

INSTRUCCIONES DE AJUSTE

Estas instrucciones se aplican solamente al CHASIS MC-7CD.

NOTAS

1. Este no es un chasis en caliente, no requiere de un transformador de aislamiento.
De todas formas, el uso de un transformador de aislamiento, lo ayudará a proteger los instrumentos de prueba.
2. Estos ajustes deben ser realizados en el orden correcto.
3. Suministre voltaje de AC, 100 - 240 V A.C. / 50 - 60Hz.
4. La unidad debe ponerse en funcionamiento alrededor de 20 minutos antes de realizar los ajustes.

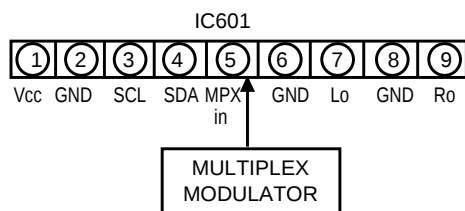
CONTENIDO

1. Ajuste de separación Estereo
2. Ajuste del VCO
3. Ajuste de voltaje de AGC
4. Ajuste de voltaje de Screen
5. Ajuste de balance de blanco. (White Balance)
6. Ajuste de Foco
7. Ajuste de Sub brillo (Sub - Bright)
8. Ajuste de Sub TINTE
9. Ajuste de datos de deflexión
10. Ajuste de tamaño Horizontal (H - Size) y Pin Cushion.
11. Ajuste de PIP

1. Ajuste de la separación Estéreo

1-1. Preparación

- (1) Conecte el instrumento de medición como se muestra en la Figura 1.
- (2) Abra las resistencias R601 y R602, para desconectar la señal RF de audio.
- (3) Presione el botón MENU en el TV y en el control remoto al mismo tiempo para entrar al modo de ajuste.



<Figura 1>

1-2. Ajuste del nivel de entrada de ATT

- (1) Coloque una señal de 100Hz, 245mVrms (693mVp-p), en el pin 5 del IC601
- (2) Conecte el osciloscopio al pin 7 del IC601
- (3) Seleccione ATT con el botón CHANNEL, ajuste con el botón VOLUME hasta que el voltaje en el pin 7 sea de 1.38Vp-p (490mVrms) (ATT 0 -15)

1-3. Ajuste Estéreo (ST) y VCO SAP

- (1) Desconecte el modulador y conecte el contador de frecuencia en el pin 9 del IC601,
- (2) Seleccione ST VCO con el botón CHANNEL y ajuste con el botón VOLUME hasta que la frecuencia sea 62.936 ± 0.1 KHZ. (VCO 0 - 63)

1-4. Ajuste del Filtro

- (1) Coloque una señal de 9.4KHz, 600mVrms (1.69Vp-p) al pin 5 del IC601
- (2) Conecte el osciloscopio al pin 9 del IC601
- (3) Seleccione Filtro con el botón CHANNEL y ajuste con el botón VOLUME hasta que STATUS llegue al centro de 1 (FILTER: 0-63)

1-5. Ajuste de Separación

- (1) Coloque una señal estéreo L solamente (estéreo canal izquierdo) de 300Hz con modulación del 30% en el pin 5 del IC601
- (2) Conecte el osciloscopio al pin 9 del IC601
- (3) Seleccione WIDEBAND con el botón CHANNEL y ajuste con el botón VOLUME hasta que la forma de onda alcance el mínimo. (WIDEBAND: 0 - 63)
- (4) Cambie el modulador de frecuencia a 3KHz.
- (5) Seleccione SPECTRAL con el botón CHANNEL y ajuste con el botón VOLUME hasta que la forma de onda alcance el mínimo. (SPECTRAL:0 - 63)

2. Ajuste del VCO

- (1) Conecte el cable de antena
- (2) Presione el botón MENU en el TV y en control remoto al mismo tiempo para entrar el modo de ajuste.
Presione los botones CHANNEL Up/Down para seleccionar un tipo de ajuste
Presione los botones VOLUME Up/Down para variar los datos
- (3) Seleccione VP 0 (AUTOPIF) presionando las teclas CHANNEL UP/DOWN.
El OSD se mostrará en naranja.
- (4) Ajuste los datos VP 0 (AUTO PIF) presionando VOLUME Up/Down.
El color del OSD (AUTOPIF) cambia a verde.

3. Ajuste del voltaje de AGC

3-1. Preparación

Conecte el DMM (Multímetro Digital) a J101 en el PCB principal.

3-2. Ajuste

- (1) Seleccione VP 1 (RF AGC) con el botón CHANNEL, en el modo de Ajuste
- (2) Ajuste con el botón VOLUME hasta que el voltaje sea de 5.0 ± 0.1 V.

4. Ajuste del Voltaje de Pantalla (Screen)

- (1) Conecte el generador de patrones al TV
- (2) Haga que la pantalla tenga la línea horizontal, presionando el botón SVC en el control remoto de servicio
- (3) Gire el control de Screen en el FBT en dirección de las manecillas del reloj hasta que la línea horizontal sea visible, y luego gírelo en dirección opuesta hasta que la línea sea ligeramente visible.

5. Ajuste del Balance de blanco

- (1) Presione el botón MENU y en TV al mismo tiempo para entrar al modo de ajuste.
- (2) Presione CH Up/Down para seleccionar el ajuste.
- (3) Presione VOL Up/Down para cambiar los datos.

(4) Ajuste

1. Ajuste el contraste y el brillo hasta que la señal del área de alta luminosidad sea 35Ft-1
2. Seleccione GDRIVE (VP 10) y B DRIVE (VP 11) y ajuste para obtener los datos de alta luminosidad.
3. Ajuste el contraste y el brillo hasta que la señal de alta luminosidad sea 4.5 Ft-1
4. Seleccione G-CUT (VP 8) y B-CUT (VP 9) y ajuste para los datos de baja luminosidad
5. Repita los pasos del 1 al 4 para obtener ambos datos de baja y alta luminosidad
6. Revise los resultados del ajuste utilizando un medidor de Balance de Blanco.
Alta Luminosidad $X=0.282 \pm 0.008$, $Y=0.288 \pm 0.008$
(10000 $\pm 1000^\circ\text{K}$)
Baja Luminosidad $X=0.282 \pm 0.008$, $Y=0.288 \pm 0.008$
(10000 $\pm 1000^\circ\text{K}$)

6. Ajuste de FOCO

- (1) Introduzca la señal del generador de patrones al TV
- (2) Ajuste el control de FOCO en el FBT para obtener una imagen definida y clara.

7. Ajuste de SUB-BRILLO

	0	1	2	3	4	5	6	7	8	9		◀ Gray Scale
			A									◀ Color Bar

<Figura 2>

- (1) Introduzca una señal Mono como lo muestra la figura 2
- (2) Presione el botón APC en el control remoto para activar la función de Control Automático de imagen APC

APC ON ——— CONTRASTE: 100
BRILLO: 60
COLOR: 60
TINTE: 0
DEFINICIÓN: 60

- (3) Coloque la pantalla en el modo de ajuste con el control remoto.
- (4) Seleccione el ajuste de Sub brillo y ajuste hasta que la parte A pueda distinguirse.

8. Ajuste de Sub TINTE

- (1) Introduzca la señal SMPTE
- (2) Fije la pantalla en el Modo de Ajuste por el Control Remoto
- (3) Seleccione Sub Tinte y ajuste hasta que el color cyan superior e inferior sean del mismo color.

9. Ajuste de datos de deflexion

- (1) Coloque el TV en la condición Stand By.
- (2) Presione la tecla MENU en el TV y en control remoto al mismo tiempo para entrar al menú de ajuste.
- (3) Presione Ch Up/Down para seleccionar los ajustes.
- (4) Presione VOL Up/Down para cambiar los datos.

9-1. Posición Horizontal (HPOS)

Seleccione VP2 (HPOS) y ajuste hasta que la parte derecha e izquierda de la pantalla sean iguales.

9-2. Posición Vertical.

Seleccione VP3 (VPOS) y ajuste hasta que el centro mecánico del tubo de pantalla y el centro de la pantalla coincidan.

9-3. Tamaño Vertical (VSIZE)

Seleccione VP4 (VSIZE) y ajuste el centro del círculo del generador Digital, hasta que coincida con el marco exterior de la pantalla.

9-4. Linearidad Vertical (VLIN)

Seleccione VP5 (VLIN) y ajuste hasta que la pantalla este alineada verticalmente.

9-5. Corrección Vertical (VSCORR)

Seleccione VP6 (VSCORR) y ajuste hasta obtener un círculo perfecto en la pantalla.

10. Ajuste de tamaño Horizontal y Pincushion

- (1) Introduzca la señal de generador de patrones
- (2) Ajuste VR400 para un tamaño Horizontal apropiado.
- (3) Introduzca la señal Cross Hatch del generador de patrones.
- (4) Ajuste VR401 (Control de Pincushion) a su centro mecánico.
- (5) Ajuste VR401 hasta que las líneas externas estén rectas.

11. Ajuste de PIP

- (1) Utilice el Control Remoto de Servicio para el ajuste de PIP.
- (2) Introduzca la señal de barra de colores y active el PIP.
- (3) Presione 3 veces el botón INSTAR para seleccionar el modo de ajuste de PIP.

11-1 Ajuste de Color de PIP (C63)

Ajuste hasta que el color azul en la imagen principal y la de PIP sean iguales.

11-2 Ajuste de Tinte de PIP (T63)

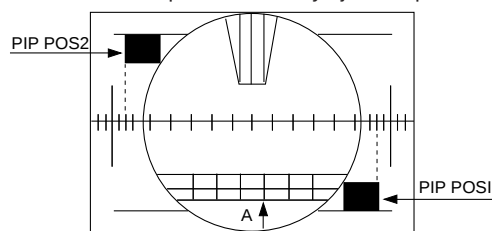
Ajuste hasta que el color Cyan y el Magenta en la imagen principal y la de PIP sean iguales.

11-3 Ajuste de retraso de Y (DLY)

Ajuste hasta que la barra de color se pueda distinguir claramente.

11-4 Ajuste de la posición de PIP

- (1) Introduzca una señal de patrones como la de la figura 3
- (2) Presione el botón TXT en el Control Remoto de Servicio para seleccionar la posición PIP 1 y ajuste la posición V y H
- (3) Presione el botón TXT en el Control Remoto de Servicio para seleccionar la posición PIP 2 y ajuste la posición V y H.



<Figura 3>

12. IIC BUS TABLA DE DATOS DE AJUSTE

Menu	OSD	Adjustment	Range	Initial setting	Remark
VP 0	AUTOPIF	VCO Auto			
VP 1	RFAGC	AGC voltage	0~63	45	
VP 2	HPOS	H Position	0~31	19	
VP 3	VPOS	V Position	0~6	0	
VP 4	VSIZE	V SIZE	0~63	30	
VP 5	VLIN		0~15	5	
VP 6	VSCORR		0~15	12	
VP 7	R-CUT	R CUT OFF	0~255	128	
VP 8	G-CUT	G CUT OFF	0~255	128	
VP 9	B-CUT	B CUT OFF	0~255	128	
VP 10	GDRIVE		0~127	64	
VP 11	BDRIVE		0~127	64	
VP 12	AFCGAIN		0~3	0	Not to adjust
VP 13	RGB		0~63	55	Not to adjust
VP 14	ABL		0~3	3	Not to adjust
VP 15	ABLSTAR		0~3	0	Not to adjust
VP 16	PIFVCO		0~255	126	Not to adjust
VP 17	TOP		0~1	1	Not to adjust
VP 18	WPS		0~1	1	Not to adjust
VP 19	C-TRAP		0~1	0	Not to adjust
VP 20	N-COM		0~1	1	Not to adjust
PIP 0	RPS		0~15	12	Not to adjust
PIP 1	WPS		0~7	4	Not to adjust
PIP 2	VFON		0~1	1	Not to adjust
PIP 3	PSD		0~15	8	Not to adjust
PIP 4	C63		0~63	33	
PIP 5	T63		0~63	33	
PIP 6	YDL		0~7	2	Not to adjust
PIP POS1	POSITION		H: -10~10	0	Not to adjust
PIP POS 2			V: -10~10	0	

