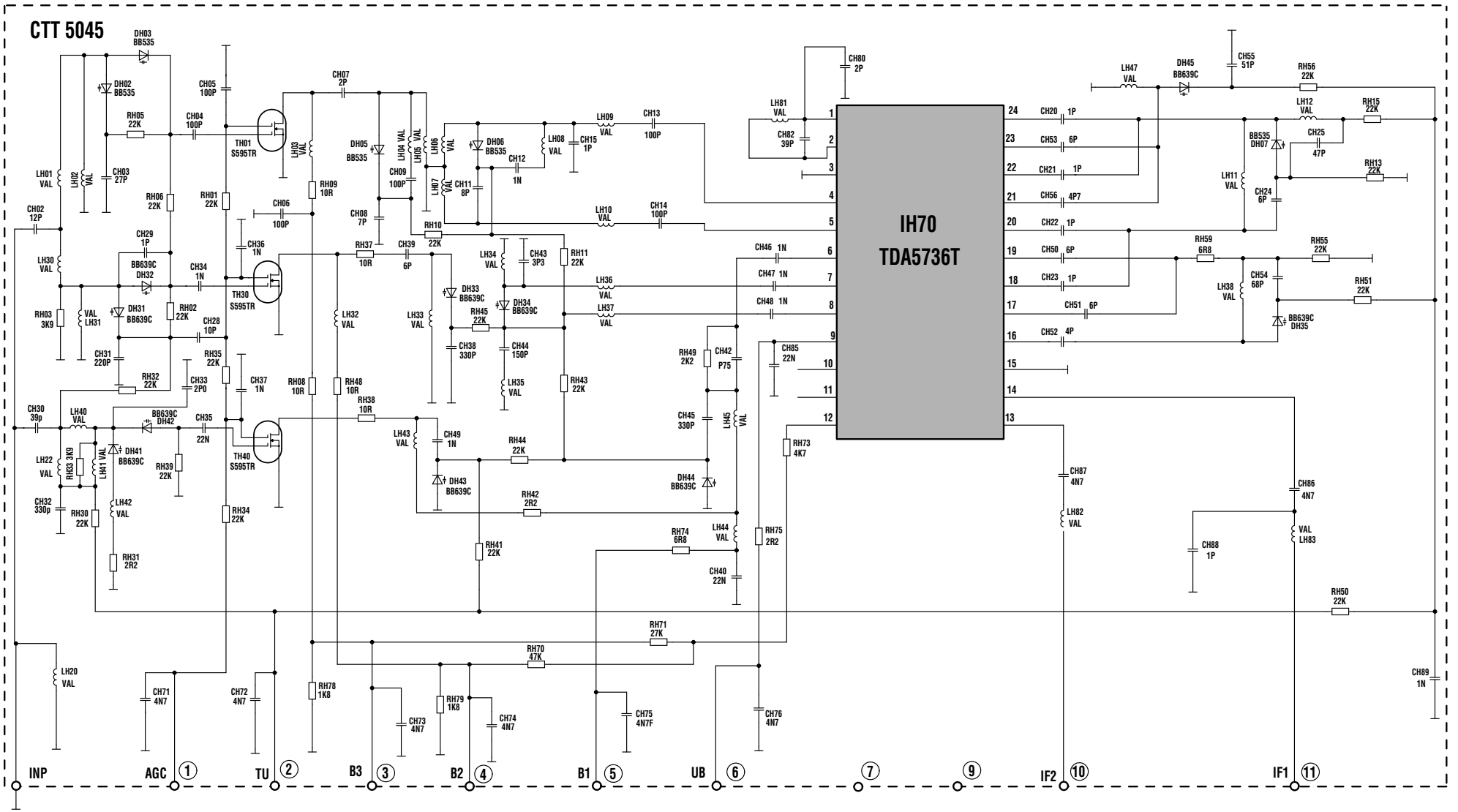
#	CS053	RS033	RS034	RS053
AP 80002 00 Stereo-2x3W RMS-21"	X	2K2	2K2	10K0
AP 80003 00 Stereo-2x1.2W RMS-14"	-	1K2	1K2	1K0
AP 80010 00 Stereo-2x1.2W RMS-14"	X	2K2	2K2	10K0

MAIN

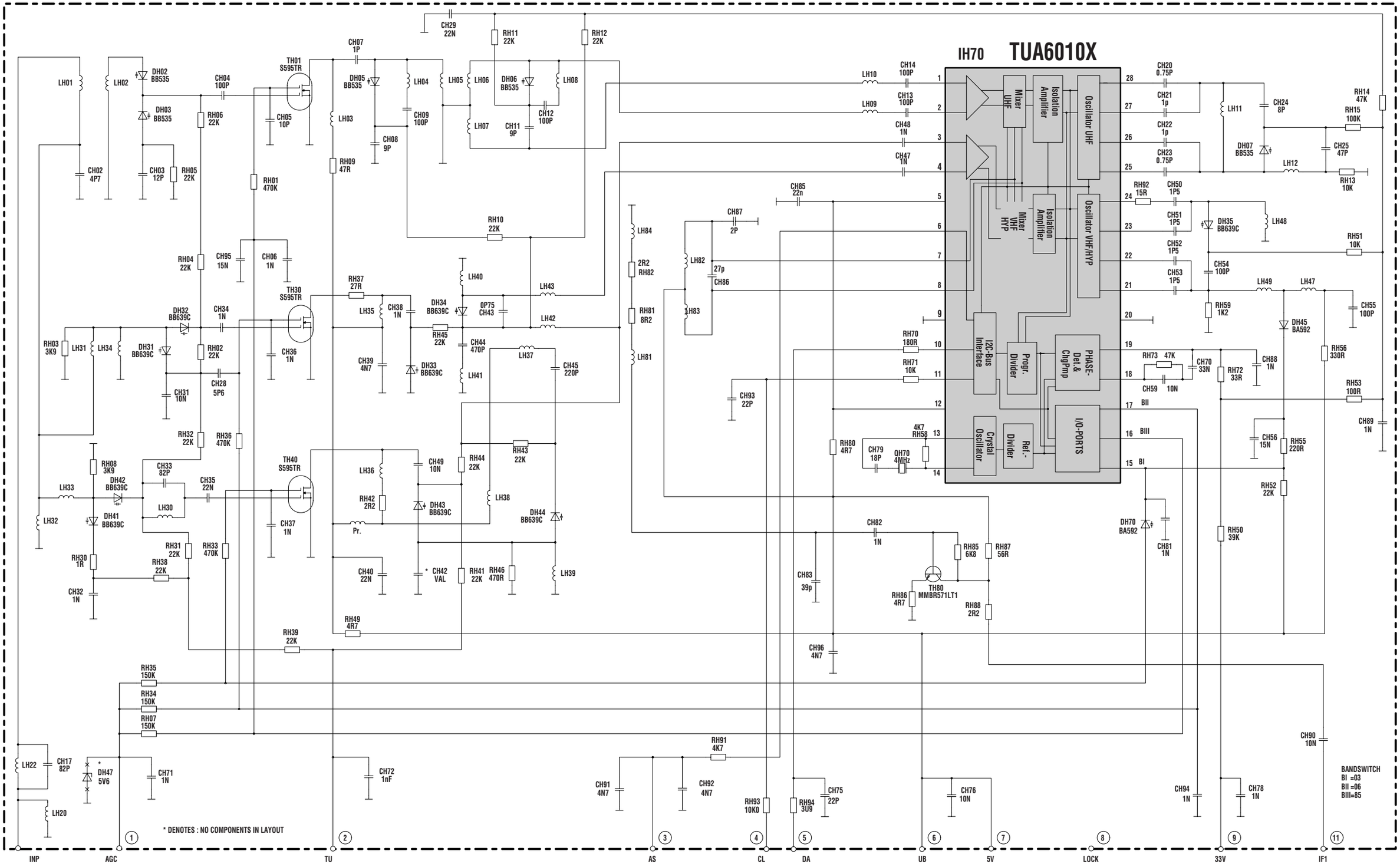
(AP) AUDIO PART
AP. 80002.00
AP. 80003.00
AP. 80010.00

