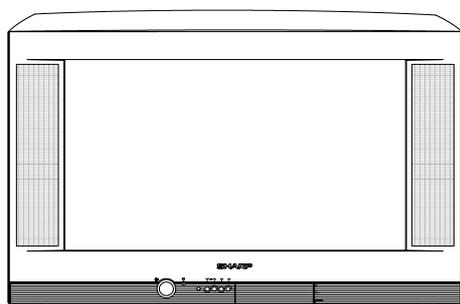


SHARP®**SERVICE MANUAL**

SEJB32HW57E00

Issued: 6th Sept 2001

DA-100W CHASSISPAL_{B/G, I} / SECAM_{L/L', B/G, D/K} SYSTEM COLOUR TELEVISION**MODEL****32HW-57E_{DE/ES/IT/SE}**

In the interests of user safety (required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

CONTENTS

ELECTRICAL SPECIFICATIONS.....3	SCHEMATIC DIAGRAMS.....26
IMPORTANT SERVICING NOTES.....4	BLOCK DIAGRAM.....37
ADJUSTMENTS PROCEDURES.....5	PARTS LISTING.....38
LED FLASHING CODES.....10	PACKING OF THE SET & ACCESSORIES.....49
PRINTED WIRING BOARDS.....11	CONTROLS & TERMINALS.....50
COMPONENT LOCATION TABLES.....19	

SHARP CORPORATION

This document has been published to be used for after sales service only.

ELECTRICAL SPECIFICATIONS

- Power Input 220V-240 Volts AC 50Hz
- Power Consumption
 - Normal Operation115W
 - Stand-by Operation1.3W
- Audio Power Output Rating (MPO) / Impedance
 - Internal Left Speaker 10W, 7 Ω
 - Internal Right Speaker 10W, 7 Ω
- Speakers
 - Left / Right12W, 6 x 12cm
- Convergence
 - Static (Centre) between any two colours
 - Dynamic after static equals zero
- Focus High Bi-Potential Electrostatic
- Sweep Deflection Magnetic
- White Level
 - Set brightness control to get total picture tube cathode current of 600 milliammeter under no signal condition. Maximum necessary correction of each picture tube cathode current to get 8550 degrees K+1 MPCD screen temperature should not exceed 15% of its original value.
 - X=0.290** **Y=0.300**
- Picture Intermediate frequency
 - L'33.9MHz
 - L, B/G, D/K, I.....38.9MHz
- Sound Carrier Trap
 - L'40.4MHz
 - L, D/K.....32.4MHz
 - B/G.....33.4MHz
 - I.....32.9MHz
- Adjacent Sound Carrier Trap
 - L'32.4MHz
 - L, D/K, B/G.....40.4MHz
 - I.....40.9MHz
- Adjacent Picture Carrier Trap
 - L'41.9MHz
 - L, D/K, I.....30.9MHz
 - B/G.....31.9MHz
- Aerial Input Impedance
 - VHF/UHF 75 ohm Unbalanced
- Tuning Ranges 45.75MHz thru 855.25 MHz
 - VHF: E2-E12 CH / F2-F10 CH, IR A -IR J CH
 - S1 - S41 CH (HIPERBAND)
 - UHF: E-21- E69 CH, I21-I69 CH

Specifications are subject to change without prior notice.

MODEL DESTINATION (Operation Manual languages).

32HW-57EDE: Dutch, French, German and Italian.
32HW-57EES: Portuguese and Spanish.
32HW-57EIT: Italian.
32HW-57ESE: Danish, English, Finnish, Norwegian and Swedish.

WARNING

The chassis in this receiver is partially hot. Use an isolation transformer between the line cord plug and power receptacle, when servicing this chassis.
 To prevent electric shock, do not remove cover. No user-serviceable parts inside. Refer servicing to qualified service personnel.

IMPORTANT SERVICING NOTES

Only qualified service personnel are allowed to carry out maintenance and repair of this receiver.

SERVICING OF HIGH VOLTAGE SYSTEM AND CRT

It is important that the static charge is removed from the high voltage system when carrying out work on the receiver. This can be achieved by connecting a 10K resistor (with a suitably insulated lead) from the CRT cavity connector to the CRT ground tag. This must be carried out with the AC supply disconnected from the receiver.

Note the following:

- The CRT in this receiver employs Integral Implosion Protection.
- If the CRT has to be changed it **MUST** be replaced with the correct type for continued safe working
- **DO NOT** lift the CRT by its neck.
- When handling the CRT, ensure that shatterproof goggles are worn.
- Ensure that the CRT is discharge before handling.