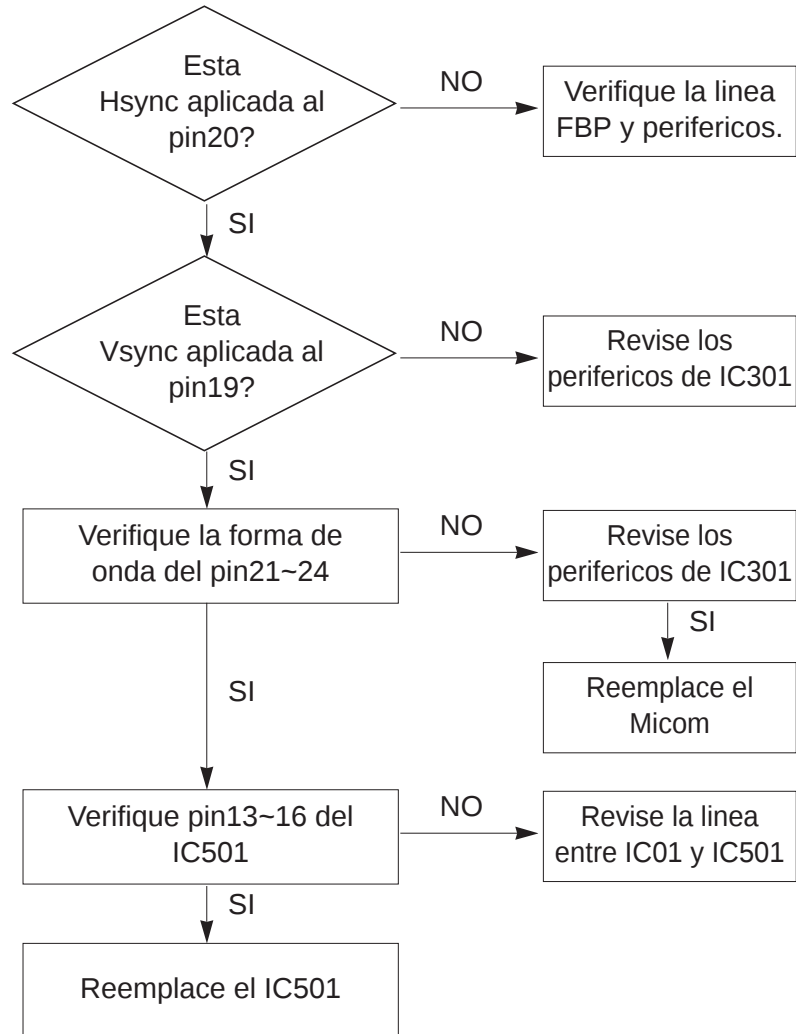
* VP 0~11 and PIP4 and PIP5 are necessary to adjust and white OSD.

* VP 12~PIP3 and PIP6 and PIP POS1 and PIP POS2 are not necessary to adjust and red OSD.

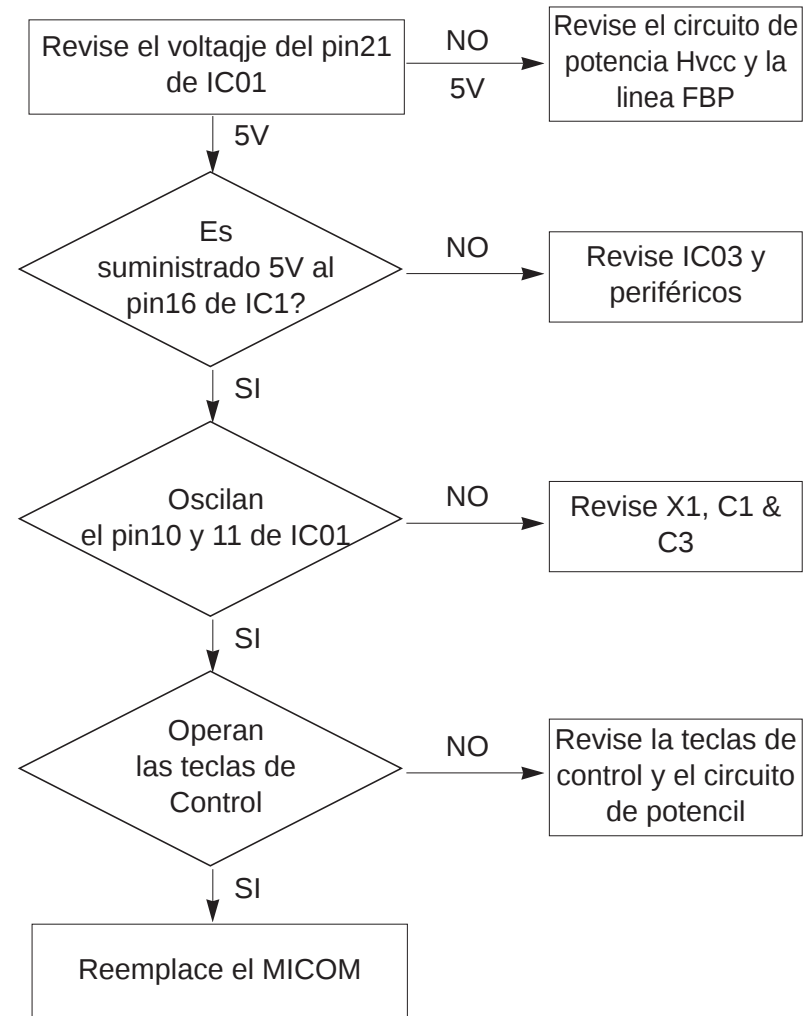
* VP 7~11 are not necessary to adjust manually while white Balance adjustment.

Búsqueda de Fallas

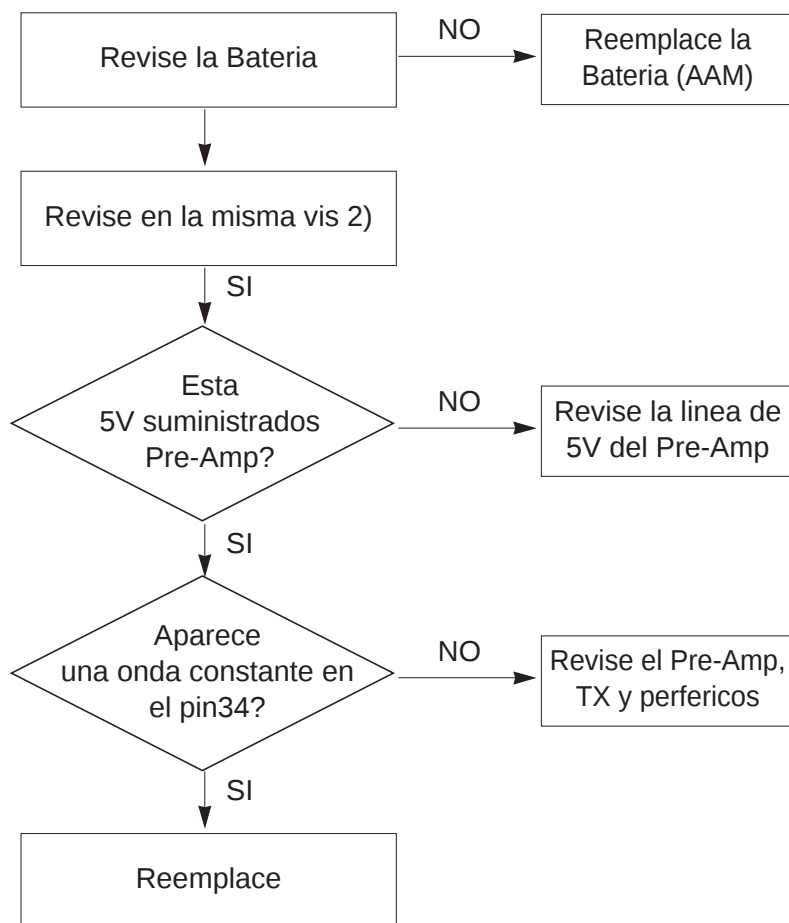
1) No OSD



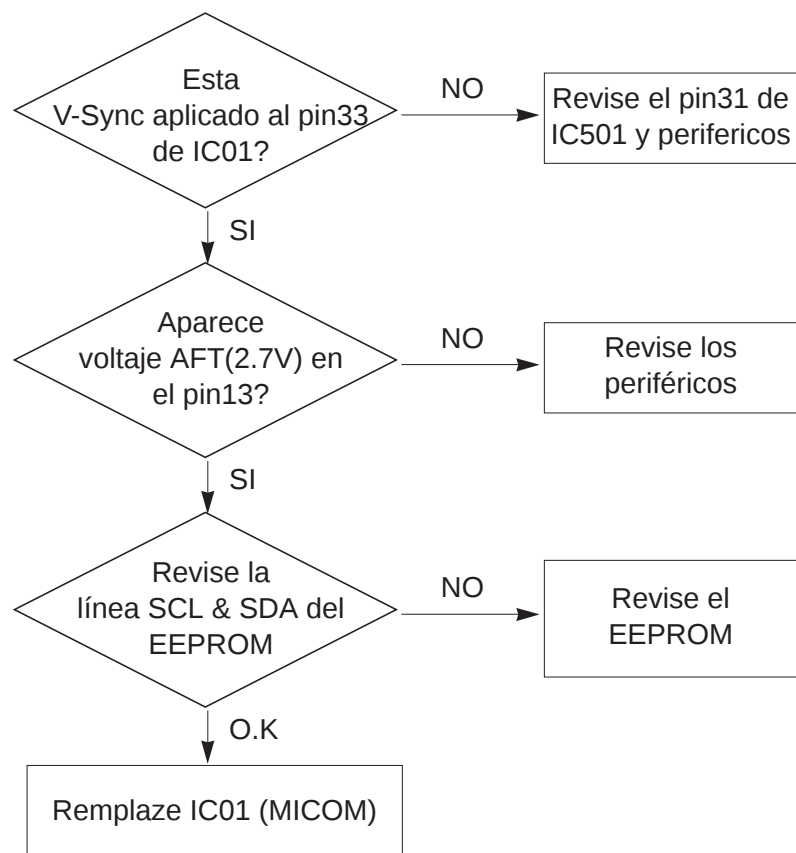
2) No Power (Sección Micom)