TUNER CTT5045

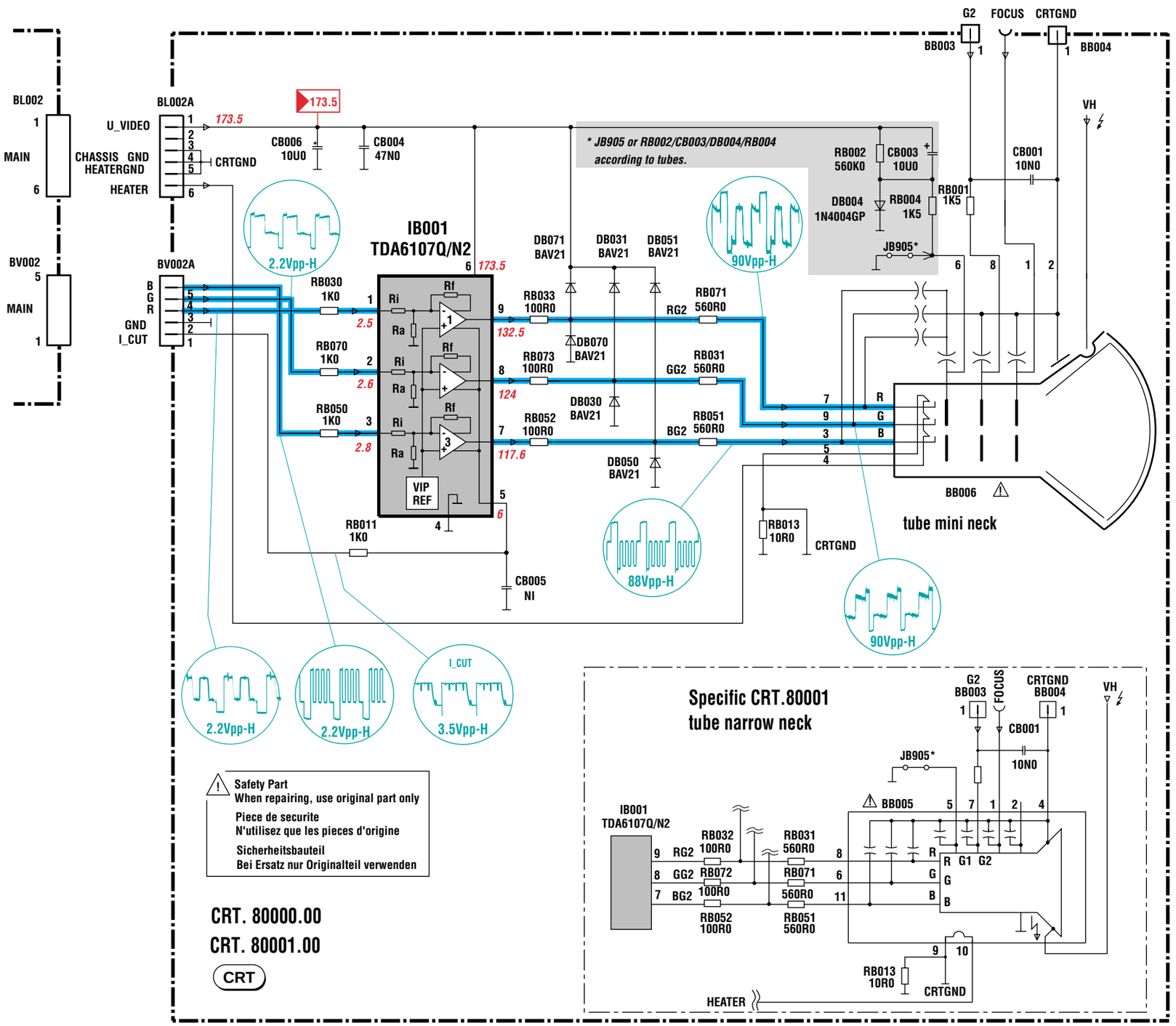
(TENSION SYNTHESIS - SYNTHESE DE TENSION - SPANNUNGSSYNTHESE - SINTESI DI TENSIONE - SINTESIS DE TENSION)



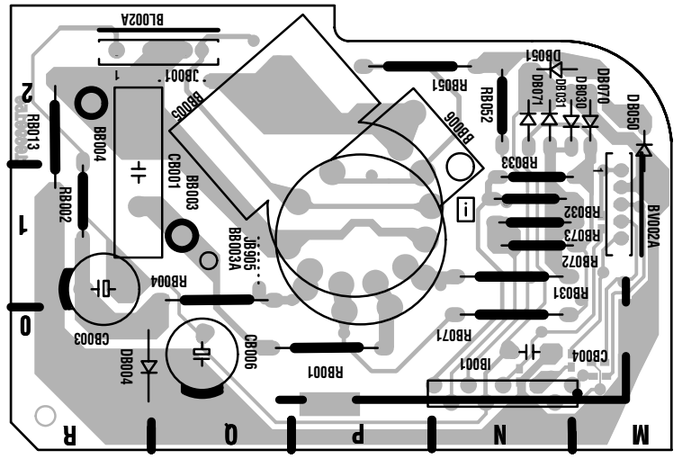
VHF / UHF TUNER CTT5010



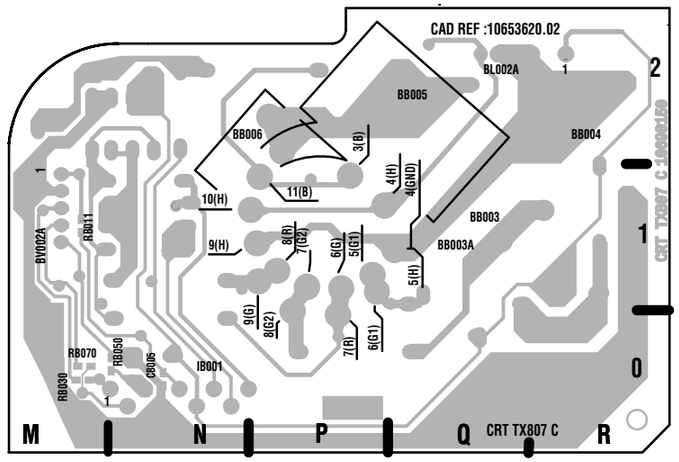
VIDEO AMPLIFIER BOARD - PLATINE AMPLIFICATEURS VIDEO - VIDEOVERSTÄRKERPLATTE - PIASTRA AMPLIFICATORE VIDEO - PLATINA AMPLIFICADOR VIDEO
CRT 80000.00 - CRT 80001.00



SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE -
LATO SALDATURE - LADO SOLDADURAS

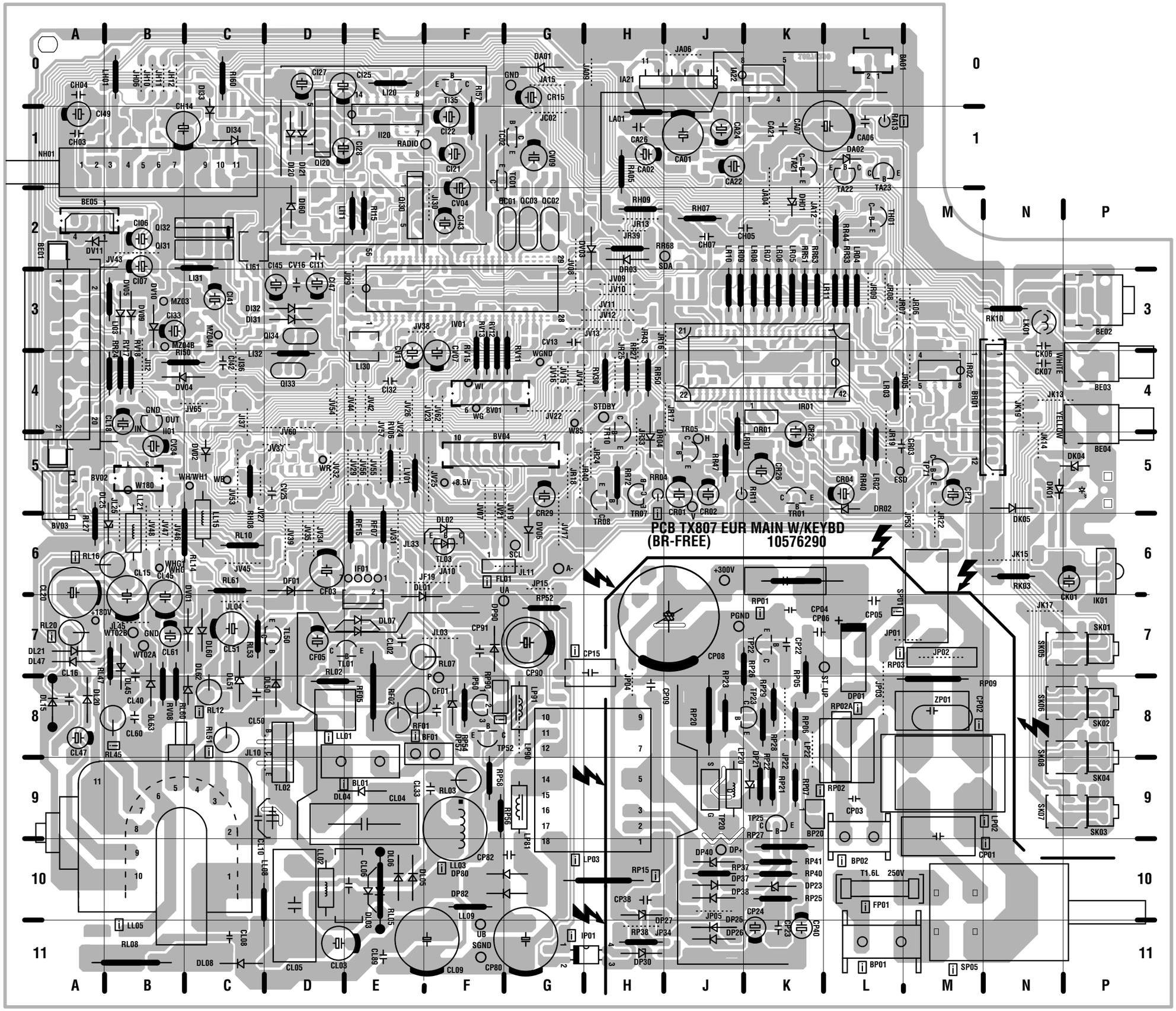


COMPONENT SIDE - CÔTE COMPOSANTS - BESTÜCKUNGSSEITE -
LATO COMPONENTI - LADO COMPONENTES



MAIN BOARD - PLATINE PRINCIPALE - CHASSIS GRUNDPLATTE - PIASTRA PRINCIPALE - PLATINA PRINCIPAL

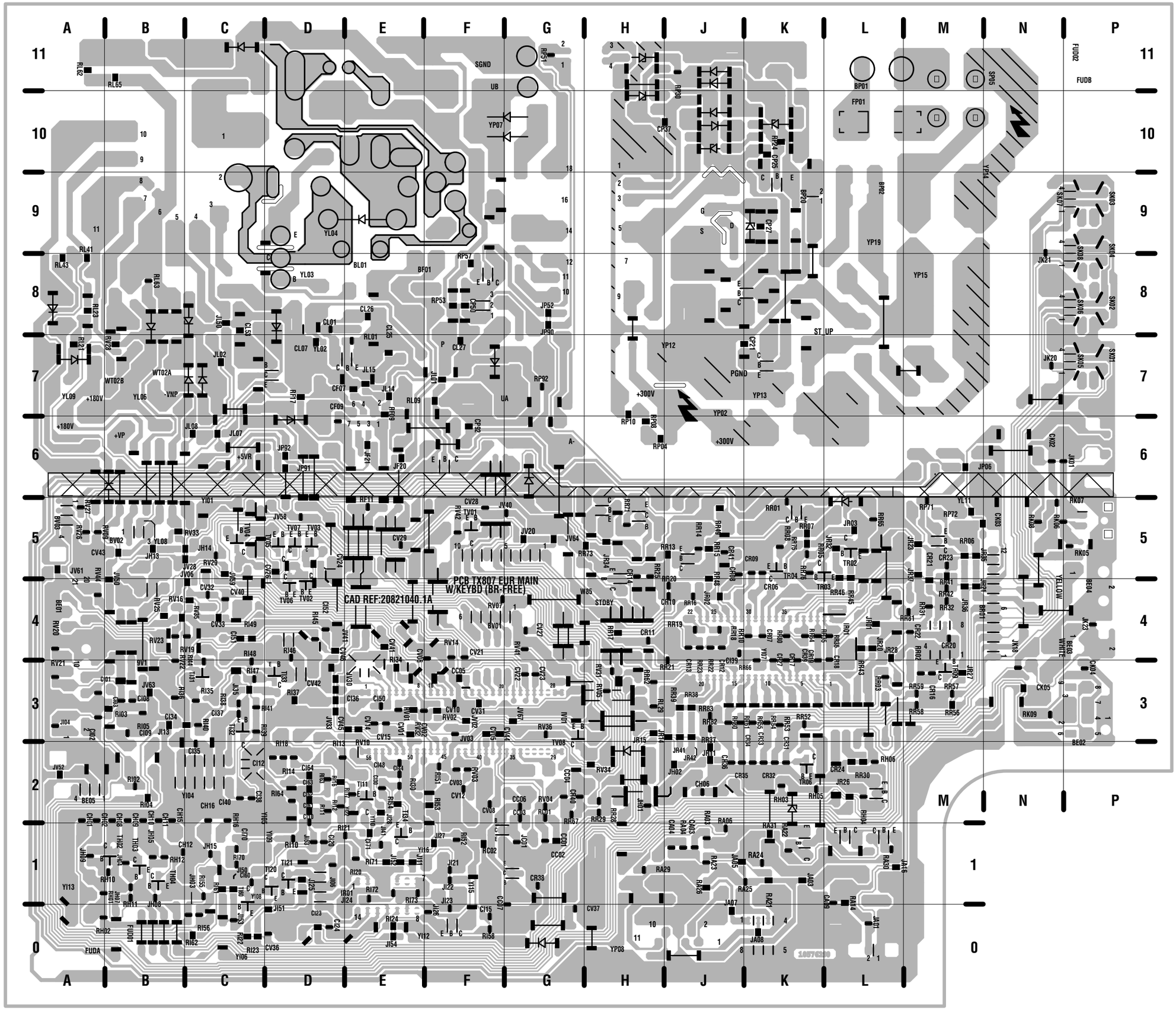
COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES