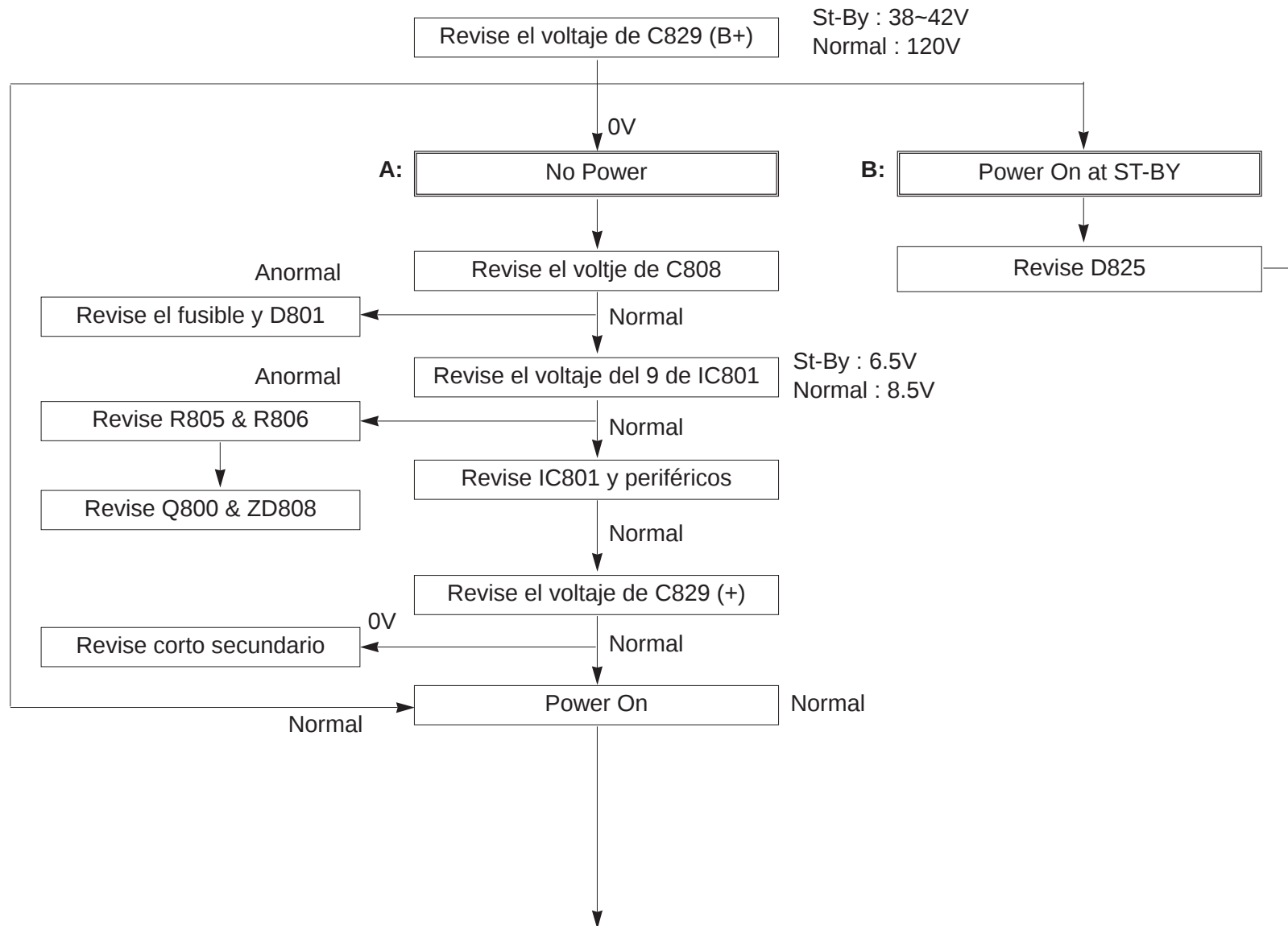
3) TX no Funciona

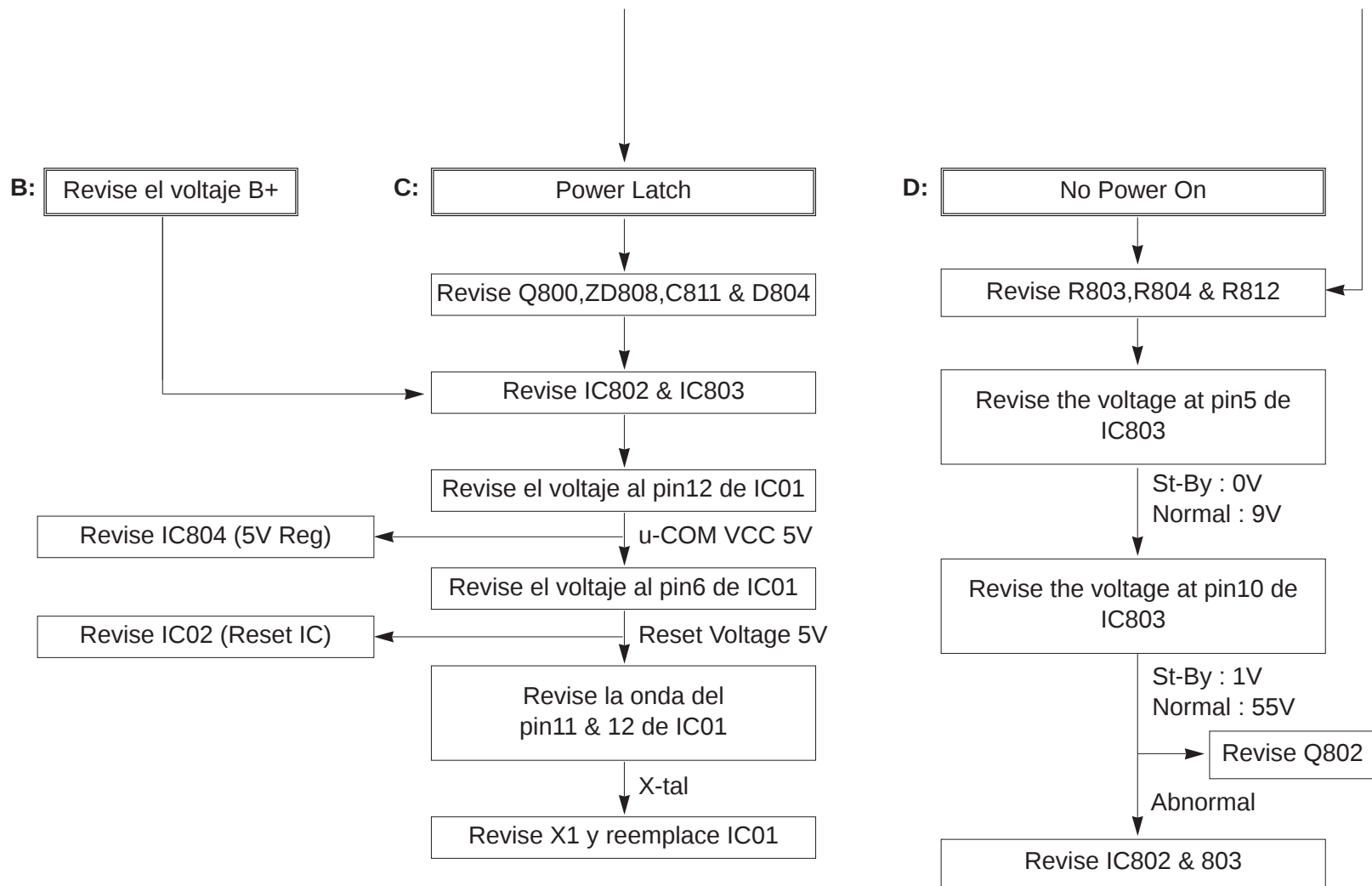


4) No opera AFT

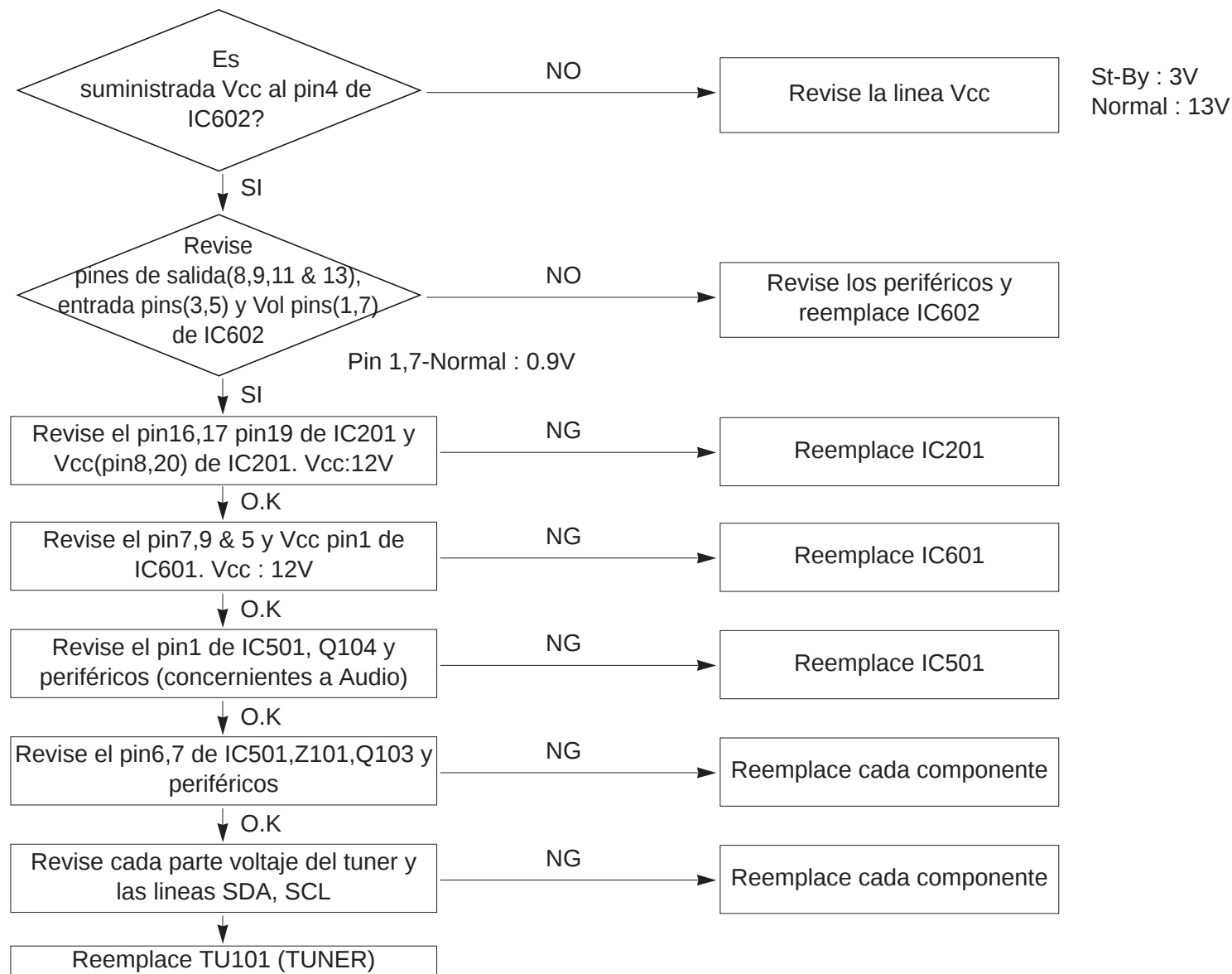


5) No Power (Sección de Potencia)

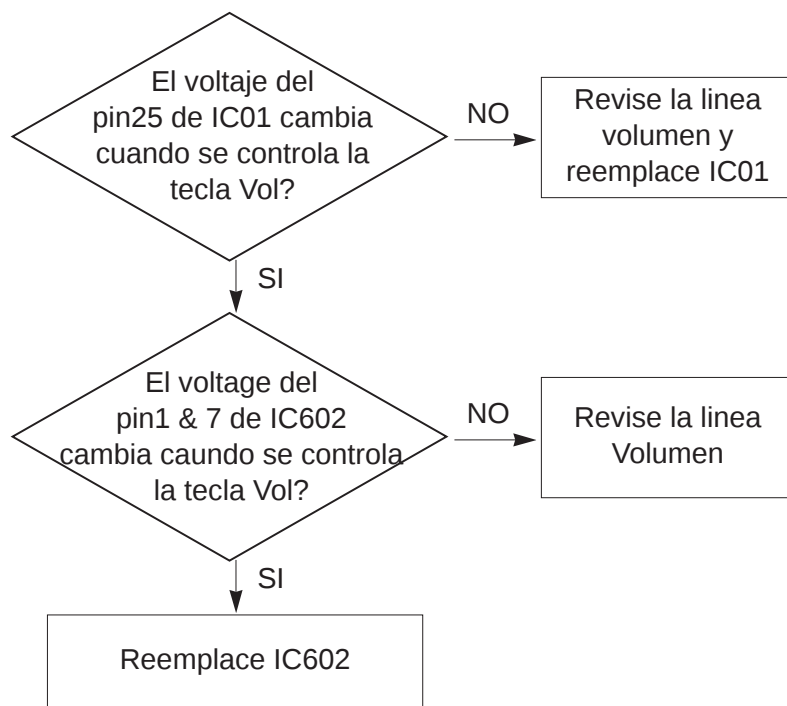




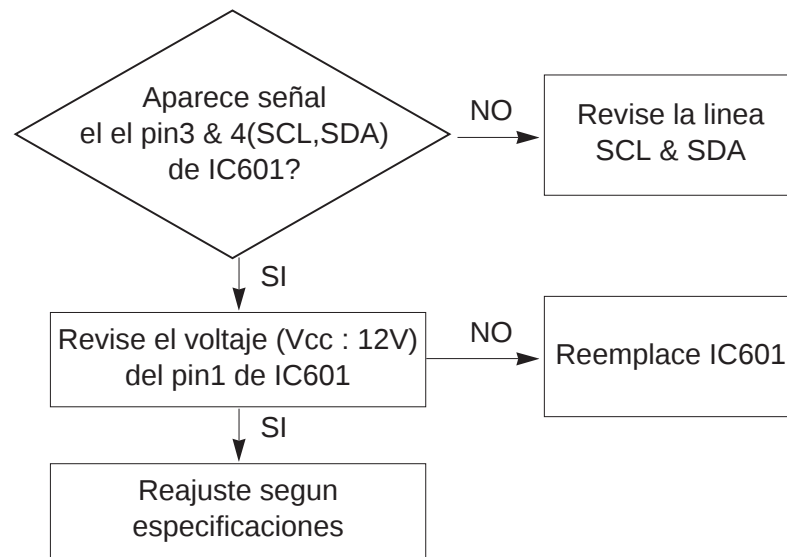
6) SIN SONIDO



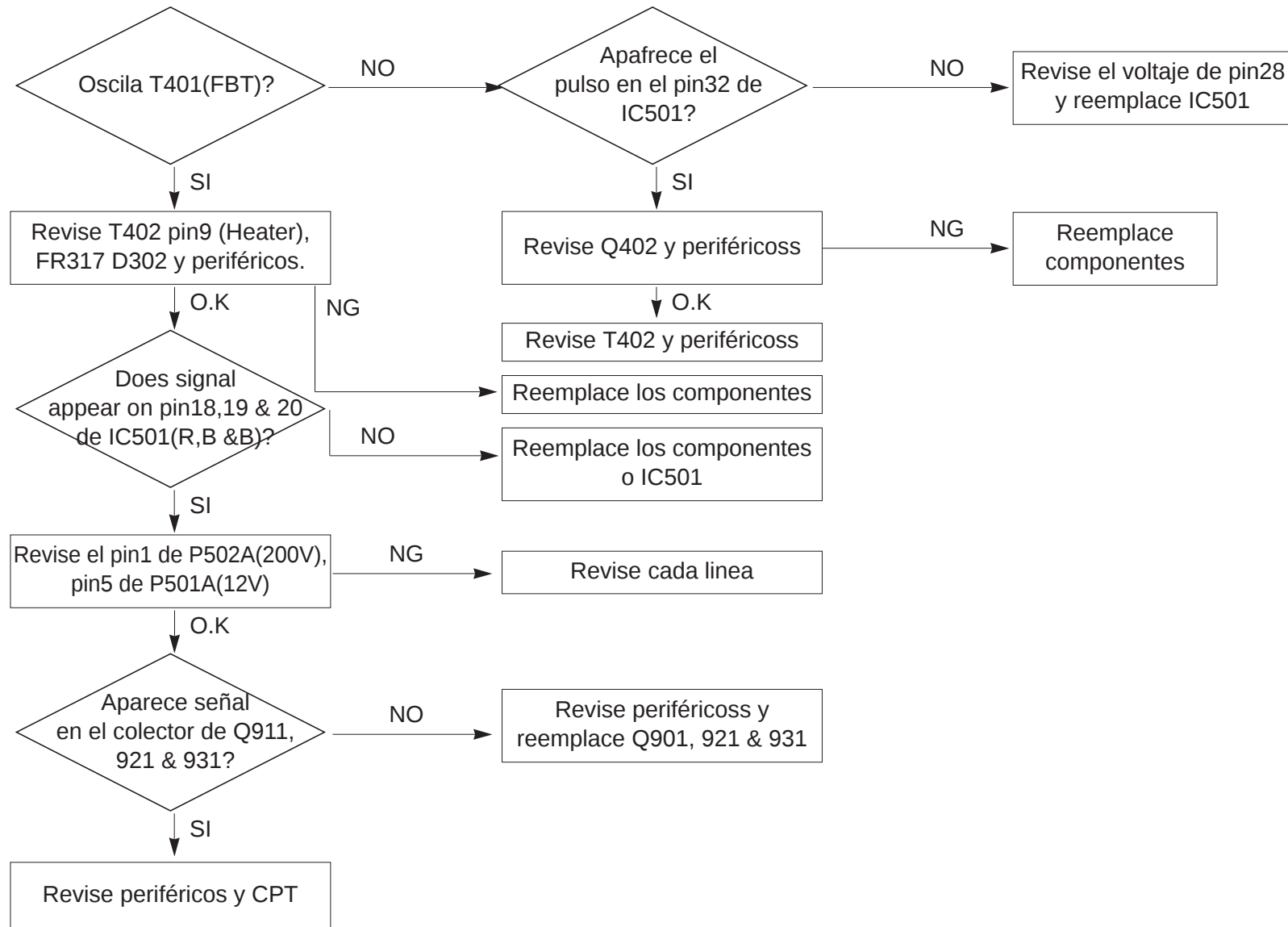
7) El botón de control del Vol no funciona



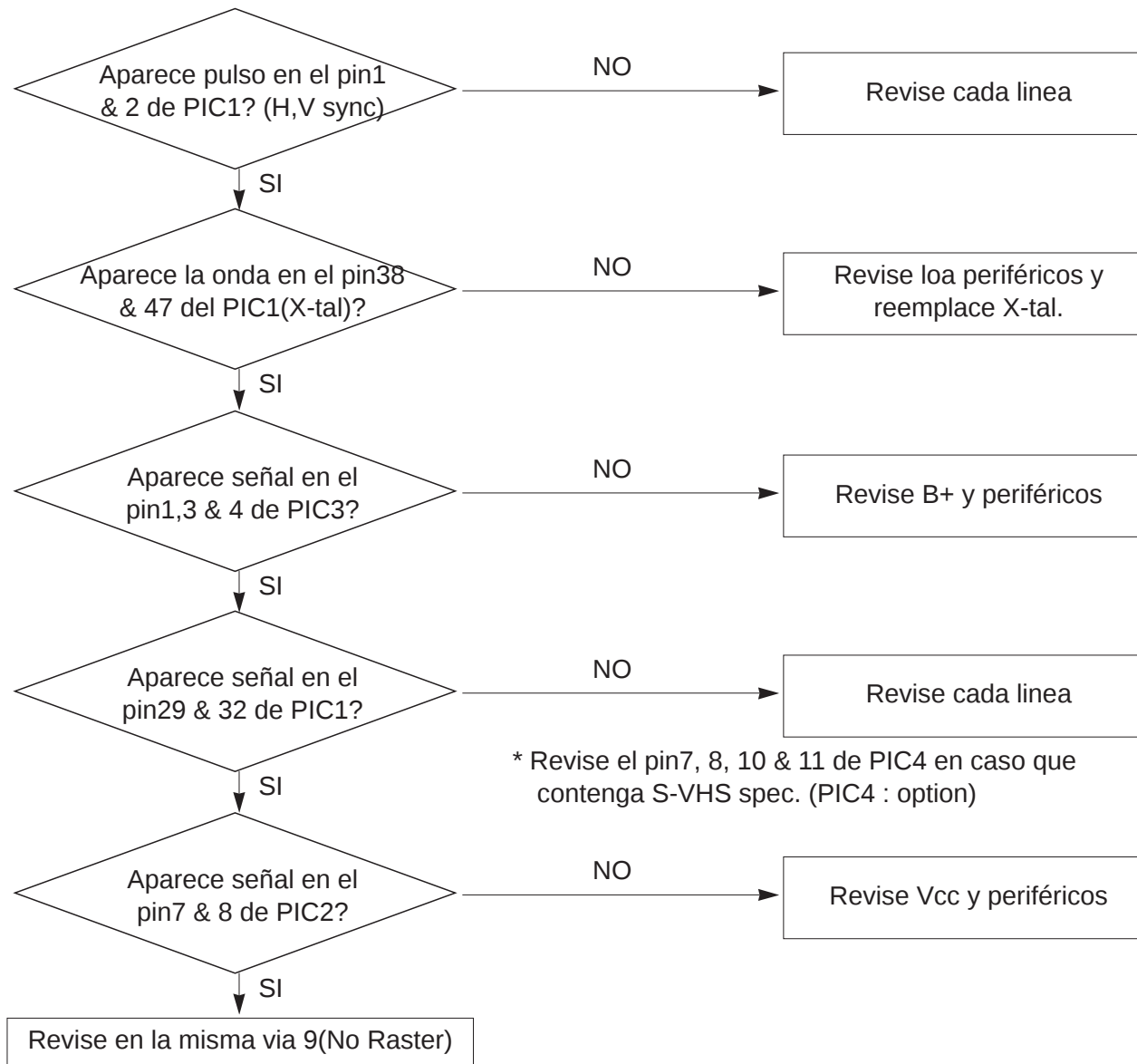
8) Estéreo no funciona

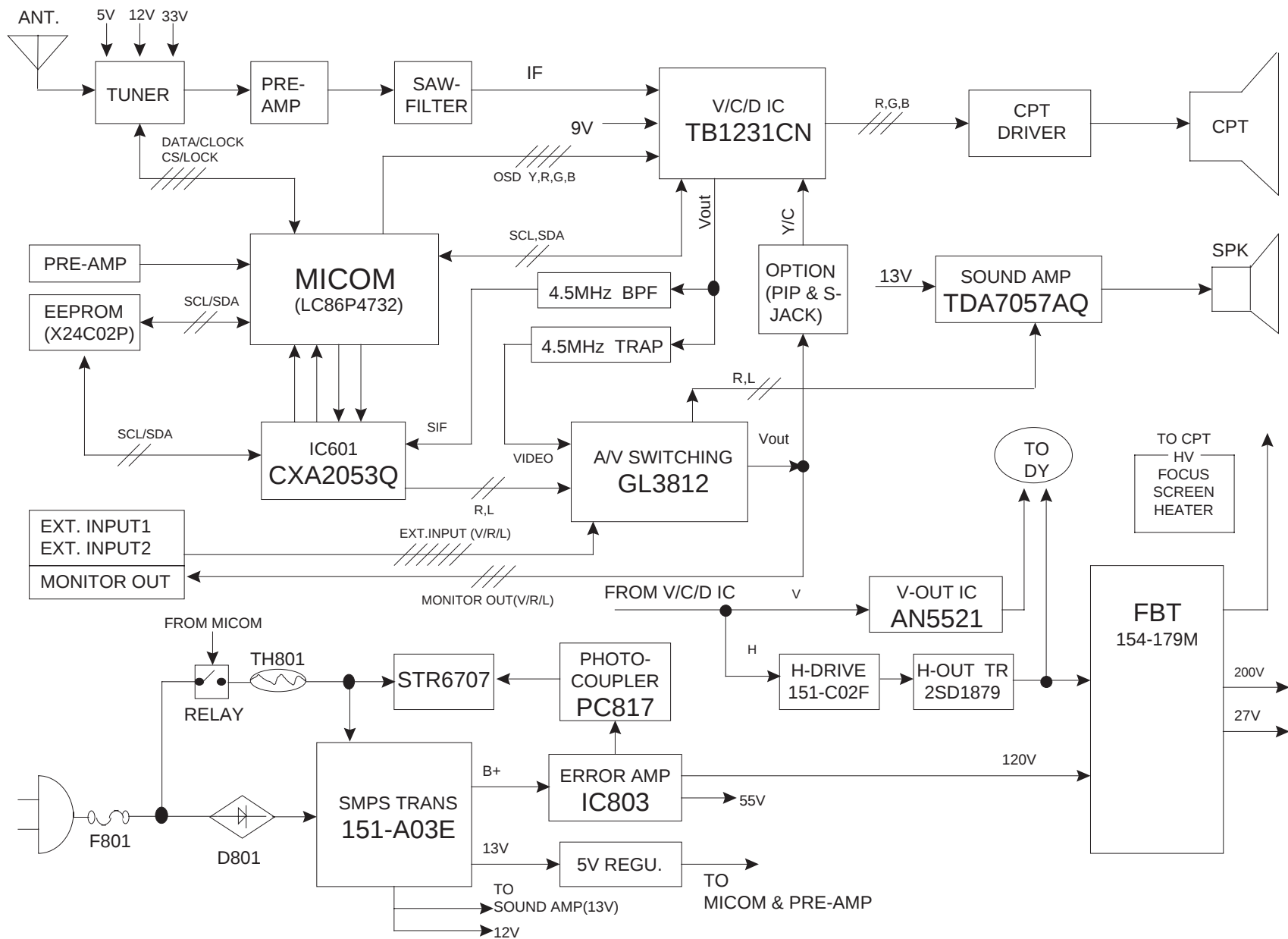


9) NO RASTER



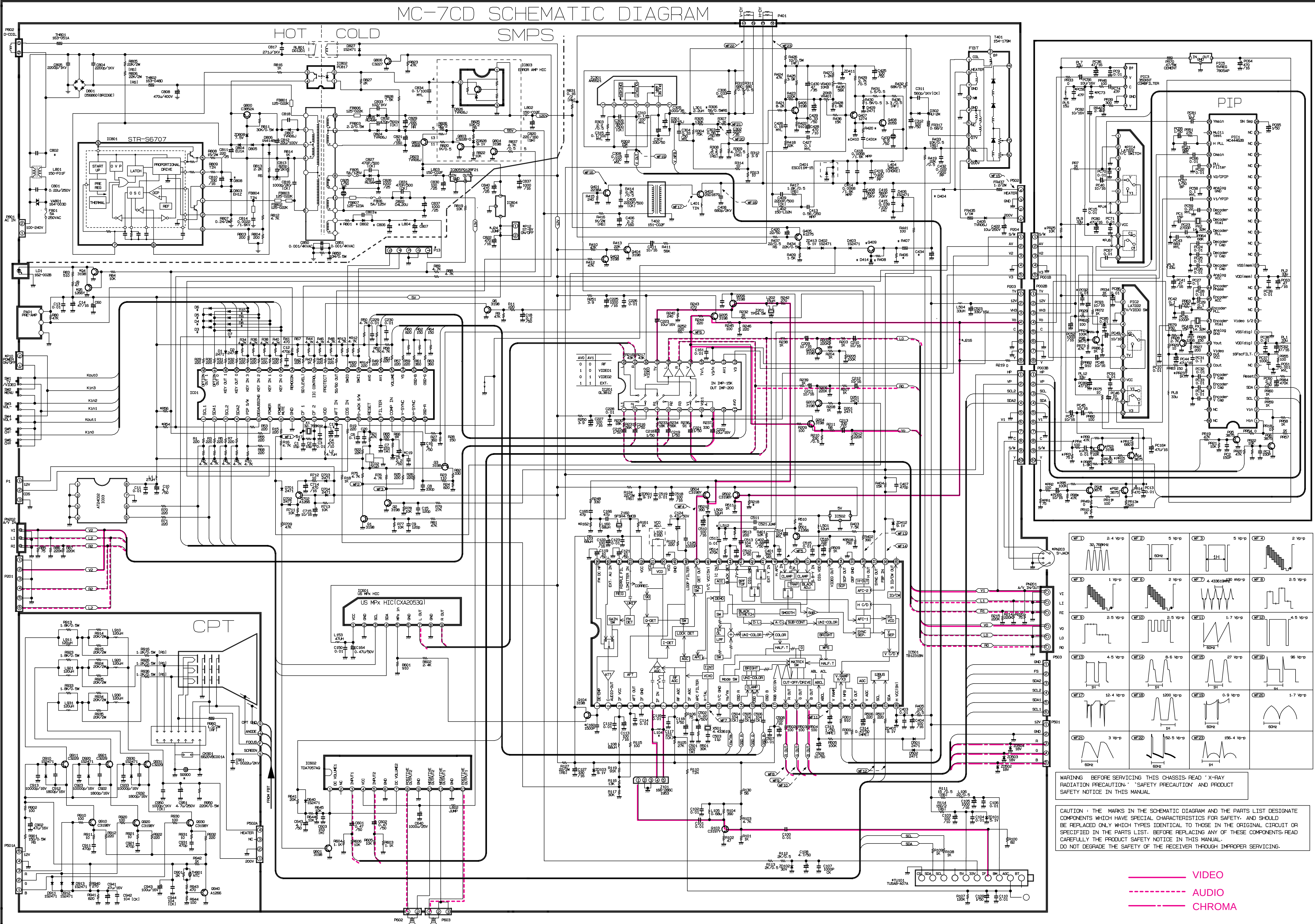
10) No aparece PIP (En caso de entrada RF)





BLOCK DIAGRAM

MC-7CD SCHEMATIC DIAGRAM



WARNING: BEFORE SERVICING THIS CHASSIS, READ "X-RAY RADIATION PRECAUTION" AND "SAFETY PRECAUTION" AND PRODUCT SAFETY NOTICE IN THIS MANUAL.