TX807

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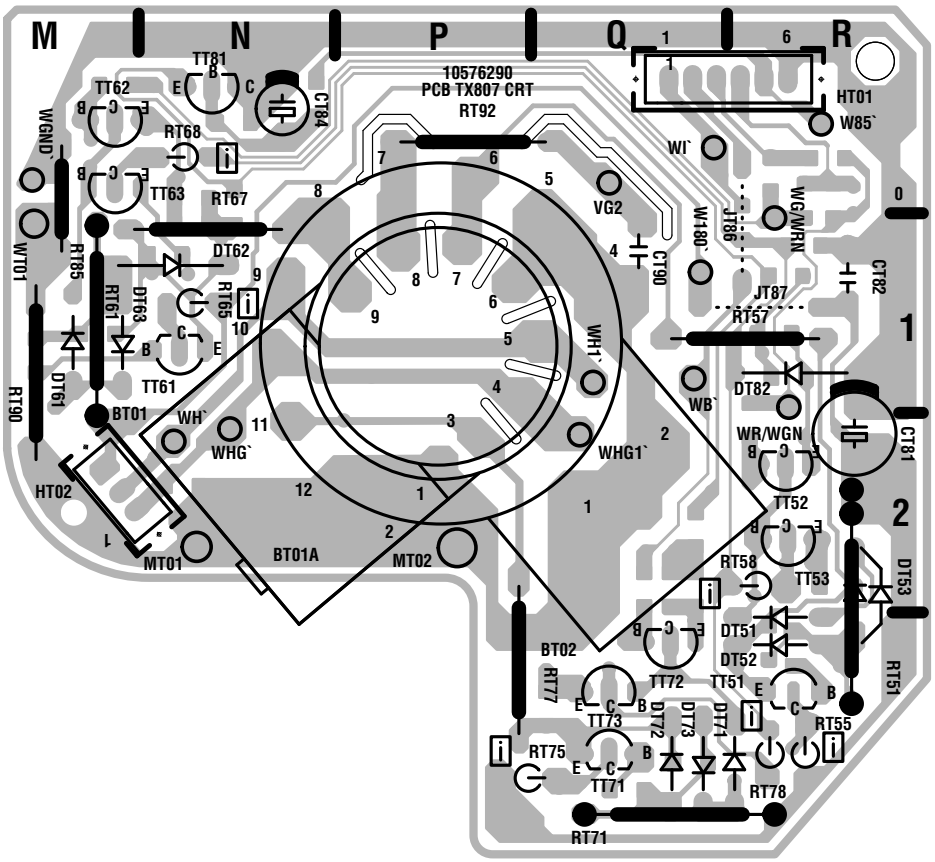
SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



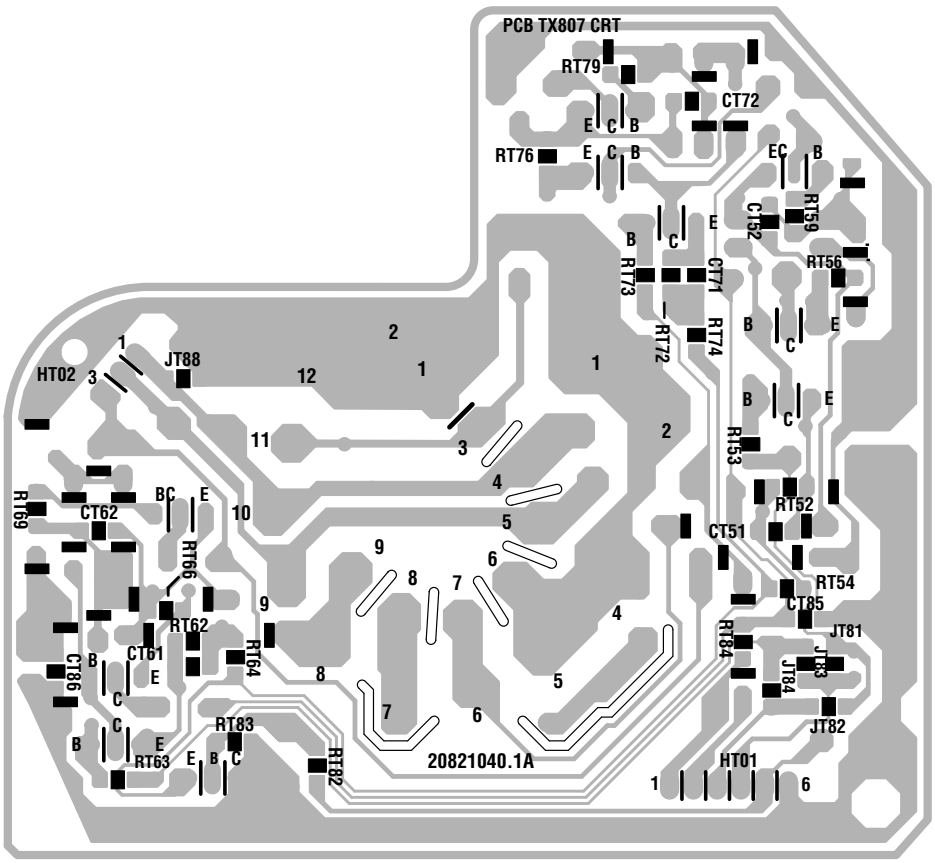
TX807
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VIDEO AMPLIFIER BOARD - PLATINE AMPLIFICATEURS VIDEO - VIDEOVERSTÄRKERPLATTE - PIASTRA AMPLIFICATORE VIDEO - PLATINA AMPLIFICADOR VIDEO