CAUTION: THE MARKS IN THE SCHEMATIC DIAGRAM AND THE PARTS LIST DESIGNATE COMPONENTS WHICH HAVE SPECIAL CHARACTERISTICS FOR SAFETY, AND SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT OR SPECIFIED IN THE PARTS LIST. BEFORE REPLACING ANY OF THESE COMPONENTS, READ CAREFULLY THE PRODUCT SAFETY NOTICE IN THIS MANUAL. DO NOT DEGRADE THE SAFETY OF THE RECEIVER THROUGH IMPROPER SERVICING.

[illegible]

LISTA DE PARTES DE REPUESTO

RUN DATE:980626

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
IC					
ICS1	0ISA722200A	IC,LA7222 (1280 AUDIO)	D910	0DD247109AA	DIODE,1S2471
IC01	0ISA883809A	IC,LG8838-09A(LC864732A-5J27) 42S	D911	0DD247109AA	DIODE 1S2471
IC02	0IKE704200B	IC,KIA7042P 3P 4.2V RESET	D912	0DD247109AA	DIODE,1S2471
IC03	0IAL240410A	IC,AT24C04-10PC 8D EEPROM(4K,IIC)	D913	0DD247109AA	DIODE,1S2471
IC201	0IGS381200A	IC,GL3812(HA11518)	D920	0DD247109AA	DIODE,1S2471
IC301	0IMA552100A	IC,AN5521 7S V/OUTPUT(1.8A)	D930	0DD247109AA	DIODE,1S2471
IC501	0ITO123100D	IC,TB1231CN 52P,SDIP BK MULTI 1CH	LD1	162-002B	DIODE,LED ASSY
IC502	0IKE780500P	IC,KIA78L05BP(TA)3P 5V,150MA	ZD101	0DZ510009AB	DIODE,ZENER MTZ5.1B
IC601	0IZZVF0002A	IC CXA2053Q 9PIN BK US-MPX	ZD102	0DZ300009BA	DIODE,ZENER MTZ30B
IC602	0IPH705700A	IC,TDA7057AQ 13SIP BK BTL AUDIO A	ZD103	0DZ910009BA	DIODE,ZENER MTZ9.1B
IC801	0ISK670700B	IC,STR/S6707(LF.953) 9P (R5,R6)	ZD401	0DZ910009BA	DIODE,ZENER MTZ9.1B
IC802	0ISH817300B	IC,PC817XF3 4D PHOTO COUPLER	ZD412	0DZ910009BA	DIODE,ZENER MTZ9.1B
IC803	0IZZVF0003A	IC KTC4372 12PIN BK ERROR AMP	ZD413	0DZ510009AB	DIODE,ZENER MTZ5.1B
IC804	0IKE780500P	IC,KIA78L05BP(TA)3P 5V,150MA	ZD501	0DZ910009BA	DIODE,ZENER MTZ9.1B
IC805	0ISH122100A	IC,PQ12RF21 4P(TO-220) 12V S/W RE	ZD502	0DZ180009AA	DIODE,ZENER MTZ18B
PIC1	0IMO444620A	IC,MC44462 56SDIP BK PIP CONTROLL	ZD503	0DZ180009AA	DIODE ZENER MTZ18B
PIC2	0ISA722200A	IC,LA7222 (1280 AUDIO)	ZD504	0DZ180009AA	DIODE,ZENER MTZ18B
PIC5	0IKE780500D	IC,KIA7805P(KIA78005AP),KEC	ZD808	0DZ750009AA	DIODE,ZENER MTZ7.5B
DIODE			TRANSISTOR		
D1	0DD247109AA	DIODE,1S2471	PQ5	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
D10	0DD247109AA	DIODE,1S2471	PQ6	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
D2	0DD247109AA	DIODE,1S2471	PQ7	0TR126609AA	TR,KTA1266-TP-Y (KTA1015) KEC
D201	0DD247109AA	DIODE,1S2471	PQ8	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
D251	0DD247109AA	DIODE,1S2471	QS1	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC
D301	0DD150009CA	DIODE,RGP15J	QS2	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC
D302	0DD200009AF	DIODE,RU-2MV	QS3	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC
D401	0DD011150AA	DIODE,ESC011M-15	QS4	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC
D402	0DD247109AA	DIODE 1S2471	Q103	0TR319709AB	TR,KTC3197,TP(KTC388A),KEC
D405	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS	Q401	0TR223800AA	TR,KTC2238A-Y
D406	0DD247109AA	DIODE,1S2471	Q402	0TR187900AA	TR,2SD1879
D409	0DD247109AA	DIODE,1S2471	Q405	0TR127509AC	TR,KTA1275-Y TP(KTA1013),KEC
D501	0DD247109AA	DIODE 1S2471	Q407	0TR127409AB	TR,KTA1274-Y TO-92L TP KEC
D6	0DD247109AA	DIODE,1S2471	Q408	0TR205900AB	TR,KTD2059-Y TO-220IS KEC
D640	0DD247109AA	DIODE,1S2471	Q800	0TR385200AA	TR,2SC3852A SANKEN
D701	0DD247109AA	DIODE,1S2471	Q802	0TR968000AA	TR,KTA968A-Y KEC
D702	0DD247109AA	DIODE,1S2471	Q806	0TR322709AA	TR,KTC3227-Y,TP(KTC1627A),KEC
D703	0DD247109AA	DIODE,1S2471	Q910	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC
D704	0DD247109AA	DIODE,1S2471	Q911	0TR322900AA	TR,KTC3229 (KTC2068),KEC
D801	0DD560000AA	DIODE,D5SB60 BRIDGE (5A/600V)S.D.G	Q920	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC
D803	0DD100009AL	DIODE,EH-1ZV	Q921	0TR322900AA	TR,KTC3229 (KTC2068),KEC
D805	0DD100009AU	DIODE,EU1AV 600V 0.25A	Q930	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC
D806	0DD414809ED	DIODE,DS4148	Q931	0TR322900AA	TR,KTC3229 (KTC2068),KEC
D807	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS	Q940	0TR126609AA	TR,KTA1266-TP-Y (KTA1015) KEC
D821	0DD300009AC	DIODE,RU3AMV	CAPACITOR		
D822	0DD420000BB	DIODE,D4L20U	CS1	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
D823	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS	CS10	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
D824	0DD060009AC	DIODE TVR06J 0.6A/600V 250NS	CS11	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
D825	0DD410000AD	DIODE,RU4AM,LF-L1	CS12	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
D827	0DD247109AA	DIODE,1S2471	CS13	0CX4700K409	C,TUBULA(T.C) 47PF 50V J

LOCA. NO	PART NO	DESCRIPTION
CS15	0CX4700K409	C,TUBULA(T.C) 47PF 50V J
CS16	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
CS2	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
CS3	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
CS4	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
CS5	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
CS6	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
CS7	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
CS8	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
CS9	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C1	0CX1500K409	C,TUBULA(T.C) 15PF 50V J
C10	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C100	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C101	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C102	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C103	0CE107DD618	C,ELECTROLYTIC 100UF STD 10V M
C104	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C105	0CE108DF618	C,ELECTROLYTIC 1000UF STD 16V M
C106	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C107	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C108	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C109	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C11	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C110	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C112	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C113	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C114	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C116	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C117	0CK1030K945	C,CERAMIC(HIGH DIELE) 0.01MF 50V Z
C118	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C119	0CE106DK618	C,ELECTROLYTIC 10UF STD 50V M
C12	0CN4710K519	C,TUBULA(HIGH DIELE) 470PF 50V K
C121	0CE106DK618	C,ELECTROLYTIC 10UF STD 50V M
C122	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C123	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C124	0CE474DK618	C,ELECTROLYTIC 0.47UF STD 50V M
C125	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C127	0CE337DF618	C,ELECTROLYTIC 330UF STD 16V M
C13	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C14	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C15	0CN1210K519	C,TUBULA(HIGH DIELE) 120P 50V K
C150	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C16	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C161	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C162	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C164	0CE474DK618	C,ELECTROLYTIC 0.47UF STD 50V M
C165	0CX4700K409	C,TUBULA(T.C) 47PF 50V J
C166	0CX4700K409	C,TUBULA(T.C) 47PF 50V J
C18	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C2	0CX1500K409	C,TUBULA(T.C) 15PF 50V J
C209	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C210	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C211	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C212	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C213	0CE337DD618	C,ELECTROLYTIC 330UF STD 10V M

LOCA. NO	PART NO	DESCRIPTION
C215	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C216	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C218	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C219	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C221	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C222	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C223	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C225	0CE108DF618	C,ELECTROLYTIC 1000UF STD 16V M
C226	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C227	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C228	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C229	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C230	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C3	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C301	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C302	0CE228DJ650	C,ELECTROLYTIC 2200UF STD 35V M
C303	0CQ5642K439	C,POLYESTER(MYLAR) 0.5600UF S 50V J
C304	0CQ3342K439	C,POLYESTER(MYLAR) 0.33UF S 50V J
C305	0CE108DJ618	C,ELECTROLYTIC 1000UF STD 35V M
C306	0CQ3331N509	C,POLYESTER(MYLAR) 0.033U 100V K
C307	0CE337DK618	C,ELECTROLYTIC 330UF STD 50V M
C308	0CQ3321N509	C,POLYESTER(MYLAR) 0.0033U 100V K
C309	0CK5610W515	C,CERAMIC(HIGH DIELE) 560PF 500V K
C310	0CQ1041N509	C,POLYESTER(MYLAR) 0.1MF 100V L
C311	0CK56101515	C,CERAMIC(HIGH DIELE) 560P 1KV K
C312	0CE107DK618	C,ELECTROLYTIC 100UF STD 50V M
C313	0CQ1052K439	C,POLYESTER(MYLAR) 1UF S 50V J
C314	0CQ4742K439	C,POLYESTER(MYLAR) 0.47UF S 50V J
C315	0CQ1041N509	C,POLYESTER(MYLAR) 0.1MF 100V L
C4	0CE477DD618	C,ELECTROLYTIC 470UF STD 10V M
C401	0CQ3921N409	C,POLYESTER(MYLAR) 0.0039U 100V J
C402	0CE684DK618	C,ELECTROLYTIC 0.68UF STD 50V M
C403	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C404	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C405	0CK2220W515	C,CERAMIC(HIGH DIELE) 2200PF 500V K
C406	0CE225DP618	C,ELECTROLYTIC 2.2UF STD 160V M
C407	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C408	181-091Y	CAPACITOR 2KV R 681K TP7.5
C409	0CK2220W515	C,CERAMIC(HIGH DIELE) 2200PF 500V K
C411	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C412	0CQ3931N509	C,POLYESTER(MYLAR) 0.039UF 100V K
C413	181-038K	C,POLYPROPYLENE 0.56UF D 250V J
C414	181-014G	C,MPP 1600V 0.0073UF J
C416	181-091X	CAPACITOR 2KV R 561K TP7.5
C418	181-014F	C,MPP 1600V 0.0068UF J
C419	181-009V	C,PP 200V 0.047UF K
C420	0CE226DK618	C,ELECTROLYTIC 22UF STD 50V M
C422	0CE106DR618	C,ELECTROLYTIC 10UF STD 250V M
C425	0CE107DK618	C,ELECTROLYTIC 100UF STD 50V M
C426	0CQ1842K439	C,POLYESTER(MYLAR) 0.1800UF S 50V J
C427	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
C428	0CE477DD618	C,ELECTROLYTIC 470UF STD 10V M
C429	0CE334DK618	C,ELECTROLYTIC 0.33UF STD 50V M
C430	0CE476DJ618	C,ELECTROLYTIC 47UF STD 35V M
C432	181-009R	C,PP 200V 0.022UF K

LOCA. NO	PART NO	DESCRIPTION
C433	0CE5651K652	C,ELECTROLYTIC 5.6UF SM 50V M
C5	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C501	0CQ2221N509	C,POLYESTER(MYLAR) 0.0022U 100V K
C502	0CE224DK618	C,ELECTROLYTIC 0.22UF STD 50V M
C503	0CX1100K409	C,TUBULA(T.C) 11P 50V J SL
C504	0CK1040K945	C,CERAMIC(HIGH DIELE) 0.1M 50V Z
C505	0CK1040K945	C,CERAMIC(HIGH DIELE) 0.1M 50V Z
C506	0CK1040K945	C,CERAMIC(HIGH DIELE) 0.1M 50V Z
C507	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C508	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C509	0CE106DK618	C,ELECTROLYTIC 10UF STD 50V M
C510	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C511	0CX4700K409	C,TUBULA 47P 50V J
C512	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C513	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
C514	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
C515	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C516	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C517	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C518	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C519	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C522	0CN1040K949	C,TUBULA(HIGH DIELE) 0.1M 50V Z
C6	0CN1040K949	C,TUBULA(HIGH DIELE) 0.1M 50V Z
C601	0CE474DK618	C,ELECTROLYTIC 0.47UF STD 50V M
C602	0CE474DK618	C,ELECTROLYTIC 0.47UF STD 50V M
C603	0CQ5621N509	C,POLYESTER(MYLAR) 5600PF 100V K
C605	0CE226DK618	C,ELECTROLYTIC 22UF STD 50V M
C606	0CE226DK618	C,ELECTROLYTIC 22UF STD 50V M
C607	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C608	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C640	0CE108DH618	C,ELECTROLYTIC 1000UF STD 25V M
C643	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C7	0CQ3331N509	C,POLYESTER(MYLAR) 0.033U 100V K
C714	0CE477DF618	C,ELECTROLYTIC 470UF STD 16V M
C715	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C8	0CN3310K519	C,TUBULA(HIGH DIELE) 330P 50V K
C801	0CQZVBK002C	C,POLYESTER A.C 275V 0.22UF K
C804	181-033E	CAPACITOR 1KV B 2200PF K
C805	181-033E	CAPACITOR 1KV B 2200PF K
C808	181-001T	C,ELECTROLYTIC 400V 470UF M
C810	0CE477BH618	C,ELECTROLYTIC 470UF KME TYPE 25V M
C811	0CE227BH618	C,ELECTROLYTIC 220UF KME 25V M
C812	0CE226DN618	C,ELECTROLYTIC 22UF STD 100V M
C813	0CK1220W515	C,CERAMIC(HIGH DIELE) 1200P 500V K
C814	181-014A	C,MPP 1600V 0.0022UF J
C816	181-091Z	CAPACITOR 2KV R 821K TP7.5
C817	181-091P	CAPACITOR 1KV SL 271J TP5
C820	0CE227DP61A	C,ELECTROLYTIC 220UF STD 160V M
C821	181-003B	C,AL.ELECTROLYTIC CE 160V 33UF T
C822	0CE477DF618	C,ELECTROLYTIC 470UF STD 16V M
C824	0CE108DF618	C,ELECTROLYTIC 1000UF STD 16V M
C825	0CE1051K636	C,ELECTROLYTIC 1UF SM 50V M
C826	0CE108DH618	C,ELECTROLYTIC 1000UF STD 25V M
C827	0CK4710W515	C,CERAMIC(HIGH DIELE) 470PF 500V K
C829	181-003D	C,ELECTROLYTIC 160V 100UF T HR

LOCA. NO	PART NO	DESCRIPTION
C830	0CE107DH618	C,ELECTROLYTIC 100UF STD 25V M
C831	0CK4710W515	C,CERAMIC(HIGH DIELE) 470PF 500V K
C832	0CK4710W515	C,CERAMIC(HIGH DIELE) 470PF 500V K
C833	181-091R	CAPACITOR 1KV R 102K TP5
C834	0CQ1041N509	C,POLYESTER(MYLAR) 0.1MF 100V L
C837	0CE108DH618	C,ELECTROLYTIC 1000UF STD 25V M
C840	0CE108DH618	C,ELECTROLYTIC 1000UF STD 25V M
C850	181-120D	C,ACT 4KV E 102M
C851	181-120D	C,ACT 4KV E 102M
C852	181-120D	C,ACT 4KV E 102M
C9	0CN1210K519	C,TUBULA(HIGH DIELE) 120P 50V K
C901	181-033T	CAPACITOR 2KV B 222K TP7.5
C902	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C911	0CN4710K519	C,TUBULA(HIGH DIELE) 470PF 50V K
C912	0CN1820F569	C,TUBULA(HIGH DIELE) 1800P 16V K
C913	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C921	0CN4710K519	C,TUBULA(HIGH DIELE) 470PF 50V K
C922	0CN1820F569	C,TUBULA(HIGH DIELE) 1800P 16V K
C923	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C931	0CN4710K519	C,TUBULA(HIGH DIELE) 470PF 50V K
C932	0CN1820F569	C,TUBULA(HIGH DIELE) 1800P 16V K
C933	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C941	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C942	0CK1040K945	C,CERAMIC(HIGH DIELE) 0.1M 50V Z
C943	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C944	0CK1040K945	C,CERAMIC(HIGH DIELE) 0.1M 50V Z
C950	0CK10201515	C,CERAMIC(HIGH DIELE) 1000P 1KV K
C951	0CE475DR618	C,ELECTROLYTIC 4.7UF STD 250V M
PC21	0CQ6821N509	C,POLYESTER(MYLAR) 0.0068U 100V K
PC29	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
PC36	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
PC41	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
PC42	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
PC43	0CQ6831N509	C,POLYESTER(MYLAR) 0.068U 100V K
PC44	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
PC46	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
PC48	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
PC49	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
PC52	0CE1086F618	C,ELECTROLYTIC 1000M SMS 16V M
PC55	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
PC56	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
PC57	0CE1051K636	C,ELECTROLYTIC 1UF SM 50V M
PC58	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
PC59	0CQ2242K439	C,POLYESTER(MYLAR) 0.22UF S 50V J
PC60	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
PC61	0CQ1021N509	C,POLYESTER(MYLAR) 0.001U 100V K
PC62	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
PC63	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
PC64	0CE477DF618	C,ELECTROLYTIC 470UF STD 16V M
PC65	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
PC66	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
PC81	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
PC82	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
PC89	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
PC93	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M

LOCA. NO	PART NO	DESCRIPTION
FERRITE CORE		
FB801	125-022K	CORE,FERRITE 1UH
FB802	125-022K	CORE,FERRITE 1UH
FB803	125-022K	CORE,FERRITE 1UH
FB806	125-022K	CORE,FERRITE 1UH
FB807	125-123A	CORE,FERRITE BFD3565R2F
FUSE		
F801	0FT5001B51B	FUSE,TIME LAG 5000MA 250 V
F805	131-096E	FUSE,MICRO 125V 4.0A
F806	131-096E	FUSE,MICRO 125V 4.0A
COIL & TRANSFORMER		
LS1	0LA0152K119	INDUCTOR,15UH K
LS2	0LA0182K119	INDUCTOR,18UH K
L1	0LA0272K119	INDUCTOR,27UH K
L102	150-E16D	COIL,IFT VAR,07S 1B 48.1MHZ
L103	0LA0682K119	INDUCTOR,68UH K
L105	0LA0680K119	INDUCTOR,0.68UH K
L153	0LA0332K119	INDUCTOR,33UH K
L160	0LA0332K119	INDUCTOR,33UH K
L2	0LA0471K119	INDUCTOR 4.7UH K
L202	0LA0152K119	INDUCTOR,15UH K
L301	0LA0221K139	INDUCTOR,2.2UH A +-10%
L402	150-L01D	COIL,H-LINEARITY 20UH
L404	150-C04E	COIL,CHOKE 285UH R 1018
L501	0LA0122K119	INDUCTOR,12UH K
L502	0LA0122K119	INDUCTOR,12UH K
L512	0LA0182K119	INDUCTOR,18UH K
L802	150-C02F	COIL,CHOKE 82UH R1217
L803	150-C02F	COIL,CHOKE 82UH R1217
L910	0LA1200K139	INDUCTOR,120UH K
L911	0LA1200K139	INDUCTOR,120UH K
L920	0LA1200K139	INDUCTOR,120UH K
L921	0LA1200K139	INDUCTOR,120UH K
L930	0LA1200K139	INDUCTOR,120UH K
L931	0LA1200K139	INDUCTOR,120UH K
PL1	0LA0332K119	INDUCTOR,33UH K
PL12	0LA0332K119	INDUCTOR,33UH K
PL2	0LA0332K119	INDUCTOR,33UH K
PL3	0LA0332K119	INDUCTOR 33UH K
PL5	0LA0152K119	INDUCTOR,15UH K
PL7	0LA0332K119	INDUCTOR,33UH K
PL8	0LA0332K119	INDUCTOR,33UH K
T401	154-179M	FBT,FCM*179M-29MP6
T402	151-C02F	TRANSFORMER,H-DRIVE,EI-19,BULK
T801	151-A03D	TRANSFORMER,SMPS COIL EER4942
CONNECTOR		
P501A	387-A05G	CONNECTOR ASSY,5P (L=400)
P502A	387-A04F	CONNECTOR ASSY,4P (L=350)
P602	6631V25014L	CONNECTOR ASSY,2.5MM 2P(L=600)
P603	6631V25014H	CONNECTOR ASSY,2.5MM 3P(L=800)

LOCA. NO	PART NO	DESCRIPTION
RESISTOR		
D901	ORD2001F609	R,CARBON FILM 2.0K 1/6W 5
FR317	180-D02D	R,RNF RND(S) EQ 2W 0.68 J
FR435	0RF0101J607	R,FUSIBLE 1 1W 5%
FR436	0RF0331H609	R,FUSIBLE 3.3 1/2W 5
FR437	180-D02G	R,RNF RND(S) CR 2W 1.2 J
FR803	0RF0221H609	R,FUSIBLE 2.2 1/2W 5
J9	ORD0472F609	R,CARBON FILM 47 1/6W 5
J216	ORD1000F609	R,CARBON FILM 100 1/6W 5
L106	0RS0222H609	R,METAL FILM OXIDE 22 1/2W 5
PR26	ORD1500F609	R,CARBON FILM 150 1/6W 5
PR34	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
PR62	ORD1000F609	R,CARBON FILM 100 1/6W 5
PR70	180-A04F	R,CEMENT RW RECT G 5W 27.0 J
PR72	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
PR79	ORD1500F609	R,CARBON FILM 150 1/6W 5
PR83	ORD1500F609	R,CARBON FILM 150 1/6W 5
PR84	ORD4703F609	R,CARBON FILM 470K 1/6W 5
RS1	ORD0752F609	R,CARBON FILM 75 1/6W 5
RS10	ORD0752F609	R,CARBON FILM 75 1/6W 5
RS11	ORD1000F609	R,CARBON FILM 100 1/6W 5
RS12	ORD2202F609	R,CARBON FILM 22K 1/6W 5
RS13	ORD4702F609	R,CARBON FILM 47K 1/6W 5
RS14	ORD6200F609	R,CARBON FILM 620 1/6W 5
RS15	ORD1000F609	R,CARBON FILM 100 1/6W 5
RS16	ORD3001F609	R,CARBON FILM 3.0K 1/6W 5
RS17	ORD1501F609	R,CARBON FILM 1.5K 1/6W 5
RS18	ORD1000F609	R,CARBON FILM 100 1/6W 5
RS19	ORD2701F609	R,CARBON FILM 2.7K 1/6W 5
RS2	ORD1000F609	R,CARBON FILM 100 1/6W 5
RS20	ORD1202F609	R,CARBON FILM 12K 1/6W 5
RS21	ORD1602F609	R,CARBON FILM 16K 1/6W 5
RS22	ORD0102F609	R,CARBON FILM 10 1/6W 5
RS23	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
RS24	ORD4700F609	R,CARBON FILM 470 1/6W 5
RS25	ORD3900F609	R,CARBON FILM 390 1/6W 5
RS26	ORD3900F609	R,CARBON FILM 390 1/6W 5
RS28	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
RS3	ORD4702F609	R,CARBON FILM 47K 1/6W 5
RS4	ORD1003F609	R,CARBON FILM 100K 1/6W 5
RS5	ORD1000F609	R,CARBON FILM 100 1/6W 5
RS6	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
RS8	ORD4700F609	R,CARBON FILM 470 1/6W 5
RS9	ORD6200F609	R,CARBON FILM 620 1/6W 5
R1	ORD2200F609	R,CARBON FILM 220 1/6W 5
R10	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R100	ORD0822F609	R,CARBON FILM 82 1/6W 5
R101	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R102	ORD0472F609	R,CARBON FILM 47 1/6W 5
R103	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R104	ORD3300F609	R,CARBON FILM 330 1/6W 5
R105	ORD2702F609	R,CARBON FILM 27K 1/6W 5
R106	ORD0752F609	R,CARBON FILM 75 1/6W 5
R108	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5