COMPONENT SIDE - CÖTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES



SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



TX807
First issue 02 / 98

THOMSON MULTI MEDIA

TV

Brandt FERGUSON SABA TELEFUNKEN THOMSON

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

THOMSON 21MF15ET Chassis TX807C

MODULES

MAIN	**T807CF985002010**	**10674980**



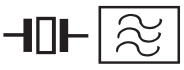
GK001	TSOP1333	25358570
IB001	TDA6107Q/N2	10659660
IF001	TDA9302H	20819860
IP050	TLP621 GR(D4-LF2 T)	⚠ 20827900
IP090	STV8130	10658850
IP095	MC7805/ACT	46007400
IR001	M22W04	10456150
IS001	TDA7253	20203120
IV001	TDA9351N1	10649480
TL035	S2055N	20578760
ZP092	MP315	⚠ 10575090
ZP094	MP32	⚠ 25405650



TI030	DTC144EK SMD	16007030
TL031,**TP**032, 053,054,061, 070,**TS**002,004, 050,051,**TV**020, 022	BC846B SMD	16006260
TL032,**TP**022	BC337-40	45001466
TL050,**TP**025, 026,031,060, 080,**TV**021	BC856B SMD	16006310
TL060	RN2417 SMD	25423180
TL061,062	RN1409 SMD	20688820
TP020	STP3NB90FP	25411640
TP058,072,081, **TR**002	BCR141 SMD	16006890
TP071,**TR**001	BCR185 SMD	16006900



DB030,031,050, 051,070,071, **DJ**020,**DP**031, 032	BAV21	44044407
DF002,**DL**004, 005,015,030, 060,**DP**022,033, 034,035,037, 040,057,058, 070,081,**DV**070, 071	1N4148	44009209
DF010,**DL**011, 013,035,**DP**095	1N4001	16008160
DH001	BZX55C30	80444170
DI030	BA782S	20542050
DL010,012,025, 040,**DP**026	RGP10G	10459090
DL014	BZX55B9V1	70438220
DP001,002,003, 004	BYW27-1000	10455390
DP021,043	BZX55B16	11073430
DP023	BZX55C7V5	80444150
DP027	BZX55C27	60447870
DP030	BZX55C11	11073670
DP080	FUF4005/MUR160	16009580
DP090,092	MUR120	10564670
DR001	BZX55B5V1/ZPD5V1 2%	44035702
GE001	LTL307/EE LED	16010330



FI010	OFWK6270K FOS	10503340
FI030	40M4HZ	10664720
FI050	5M5HZ	10658370
QV001	12M0HZ	25418130



PP051	470R0 OHM	10260350



RB001,**RL**026	1K5 OHM 5% 0,50W	10121880
RB013	10R0 OHM 10% 0,50W	15000160
RB031,051,071	560R0 OHM 10% 0,50W	10257590
RB032,052,072, **RL**033,**RV**005, 006,010,011, 012,014,019	100R0 OHM 5% 0,25W	30943330
RF004,006	1K5 OHM 1% 0,25W	80437630
RF007	1R21 OHM 1% 0,70W	13010820
RF008	2R2 OHM 5% 0,25W	⚠ 15009870
RF010	1R5 OHM 5% 0,25W	⚠ 13063950
RL010	0R1 OHM 10% 0,40W	⚠ 15022510
RL012	0R22 OHM 5% 0,50W	⚠ 10305450
RL031	2K2 OHM 5% 0,25W	15007540
RL040	47R0 OHM 5% 0,35W	⚠ 20923340
RL090	95K3 OHM 1% 0,25W	15022230
RP002	18R0 OHM 220V PTC	⚠ 41398800
RP008	5R1 OHM 10% 2,50W	10472390
RP020	1R0 OHM 5% 2,50W	10383240
RP050	10M0 OHM 5% 0,70W	⚠ 10074320
RP054	68K1 OHM 1% 0,70W	10147740
RS028	18R0 OHM 5% 0,30W	⚠ 15009660
RS040	4R7 OHM 5% 0,35W	⚠ 10226310
RS056	0R47 OHM 10% 0,40W	⚠ 15022650



CB001	10N0F 3K0V	14036450
CB004	47N0F 5% 250V	40433080
CL003	10N0F 5% 400V	10588870
CL010,012,026, 040,**CP**089,093	330P0F 20% 1K0V	14035270
CL021	8N3F 3.5% 1K6V	43389200
CL024	440N0F 5% 250V	43352100
CP001	100N0F 20% 275V	⚠ 10331520
CP003	68N0F 20% 250V	10256210
CP004	1N5F 10% 1K0V	20338740
CP005,006	4N7F 1K0V	10058740
CP008	100U0F 20% 400V	10658550
CP009	3N3F 20% 1K6V	10607950
CP050	2N2F 20% 400V	⚠ 10344870
CP082	1N0F 10% 500V	10546570

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

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Pour toutes précisions, contactez votre service apres vente local THOMSON multimedia
Für weitere Auskünfte, wenden Sie sich bitte an die THOMSON multimedia Kundendienste
Per precisazioni, contattare l'assistenza tecnica THOMSON multimedia
Para cualquier pregunta, por favor contactar con el responsable de zona del servicio postventa de THOMSON multimedia

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REV. N° 0 00 / 00 **00000000**

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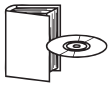
LL005	DSTLH27F	⚠	10654690
LL026		⚠	80367500
LL032	DRIVER		20936440
LP002		⚠	10654720
LP003	SMT17	⚠	10674880

OTHER PARTS
AUTRES PIECES
SONSTIGE TEILE
ALTRE PARTI
OTRAS PIEZAS

BB005	CATHODE RAY TUBE SOCKET SUPPORT TUBE CATHODIQUE BILDROEHRENFASSUNG SUPPORTO TUBO CATODICO SOPORTE T.R.C	⚠	80298800
BQ012	HEADPHONE SOCKET PRISE CASQUE KOPFHOERERBUCHSE PRESA JACK TOMA JACK		20345310
BV001	SCART SOCKET PRISE PERITEL EURO-AV-BUCHSE EUROPRESA NORMALIZZATA EUROCONECTOR		10362830
FP001	1A6T TIME-LAG FUSE 1A6T FUSIBLE TEMPORISE 1A6T SICHERUNG 1A6T FUSIBILE TEMPORIZZATO 1A6T FUSIBLE TEMPORIZADO	⚠	48064700
NH001	CTT5010 UHF/VHF TUNER CTT5010 TETE UHF/VHF CTT5010 UHF/VHF TUNER CTT5010 TUNER UHF/VHF CTT5010 SINTONIZADOR UHF/VHF		20812280
SK001,002,003,004	MICROSWITCH MICRO CONTACTEUR MIKROSCHALTER MICROINTERRUTTORE MICROCONTACTOR		30011100
SP005	ON/OFF SWITCH CONTACTEUR MARCHE/ARRET EIN-AUS SCHALTER CONTATTORE ACCESO/SPENTO CONTACTOR MAECHA/PARADA	⚠	25442860