LOCA. NO	PART NO	DESCRIPTION
R109	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R11	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R111	ORS0152H609	R,METAL FILM OXIDE 15 1/2W 5
R112	ORD2001H609	R,CARBON FILM 2.0K 1/2W 5
R113	ORD2001H609	R,CARBON FILM 2.0K 1/2W 5
R114	ORS1500K607	R,METAL FILM OXIDE 150 2W 5%
R115	ORD1000F609	R,CARBON FILM 100 1/6W 5
R116	ORD1302F609	R,CARBON FILM 13K 1/6W 5
R117	ORD3002F609	R,CARBON FILM 30K 1/6W 5
R119	ORD9102F609	R,CARBON FILM 91K 1/6W 5
R123	ORD2200F609	R,CARBON FILM 220 1/6W 5
R124	ORS0222K607	R,METAL FILM OXIDE 22 2W 5%
R127	ORS0222K607	R,METAL FILM OXIDE 22 2W 5%
R130	ORD0562F609	R,CARBON FILM 56 1/6W 5
R15	ORD2200F609	R,CARBON FILM 220 1/6W 5
R16	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R161	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R18	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R19	ORD2200F609	R,CARBON FILM 220 1/6W 5
R2	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R202	ORD2203F609	R,CARBON FILM 220K 1/6W 5
R203	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R204	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R206	ORD2203F609	R,CARBON FILM 220K 1/6W 5
R207	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R208	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R209	ORD1000F609	R,CARBON FILM 100 1/6W 5
R21	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R210	ORD4700F609	R,CARBON FILM 470 1/6W 5
R211	ORD0682F609	R,CARBON FILM 68 1/6W 5
R212	ORD2203F609	R,CARBON FILM 220K 1/6W 5
R214	ORD2203F609	R,CARBON FILM 220K 1/6W 5
R215	ORD2203F609	R,CARBON FILM 220K 1/6W 5
R216	ORD5602F609	R,CARBON FILM 56K 1/6W 5
R217	ORD5602F609	R,CARBON FILM 56K 1/6W 5
R218	ORD4700F609	R,CARBON FILM 470 1/6W 5
R22	ORD2202F609	R,CARBON FILM 22K 1/6W 5
R220	ORD0752F609	R,CARBON FILM 75 1/6W 5
R23	ORD1100F609	R,CARBON FILM 110 1/6W 5
R230	ORD2202F609	R,CARBON FILM 22K 1/6W 5
R231	ORD5602F609	R,CARBON FILM 56K 1/6W 5
R232	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R233	ORD2202F609	R,CARBON FILM 22K 1/6W 5
R234	ORD5602F609	R,CARBON FILM 56K 1/6W 5
R236	ORD0912F609	R,CARBON FILM 91 1/6W 5
R237	ORD0912F609	R,CARBON FILM 91 1/6W 5
R238	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R239	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R24	ORD8200F609	R,CARBON FILM 820 1/6W 5
R240	ORD2400F609	R,CARBON FILM 240 1/6W 5
R242	ORD2700F609	R,CARBON FILM 270 1/6W 5
R243	ORD2700F609	R,CARBON FILM 270 1/6W 5
R244	ORD2200F609	R,CARBON FILM 220 1/6W 5
R245	ORD1000F609	R,CARBON FILM 100 1/6W 5 *W/PIP
"	ORD2700F609	R,CARBON FILM 270 1/6W 5

LOCA. NO	PART NO	DESCRIPTION
R246	ORD2200F609	R,CARBON FILM 220 1/6W 5
R248	ORD3300F609	R,CARBON FILM 330 1/6W 5
R25	ORD2200F609	R,CARBON FILM 220 1/6W 5
R250	ORD0391F609	R,CARBON FILM 3.9 1/6W 5
R251	ORD0391F609	R,CARBON FILM 3.9 1/6W 5
R252	ORD2200F609	R,CARBON FILM 220 1/6W 5
R26	ORD2200F609	R,CARBON FILM 220 1/6W 5
R27	ORD3600F609	R,CARBON FILM 360 1/6W 5
R28	ORD1500F609	R,CARBON FILM 150 1/6W 5
R29	ORD2200F609	R,CARBON FILM 220 1/6W 5
R3	ORD2200F609	R,CARBON FILM 220 1/6W 5
R30	ORD2200F609	R,CARBON FILM 220 1/6W 5
R300	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R301	ORD9100F609	R,CARBON FILM 910 1/6W 5
R302	ORD1502F609	R,CARBON FILM 15K 1/6W 5
R303	ORD0221H609	R,CARBON FILM 2.2 1/2W 5
R304	ORD6802F609	R,CARBON FILM 68K 1/6W 5
R306	ORS1001H609	R,METAL FILM OXIDE 1.0K 1/2W 5
R307	ORD5101F609	R,CARBON FILM 5.1K 1/6W 5
R308	ORS0331H609	R,METAL FILM OXIDE 3.3 1/2W 5
R309	ORS0471H609	R,METAL FILM OXIDE 4.7 1/2W 5
R31	ORD2200F609	R,CARBON FILM 220 1/6W 5
R310	ORD6800H609	R,CARBON FILM 680 1/2W 5
R311	ORD6800H609	R,CARBON FILM 680 1/2W 5
R312	ORD0391F609	R,CARBON FILM 3.9 1/6W 5
R313	ORD0102F609	R,CARBON FILM 10 1/6W 5
R314	ORD0102F609	R,CARBON FILM 10 1/6W 5
R32	ORD2200F609	R,CARBON FILM 220 1/6W 5
R33	ORD2200F609	R,CARBON FILM 220 1/6W 5
R34	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R35	ORD2200F609	R,CARBON FILM 220 1/6W 5
R36	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R37	ORD2200F609	R,CARBON FILM 220 1/6W 5
R38	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R39	ORD2200F609	R,CARBON FILM 220 1/6W 5
R4	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R40	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R401	ORD1202F609	R,CARBON FILM 12K 1/6W 5
R402	ORD3900F609	R,CARBON FILM 390 1/6W 5
R403	ORD7501F609	R,CARBON FILM 7.5K 1/6W 5
R404	ORD1502F609	R,CARBON FILM 15K 1/6W 5
R405	ORD1000H609	R,CARBON FILM 100 1/2W 5
R409	ORD1501F609	R,CARBON FILM 1.5K 1/6W 5
R41	ORD4700F609	R,CARBON FILM 470 1/6W 5
R410	ORD2202F609	R,CARBON FILM 22K 1/6W 5
R411	ORD5602F609	R,CARBON FILM 56K 1/6W 5
R412	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R413	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R414	ORD2201H609	R,CARBON FILM 2.2K 1/2W 5
R415	ORD2400F609	R,CARBON FILM 240 1/6W 5
R416	ORS1001K607	R,METAL FILM OXIDE 1K 2W 5%
R417	ORS1801H609	R,METAL FILM OXIDE 1.8K 1/2W 5
R418	ORD2202F609	R,CARBON FILM 22K 1/6W 5
R419	ORD2202H609	R,CARBON FILM 22K 1/2W 5
R42	ORD2200F609	R,CARBON FILM 220 1/6W 5

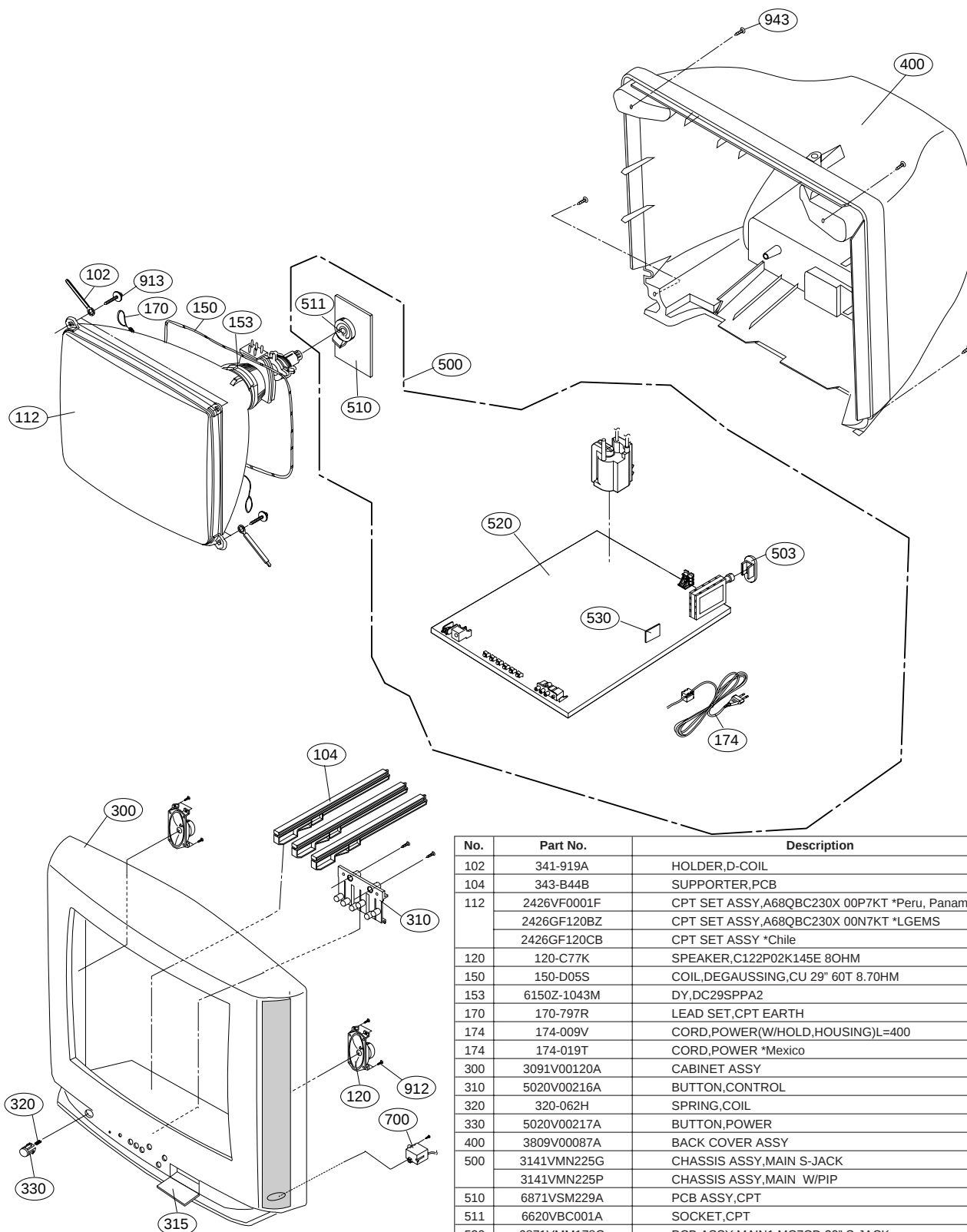
LOCA. NO	PART NO	DESCRIPTION
R421	ORD8201F609	R,CARBON FILM 8.2K 1/6W 5
R422	ORD9100F609	R,CARBON FILM 910 1/6W 5
R423	ORD2203F609	R,CARBON FILM 220K 1/6W 5
R424	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R425	ORD3901F609	R,CARBON FILM 3.9K 1/6W 5
R426	ORF0102H609	R,FUSIBLE 10 1/2W 5
R427	ORD1201F609	R,CARBON FILM 1.2K 1/6W 5
R428	ORD1801F609	R,CARBON FILM 1.8K 1/6W 5
R429	ORD2701H609	R,CARBON FILM 2.7K 1/2W 5
R43	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R430	ORD1501H609	R,CARBON FILM 1.5K 1/2W 5
R431	ORD1501H609	R,CARBON FILM 1.5K 1/2W 5
R432	ORD6802H609	R,CARBON FILM 68K 1/2W 5 TA52
R433	ORS1002H609	R,METAL FILM OXIDE 10K 1/2W 5
R434	ORD2202H609	R,CARBON FILM 22K 1/2W 5
R435	ORD5602F609	R,CARBON FILM 56K 1/6W 5
R436	ORD1502F609	R,CARBON FILM 15K 1/6W 5
R437	ORS3300H609	R,METAL FILM OXIDE 330 1/2W 5
R44	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R441	ORD1000F609	R,CARBON FILM 100 1/6W 5
R45	ORD2200F609	R,CARBON FILM 220 1/6W 5
R46	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R47	ORD2200F609	R,CARBON FILM 220 1/6W 5
R48	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R49	ORD2200F609	R,CARBON FILM 220 1/6W 5
R5	ORD2200F609	R,CARBON FILM 220 1/6W 5
R50	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R501	ORD3002F609	R,CARBON FILM 30K 1/6W 5
R502	ORD1000F609	R,CARBON FILM 100 1/6W 5
R503	ORD1000F609	R,CARBON FILM 100 1/6W 5
R504	ORD1000F609	R,CARBON FILM 100 1/6W 5
R506	ORD2200F609	R,CARBON FILM 220 1/6W 5
R507	ORD2200F609	R,CARBON FILM 220 1/6W 5
R508	ORD5600F609	R,CARBON FILM 560 1/6W 5 *W/PIP
"	ORD7500F609	R,CARBON FILM 750 1/6W 5
R509	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
"	ORD8200F609	R,CARBON FILM 820 1/6W 5 *W/PIP
R51	ORD2200F609	R,CARBON FILM 220 1/6W 5
R510	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R511	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R513	ORD2000F609	R,CARBON FILM 200 1/6W 5
R514	ORD4703F609	R,CARBON FILM 470K 1/6W 5
R52	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R521	ORD3900F609	R,CARBON FILM 390 1/6W 5
R53	ORD2200F609	R,CARBON FILM 220 1/6W 5
R55	ORD2200F609	R,CARBON FILM 220 1/6W 5
R57	ORD2200F609	R,CARBON FILM 220 1/6W 5
R58	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R59	ORD2200F609	R,CARBON FILM 220 1/6W 5
R6	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R60	ORD8200F609	R,CARBON FILM 820 1/6W 5
R601	ORD9100F609	R,CARBON FILM 910 1/6W 5
R602	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R603	ORD1601F609	R,CARBON FILM 1.6K 1/6W 5
R604	ORD1601F609	R,CARBON FILM 1.6K 1/6W 5