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

FRONT PANEL AND BUTTON FACADE ET TOUCHES FRONTPLATTE UND TASTE PANNELLO FRONTALE E TASTO PANEL FRONTAL Y TECLA		25315210
REAR PANEL DOS RUECKWAND PANNELLO POSTERIORE TAPA POSTERIOR	⚠	25315220
INFRARED WINDOW GLACE INFRAROUGE INFRAROT FENSTER VETRO INFRAROSSO CRISTAL INFRARROJO		25316500
LOGO THOMSON LOGO THOMSON SCHRIFTZUG THOMSON MARCHIO THOMSON LOGOTIPO THOMSON		25332060
8R OHM 8W LOUDSPEAKER 50X90 8R OHM 8W HAUT PARLEUR 50X90 8R OHM 8W LAUTSPRECHER 50X90 8R OHM 8W ALTOPARLANTE 50X90 8R OHM 8W ALTAVOZ 50X90		10377680
ON/OFF BUTTON TOUCHE MARCHE/ARRET EIN-AUS TASTE TASTO ACCESO/SPENTO TECLA MARCHZ/PARADA		25456000
POWER SUPPLY LEAD CORDON D'ALIMENTATION NETZKABEL CAVO DI ALIMENTAZIONE CABLE DE ALIMENTACION	⚠	10260830
A51EFS83X601 CATHODE RAY TUBE A51EFS83X601 TUBE CATHODIQUE A51EFS83X601 FARBBILDROEHRE A51EFS83X601 TUBO CATODICO A51EFS83X601 T.R.C	⚠	10675850
DEGAUSSING COIL BOBINE DE DEMAGNETISATION ENTMAGNETISIERUNGSSPULE BOBINA DI SMAGNETIZZAZIONE BOBINA DE DESIMANTACION	⚠	47320195
RCTMB100 REMOTE CONTROL RCTMB100 TELECOMMANDE RCTMB100 FERNBEDIENUNG RCTMB100 TELECOMANDO RCTMB100 TELEMANDO		20879230
FOLDING BOX EMBALLAGE CARTON KARTON IMBALLAGGIO CARTONE EMBALAJE CARTON		25335000
FITTING UPPER CALE SUPERIEURE POLSTER OBEN DISTANZIATORE SUPERIORE CALZO SUPERIOR		25312510
FITTING DOWNER CALE INFERIEURE POLSTER UNTEN DISTANZIATORE INFERIORE CALZO INFERIOR		25312530



21MF15ET PARTS LIST 21MF15ET LISTE DE PIECES DETACHEES 21MF15ET ERSATZTEILLISTE 21MF15ET LISTA PARTI DI RICAMBIO 21MF15ET LISTA DE PIEZAS DE REPUESTO	35115240
TX807C/CS SERVICE MANUAL TX807C/CS DOC TECHNIQUE TX807C/CS TECHNISCHE DOKUMENTATION TX807C/CS DOCUMENTAZIONE TECNICA TX807C/CS DOCUMENTACION TECNICA	35110300
CDROM TX807 CDROM TX807 CDROM TX807 CDROM TX807 CDROM TX807	35059310
TX807C/CS UM D/F/I/GB/GR/DK/NL/S/E/P/CZ/H/PL/RU/SK TX807C/CS UM D/F/I/GB/GR/DK/NL/S/E/P/CZ/H/PL/RU/SK TX807C/CS UM D/F/I/GB/GR/DK/NL/S/E/P/CZ/H/PL/RU/SK TX807C/CS UM D/F/I/GB/GR/DK/NL/S/E/P/CZ/H/PL/RU/SK TX807C/CS UM D/F/I/GB/GR/DK/NL/S/E/P/CZ/H/PL/RU/SK	50007930

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THOMSON MULTI MEDIA

TV

Brandt FERGUSON SABA TELEFUNKEN THOMSON

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

THOMSON 25DG170G Chassis TX807CS

MODULES

MAIN	**T807CF5C3022043**	**10684610**
EWM	**EWM80050**	**10679310**
VSM	**SUB VSM80000**	**10705270**



GK101	TSOP1333		25358570
IB001	TDA6107Q/N2		10659660
IF001	TDA8177		15053440
IL101	LM324AN		20679790
IP050	TLP621 GR(D4-LF2 T)	⚠	20827900
IP090	STV8130		10658850
IP095	MC7805/ACT		46007400
IR001	M22W04/24WC04P		10456150
IS001	TDA7263		10281150
IS100	MSP3415G-PO-B8		10714120
IS100	MSP3415D-PO-B3		10648130
IV001	TDA9554PS/N1/1/0274		10649490
ZP092	MP315	⚠	10575090
ZP094	MP32	⚠	25405650



TI030,045	DTC144EK SMD	16007030
TL031,062, **TP**032,053,054, 061,070,**TS**050, 100,130,**TV**020, 022	BC846B SMD	16006260
TL032,**TP**022	BC337-40	45001466
TL035	ST1803DHI(559B)	25540550
TL035	S2055N	20578760
TL050,**TP**025, 026,031,060, 080,**TV**021	BC856B SMD	16006310
TL060	RN2417 SMD	25423180
TL061,062	RN1409 SMD	20688820
TL101	IRF630FP	25453960
TP020	STP6NB90FP	25460310
TP058,072,081, **TR**002	BCR141 SMD	16006890
TP071,**TR**001	BCR185 SMD	16006900



DB004	1N4004	44009009
DB030,031,050, 051,070,071, **DJ**120,**DL**101, **DP**031,032	BAV21	44044407
DF002,003,101, 102,**DH**004, **DL**004,015,030, 060,103,116, 117,**DP**022,033, 034,035,037, 040,057,058, 070,081,**DV**070, 071,072	1N4148	44009209
DF010,**DL**011, 013,035,**DP**095	1N4001	16008160
DH001	BZX55C30	80444170
DI030,040	BA782S SMD	20542050
DL010,012,025, 040,**DP**026,090	RGP10G	10459090
DL014	BZX55B15/ZPD15 2%	80444020
DL021	BY228	16008370
DL104,**DR**001	BZX55B5V1/ZPD5V1 2%	44035702
DL121,122	RGP15G	10272800
DL138	BAT42	16007410
DP001,002,003, 004	BYW27-1000	10455390
DP021	BZX55B16	11073430
DP023	BZX55C7V5	80444150
DP027	BZX55B30	20475340
DP030	BZX55C11	11073670
DP080	MUR460	16009650
DP092	EGP10D	20953640
GE101	LTL307/EE LED	16010330



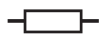
FI010	OFWK6257K FOS	10545030
FI020	OFWK9650M FOS	10545440
FI030	40M4HZ	10664720
FI050	5M74HZ	20338170
QS100	18M432HZ	10334670
QV001	12M0HZ	25418130



LL122		10636390



PL140,143	4K7 OHM	10082930
PL141	470R0 OHM	10260250
PP051	470R0 OHM	10260350



RB001,004, **RL**026	1K5 OHM 5% 0,50W		10121880
RB013	10R0 OHM 10% 0,50W		15000160
RB031,051,071	560R0 OHM 10% 0,50W		10257590
RF004,006, **RK**103	1K5 OHM 1% 0,25W		80437630
RF007	1R21 OHM 1% 0,70W		13010820
RF008	2R2 OHM 5% 0,25W	⚠	15009870
RK101	453R0 OHM 1% 0,250W		15018140
RK102	681R0 OHM 1% 0,25W		15020310
RK104	3K32 OHM 1% 0,25W		15017270
RL010	0R1 OHM 10% 0,40W	⚠	15022510
RL012	0R22 OHM 5% 0,50W	⚠	10305450
RL040	47R0 OHM 5% 0,35W	⚠	20923340
RL063	18K0 OHM +1% 62MI5W		25516210
RL068	1K0 OHM +1% 62MI5W		20675080
RL090	127K0 OHM 1% 0,40W		41310702
RP002	18R0 OHM 220V PTC	⚠	41398800
RP008	4R7 OHM 5% 3W		25477780
RP020	0R68 OHM 5% 2,5W		20822410
RP050	10M0 OHM 5% 0,70W	⚠	10074320
RS039,040,140	4R7 OHM 5% 0,35W	⚠	10226310
RS056	0R47 OHM 10% 0,40W	⚠	15022650
RS160	3R9 OHM 5% 0,25W	⚠	15009970

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

For any requests, please contact THOMSON multimedia after sales service area
Pour toutes précisions, contactez votre service apres vente local THOMSON multimedia
Für weitere Auskünfte, wenden Sie sich bitte an die THOMSON multimedia Kundendienste
Per precisazioni, contattare l'assistenza tecnica THOMSON multimedia
Para cualquier pregunta, por favor contactar con el responsable de zona del servicio postventa de THOMSON multimedia

VERSION 1 **01 / 2002**
VERSION 2 00 / 0000
35183880

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CB001	10N0F 3K0V		14036450
CB004	47N0F 5% 250V		40433080
CL003	22N0F 5% 400V		10535740
CL010,012,026, 040,**CP**089,093	330P0F 20% 1K0V		14035270
CL021	14N4F 3,5% 1K6V		10042750
CL024	440N0F 5% 250V		43352100
CL033	47NF 10% 63V		13076040
CL035	470U0F +20% 25V		10361630
CL122	27N0F 5% 400V		10263540
CL123	2U7F 10% 100V		10161170
CL144	100P0F 20% 1K0V		14035280
CP001	100N0F 20% 275V	⚠	10331520
CP003	68N0F 20% 250V		10256210
CP004	1N5F 10% 1K0V		20338740
CP005,006	4N7F 1K0V		10058740
CP008	150U0F 20% 400V		13050060
CP009	3N3F 20% 1K6V		10607950
CP050	2N2F 20% 400V	⚠	10344870
CP082	1N0F 10% 500V		10546570
CS100	2P2F +0P1F -0P1F 50V		21023750

LL005	DSTMH30	⚠	10691490
LL026	23U0H 15%	⚠	10678590
LL032	DRIVER		20936440
LP002	25M0H	⚠	10688710
LP003	SMT	⚠	10693580

OTHER PARTS
AUTRES PIECES
SONSTIGE TEILE
ALTRE PARTI
OTRAS PIEZAS

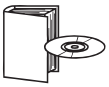
BB005	CATHODE RAY TUBE SOCKET SUPPORT TUBE CATHODIQUE BILDROEHRENFASSUNG SUPPORTO TUBO CATODICO SOPORTE T.R.C	⚠	80298800
BJ110	CINCH SOCKET PRISE CINCH CINCH-BUCHSE PRESA CINCH TOMA CINCH		10037440
BQ112	HEADPHONE SOCKET PRISE CASQUE KOPFHOERERBUCHSE PRESA JACK TOMA JACK		20345310
BV001	SCART SOCKET PRISE PERITEL EURO-AV-BUCHSE EUROPRESA NORMALIZZATA EUROCONECTOR		10362830
CH200	ON/OFF SWITCH MSB2000 CONTACTEUR MARCHE/ARRET MSB2000 EIN-AUS SCHALTER MSB2000 CONTATTORE ACCESO/ SPENTO MSB2000 CONTACTOR MARCHA/PARADA MSB2000	⚠	10276500
CJ100	THT CABLE 600MM CABLE THT 600MM KABEL THT 600MM CAVO THT 600MM CABLE THT 600MM	⚠	10562580
CJ105	CABLE 460MM 20KV HT STRIPPED CABLE 460MM 20KV HT STRIPPED KABEL 460MM 20KV HT STRIPPED CAVO 460MM 20KV HT STRIPPED CABLE 460MM 20KV HT STRIPPED	⚠	10369650
FP001	1A6T 250V TIME-LAG FUSE 1A6T 250V FUSIBLE TEMPORISE 1A6T 250V SICHERUNG 1A6T 250V FUSIBILE TEMPORIZZATO 1A6T 250V FUSIBLE TEMPORIZADO	⚠	48064700
NH001	CTT5010 UHF/VHF TUNER CTT5010 TETE UHF/VHF CTT5010 UHF/VHF TUNER CTT5010 TUNER UHF/VHF CTT5010 SINTONIZADOR UHF/VHF		20812280
SK101,102,103, 104	MICROSWITCH MICRO CONTACTEUR MIKROSCHALTER MICROINTERRUTTORE MICROCONTACTOR		30011100