LOCA. NO	PART NO	DESCRIPTION
R605	ORD1102F609	R,CARBON FILM 11K 1/6W 5
R606	ORD1102F609	R,CARBON FILM 11K 1/6W 5
R607	ORD1200H609	R,CARBON FILM 120 1/2W 5
R608	ORD1200H609	R,CARBON FILM 120 1/2W 5
R61	ORD3600F609	R,CARBON FILM 360 1/6W 5
R62	ORD1500F609	R,CARBON FILM 150 1/6W 5
R63	ORD3600F609	R,CARBON FILM 360 1/6W 5
R64	ORD1500F609	R,CARBON FILM 150 1/6W 5
R641	ORD2002F609	R,CARBON FILM 20K 1/6W 5
R644	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R645	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R65	ORD3300F609	R,CARBON FILM 330 1/6W 5
R66	ORD1004F609	R,CARBON FILM 1.0M 1/6W 5
R67	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R68	ORD2200F609	R,CARBON FILM 220 1/6W 5
R7	ORD2200F609	R,CARBON FILM 220 1/6W 5
R70	ORD2200F609	R,CARBON FILM 220 1/6W 5
R709	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R71	ORD2200F609	R,CARBON FILM 220 1/6W 5
R711	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R712	ORD0102F609	R,CARBON FILM 10 1/6W 5
R713	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R75	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R76	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R77	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R78	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R79	ORD2702F609	R,CARBON FILM 27K 1/6W 5
R8	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R80	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R803	ORD2000F609	R,CARBON FILM 200 1/6W 5
R804	ORD2000F609	R,CARBON FILM 200 1/6W 5
R805	ORS2202K607	R,METAL FILM OXIDE 22K 2W 5%
R806	ORS2202K607	R,METAL FILM OXIDE 22K 2W 5%
R807	180-A01K	R,CEMENT RW ROUND G 2W 0.24 J
R808	ORS0152K607	R,METAL FILM OXIDE 15 2W 5%
R81	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R811	ORD3002H609	R,CARBON FILM 30K 1/2W 5
R812	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R813	ORD2201F609	R,CARBON FILM 2.2K 1/6W 5
R814	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R816	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R819	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R82	ORD3300F609	R,CARBON FILM 330 1/6W 5
R823	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R827	ORD2001F609	R,CARBON FILM 2.0K 1/6W 5
R828	ORD7501F609	R,CARBON FILM 7.5K 1/6W 5
R83	ORD5100F609	R,CARBON FILM 510 1/6W 5
R831	ORS0470J607	R,METAL FILM OXIDE 0.47 1W 5%
R84	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R85A	ORD0752F609	R,CARBON FILM 75 1/6W 5
R85	ORD0752F609	R,CARBON FILM 75 1/6W 5
R850	180-C02J	R,CARBON COMPOSITE 1/2W 10M K
R86A	ORD2203F609	R,CARBON FILM 220K 1/6W 5
R86	ORD2203F609	R,CARBON FILM 220K 1/6W 5
R87A	ORD2203F609	R,CARBON FILM 220K 1/6W 5

LOCA. NO	PART NO	DESCRIPTION
R87	ORD2203F609	R,CARBON FILM 220K 1/6W 5
R88	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R89	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R9	ORD2200F609	R,CARBON FILM 220 1/6W 5
R901	ORS1500H609	R,METAL FILM OXIDE 150 1/2W 5
R902	ORD1000F609	R,CARBON FILM 100 1/6W 5
R910	ORD1000F609	R,CARBON FILM 100 1/6W 5
R911	ORD1000F609	R,CARBON FILM 100 1/6W 5
R912	ORD2200F609	R,CARBON FILM 220 1/6W 5
R913	ORD1801H609	R,CARBON FILM 1.8K 1/2W 5
R914	ORS2002K607	R,METAL FILM OXIDE 20K 2W 5%
R915	ORS2002K607	R,METAL FILM OXIDE 20K 2W 5%
R916	ORD1201H609	R,CARBON FILM 1.2K 1/2W 5
R920	ORD1000F609	R,CARBON FILM 100 1/6W 5
R921	ORD1000F609	R,CARBON FILM 100 1/6W 5
R922	ORD2200F609	R,CARBON FILM 220 1/6W 5
R923	ORD1801H609	R,CARBON FILM 1.8K 1/2W 5
R924	ORS2002K607	R,METAL FILM OXIDE 20K 2W 5%
R925	ORS2002K607	R,METAL FILM OXIDE 20K 2W 5%
R926	ORD1201H609	R,CARBON FILM 1.2K 1/2W 5
R930	ORD1000F609	R,CARBON FILM 100 1/6W 5
R931	ORD1000F609	R,CARBON FILM 100 1/6W 5
R932	ORD2200F609	R,CARBON FILM 220 1/6W 5
R933	ORD1801H609	R,CARBON FILM 1.8K 1/2W 5
R934	ORS2002K607	R,METAL FILM OXIDE 20K 2W 5%
R935	ORS2002K607	R,METAL FILM OXIDE 20K 2W 5%
R936	ORD1201H609	R,CARBON FILM 1.2K 1/2W 5
R940	ORD2700F609	R,CARBON FILM 270 1/6W 5
R941	ORD8200F609	R,CARBON FILM 820 1/6W 5
R942	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R943	ORD4700F609	R,CARBON FILM 470 1/6W 5
R944	ORD1000F609	R,CARBON FILM 100 1/6W 5
R950	ORD2203H609	R,CARBON FILM 220K 1/2W 5
R960	180-D02G	R,RNF RND(S) CR 2W 1.2 J
VR400	180-F03H	R,SEMI-FIX(H) EVN-DJAA03 B103
VR401	180-F03J	R,SEMI-FIX(H) EVN-DJAA03 B203
SPARK GAP		
SG901	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
SG902	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
SG903	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
SWITCH		
SW1	140-315A	SWITCH,TACT VERT
SW2	140-315A	SWITCH,TACT VERT
SW3	140-315A	SWITCH,TACT VERT
SW4	140-315A	SWITCH TACT VERT
SW5	140-315A	SWITCH,TACT VERT
SW6	140-315A	SWITCH,TACT VERT
SW801	140-275C	SWITCH,PUSH,JDPB21NA(STICK)
CRYSTAL & FILTER		
PIC3	166-272C	FILTER,COMB COMB UGL-350KNT(BULK)SHOWA
PX1	156-A02N	CRYSTAL,STD 14.318180 16PF 25 OHM BULK
PX2	156-A02N	CRYSTAL,STD 14.318180 16PF 25 OHM BULK

LOCA. NO	PART NO	DESCRIPTION
X1	156-A08A	CRYSTAL,32.7680KHZ +-10PPM
X501	156-A01H	CRYSTAL,4.433619 16PF 80 OHM BULK
L801	150-F01F	FILTER(CIRC),LINE EE253
Z101	166-268C	FILTER,SAW,OFW M1963M
Z160	166-B02A	FILTER,B.P FILTER SFSH4.5MCB-TF21
Z201	166-C04A	FILTER,TRAP TPS4.5MWA-TF21
MISCELLANEOUS		
PA01	351-012A	LINK,POWER S/W
PN201	106-047F	PRE-AMP,SBX1940-72(38.0KHZ) MESH
PN202	6612VJH006A	JACK,RCA PJ6061A HORIZONTAL 6
PN202A	6613V00004B	JACK ASSY 3P
PN203	6613V00004B	JACK ASSY 3P
PN203	380-363B	JACK,S-VHS
PN601	380-068B	JACK,EARPHONE WITH SW STEREO
RL801	141-018E	RELAY,DG12D1-0(M)-2 12V44MA
TH801	163-051F	THERMISTOR,J503P84D140M290Q
TH802	163-048D	THERMISTOR,KL15L2R5
TH901	163-048E	THERMISTOR,KC5A130L +/- 15% 500V
TU101	6700VNF004D	TUNER,TUSH8-A07A LGEC NTSC(181CH)
VA801	164-003D	VARISTOR,SVC 561D-14A
ACCESSORIES		
A1	3828VA0151B	MANUAL,OWNERS MC7CD,E.LG EN/SP
A1	3828VA0128N	MANUAL,OWNERS MC7CD CN-29H30P LG EN
A2	6710V00012J	REMOTE CONTROLLER,PIP CN-29H30P 42KEY
A2	6710V00008C	REMOTE CONTROLLER,EYE,LG
A2	6710V00008H	REMOTE CONTROLLER,W/O EYE,OEM
A3	450-C07C	ADAPTER,RFCONNECTING ANT

VISTA EN DESPIECE(CP-29K40/P)



No.	Part No.	Description
102	341-919A	HOLDER,D-COIL
104	343-B44B	SUPPORTER,PCB
112	2426VF0001F	CPT SET ASSY,A68QBC230X 00P7KT *Peru, Panama
	2426GF120BZ	CPT SET ASSY,A68QBC230X 00N7KT *LGEMS
	2426GF120CB	CPT SET ASSY *Chile
120	120-C77K	SPEAKER,C122P02K145E 8OHM
150	150-D05S	COIL,DEGAUSSING,CU 29" 60T 8.70HM
153	6150Z-1043M	DY,DC29SPPA2
170	170-797R	LEAD SET,CPT EARTH
174	174-009V	CORD,POWER(W/HOLD,HOUSING)L=400
174	174-019T	CORD,POWER *Mexico
300	3091V00120A	CABINET ASSY
310	5020V00216A	BUTTON,CONTROL
320	320-062H	SPRING,COIL
330	5020V00217A	BUTTON,POWER
400	3809V00087A	BACK COVER ASSY
500	3141VMN225G	CHASSIS ASSY,MAIN S-JACK
	3141VMN225P	CHASSIS ASSY,MAIN W/PIP
510	6871VSM229A	PCB ASSY,CPT
511	6620VBC001A	SOCKET,CPT
520	6871VMM178G	PCB ASSY,MAIN1 MC7CD 29" S-JACK
	6871VMM178P	PCB ASSY,MAIN1 MC7CD W/PIP
530	6871VSM225B	PCB ASSY,SUB S-JACK
	6871VSM225D	PCB ASSY,PIP & S-JACK
700	0IGL120104C	IC,CDS SENSOR MODULE
912	1PPF0403116	SCREW,PAN HEAD D4 L16
943	1PPF0403116	SCREW,PAN HEAD D4 L16