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

FRONT PANEL SI07TH FACADE SI07TH FRONTPLATTE SI07TH PANNELLO FRONTALE SI07TH PANEL FRONTAL SI07TH		25574010
REAR PANEL GY41TH DOS GY41TH RUECKWAND GY41TH PANNELLO POSTERIORE GY41TH TAPA POSTERIOR GY41TH	⚠	25574360
LOGO THOMSON LOGO THOMSON SCHRIFTZUG THOMSON MARCHIO THOMSON LOGOTIPO THOMSON		25287740
JACK COVER SI07TH VOLET PRISE JACK SI07TH BUCHSENKLAPPE SI07TH SPORTELLO PRESA JACK SI07TH TAPA TOMA JACK SI07TH		25574030
CHASSIS SUPPORT SUPPORT CHASSIS CHASSIS HALTER SUPPORTO CHASSIS SOPORTE CHASSIS		25382530
LOUSPEAKER GUIDE CORNET ACOUSTIQUE FUEHRUNGSSCHIENE LAUTSPRECHER GUIDA ALTOPARLANTE GUIA ALTAVOZ		25423150
8R OHM 15W LOUDSPEAKER 60X125MM 8R OHM 15W HAUT PARLEUR 60X125MM 8R OHM 15W LAUTSPRECHER 60X125MM 8R OHM 15W ALTOPARLANTE 60X125MM 8R OHM 15W ALTAVOZ 60X125MM		25499560
ON/OFF BUTTON SI07TH TOUCHE MARCHE/ARRET SI07TH EIN-AUS TASTE SI07TH TASTO ACCESSO/SPENTO SI07TH TECLA MARCHA/PARADA SI07TH		25574040
BUTTON STRIP SI07TH BARRETTE DE TOUCHES SI07TH TASTENLEISTE SI07TH PIATTINA TASTI SI07TH PLACA DE TECLAS SI07TH		25574380
POWER SUPPLY LEAD CORDON D'ALIMENTATION NETZKABEL CAVO DI ALIMENTAZIONE CABLE DE ALIMENTACION	⚠	10260880
CORD STOPPER ATTACHE CORDON SECTEUR ZUGENTLASTUNG BRIDA CORDONE DI ALIMENTAZIONE SUJECION CABLE DE ALIMENTACION		25071420
A59EHJ13X715 CATHODE RAY TUBE A59EHJ13X715 TUBE CATHODIQUE A59EHJ13X715 FARBBILDROEHRE A59EHJ13X715 TUBO CATODICO A59EHJ13X715 T.R.C	⚠	10722500
DEGAUSSING COIL BOBINE DE DEMAGNETISATION ENTMAGNETISIERUNGSSPULE BOBINA DI SMAGNETIZZAZIONE BOBINA DE DESIMANTACION	⚠	47320092
RCTMB100 REMOTE CONTROL RCTMB100 TELECOMMANDE RCTMB100 FERNBEDIENUNG RCTMB100 TELECOMANDO RCTMB100 TELEMANDO		20879230
FOLDING BOX EMBALLAGE CARTON KARTON IMBALLAGGIO CARTONE EMBALAJE CARTON		25302970
FITTING DOWNER CALE INFERIEURE POLSTER UNTEN DISTANZIATORE INFERIORE CALZO INFERIOR		25303050
FITTING UPPER CALE SUPERIEURE POLSTER OBEN DISTANZIATORE SUPERIORE CALZO SUPERIOR		25303020

MAINTENANCE TOOLS
MAINTENANCE
WERKZEUG FUER DAS GERAET
UTENSILI DI MANUTENZIONE
MANTENIMIENTO

TX807C/CS 110D POWER SUPPLY REPAIR KIT TX807C/CS 110D KIT DE MAINTENANCE ALIM. TX807C/CS 110D REPARATURSET NETZTEIL TX807C/CS 110D KIT PER RIPARARE L'ALIM. TX807C/CS 110D KIT DE REPARACION DE L'ALIM.	35135370



25DG170G PARTS LIST 25DG170G LISTE DE PIECES DETACHEES 25DG170G ERSATZTEILLISTE 25DG170G LISTA PARTI DI RICAMBIO 25DG170G LISTA DE PIEZAS DE REPUESTO	35183880
TX807C/CS SERVICE MANUAL TX807C/CS DOC TECHNIQUE TX807C/CS TECHNISCHE DOKUMENTATION TX807C/CS DOCUMENTAZIONE TECNICA TX807C/CS DOCUMENTACION TECNICA	35110300
TX807C/CS SERVICE MANUAL SUPPLEMENT TX807C/CS DOC TECHNIQUE ADDITIF TX807C/CS SECHNISCHE DOKUMENTATION ZUSAT TX807C/CS DOCUMENTAZIONE ADDITIVO TX807C/CS DOCUMENTACION ADITIVO	35141950
CDROM TX807/C/CS VERSION 2 CDROM TX807/C/CS VERSION 2 CDROM TX807/C/CS VERSION 2 CDROM TX807/C/CS VERSION 2 CDROM TX807/C/CS VERSION 2	35110290
TX807C/CS UM 15 LANGUAGES N2 TX807C/CS NU 15 LANGUAGES N2 TX807C/CS BA 15 LANGUAGES N2 TX807C/CS IU 15 LANGUAGES N2 TX807C/CS IU 15 LANGUAGES N2	50019620

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THOMSON multimedia S.A au capital de 994 175 655 €- 46, Quai Alphonse Le Gallo 92648 Boulogne Cedex FRANCE - RCS NANTERRE B 333 773 174

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.*

Do not disconnect modules when they are enregized! 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 i moduli quando sono alimentati! Intraprendere riparazioni sulla sezione alimentatore solo con trasformatore isolante.

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 degli elementi di sicurezza (marcati 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.

Note : During measurements in the power supply unit, use the primary power unit ground (Emit. TP060).

Attention : Mesures dans le bloc alimentation. Utiliser la masse du bloc alimentation (Emet. TP060).

Achtung : Bei Messungen im Primärnetzteil. Primärnetzteilmasse verwenden (Emit. TP060).

Attentionze : Misure nell'alimentatore primario. Usare massa alimentazione primario (Emet. TP060).

Cuidado : Medida en el bloque de alimentación. Utilizar la masa del bloque de alimentación (Emet. TP060).

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

RECEIVER :
Bar test pattern : PAL, I standard, 100% white.

- On UHF, input level 1 mV
- Via the scart socket, input level 1 Vpp

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 :
Mire de barres : SECAM, Norm L, Blanc 100%.

- En UHF, niveau d'entrée 1 mV
- Par la prise Péritélévision, niveau d'entrée 1Vcc.

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 :
Farbbalken : PAL, Norm G, Weiss 100%

- Bei UHF Eingangspegel 1 mV.
- Über die Scartbuchse : Eingangspegel 1 Vss.

Farbe, Kontrast, Helligkeit in der Mitte des Bereichs, Ton auf Minimum.
Zugeordnetes Programm PR 01.
Gleichspannungen mit einem digitalen Voltmeter zur Masse gemessen.

RICEVITORE :
Monoscopio per barre : PAL, norma G. bianco 100%.

- In UHF, livello d'entrata 1 mV,
- Per la presa SCART, livello d'entrata 1 Vcc.

Colore, Contrasto, Luce a metä corsa, Suono minimo.
Programma designato PR 01.
Tensioni continue rilevate rispetto alla massa con un voltametro numerico.

RECEPTOR :
Mira de barras : PAL, norma G, blanco 100%.

- En UHF, nivel de entrada 1 mV,
- Por la toma Peritelevision, nivel de entrada 1 Vpp.

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.