X-RAY

This receiver is designed to keep any x-ray emission to an absolute minimum. Some fault conditions and servicing procedures may produce potentially hazardous x-ray radiation levels. This is a problem when in close proximity to the receiver for long periods of time. To reduce any risks associated with this, please observe the following precautions:

1. When undertaking any servicing on this chassis, **DO NOT** increase the EHT to more than 33 KV, (at a instantaneous beam current of 2000 μ A).
2. Ensure that during normal operation the EHT does not exceed 30KV \pm 1.5KV (at a beam current of 1500 μ A). This level has been preset in the factory. Always check that this level has not been exceeded after carrying out any repair on the receiver..
3. **DO NOT** replace the CRT with any other type than that specified in the parts listing as this may cause excessive x-ray radiation.

BEFORE RETURNING THE RECEIVER TO THE CUSTOMER

In addition to the above checks, the following should also be carried out before returning the receiver to the customer.

1. Inspect all the leads to ensure that they are dressed correctly and that they are not obstructed or pinched by any other parts.
2. Ensure that all protective devices are in good condition. These will include nonmetallic control knobs, insulating fish papers, cabinets backs, compartment covers or shields, mechanical insulators, etc.

ADJUSTMENT PROCEDURES

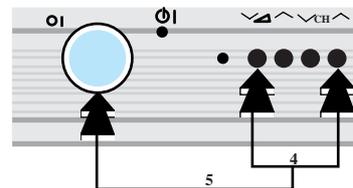
All adjustments to this chassis, except for focus, are carried out in the service mode.

• SERVICE MODE

The service mode is provided to enable the engineer to correctly set up the receiver to the CRT fitted in the set. Note that these adjustments may vary from one receiver to another.

To enter the service mode, carry out the following procedure.

1. Connect a test pattern to the antenna terminal.
2. Tune the receiver to this signal.
3. Turn the receiver off using the mains switch.
4. Press volume down and channel up buttons on the front of the receiver at the same time.
5. Keeping these buttons pressed, turn the mains on.
6. When the set starts up it will be in service mode.
7. Release the two buttons.



- Use the channel up and down buttons to move between the options.
- Use the volume control buttons to change the data.
- To store the data, use the stand-by button on the remote control.
- To exit the service mode, turn the receiver off using the mains switch.

When the service mode is entered the following On Screen Display appears

-SERVICE SOFTWARE AND HEXADECIMAL COUNTER DISPLAY:
SW ON XXXX SW OFF XXXX HOURS ON XXXX

The figures displayed in the XXXX locations are hexadecimal representations of the number of times that particular function has been executed. For example if the hexadecimal number displayed after SW ON was 0E4A, this would correspond to the receiver being turned on 3658 times.

Adjustment menu:

The following adjustments can be carried out in the service mode.

- | | |
|---------------------------|---|
| • Horizontal Shift | • Green Cut Off |
| • East West Width | • Blue Cut Off |
| • Pin Phase | • Alter NVM Page |
| • Pin Amp | • Alter NVM Position |
| • Upper Corner Correction | • Alter NVM Value |
| • Upper Corner Correction | • Teletext Mix Mode Contrast |
| • Vertical Linearity | • Teletext Contrast |
| • Vertical Angle | • OSD Contrast |
| • Vertical Bow | • DVCO Adjustment (Only PAL) |
| • Vertical Amplitude | • DVCO Adjustment (Only NTSC) |
| • S Correction | • Luma Croma delay |
| • Vertical Shift | • AGC Adjustment |
| • Red Gain | • AFT Adjustment |
| • Green Gain | • AFT Adjustment for L' |
| • Blue Gain | • OPC Value (Not available in this model) |
| • Red Cut Off | • Auto Installation On/Off |

Geometry Adjustments

All geometry adjustments are based on an internally generated test pattern as shown in figure 1. When carrying out any of the above geometry adjustments, use the internally generated test pattern for guidance.

Note that the receiver should be set to FULL MODE before carrying out any geometry adjustments. This can be achieved by pressing the widescreen mode button on the remote control until FULL MODE appears on the OSD. This can only be done out of the service mode.

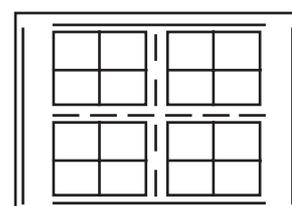


Fig.1

The following geometry adjustments can be carried out. Detailed instructions on how to execute these are given on the following pages

Horizontal

- Horizontal Shift
- E-W Width
- Pin Phase
- Pin Amp
- Upper Corner Amplitude
- Lower Corner Symmetry
- Extreme Corner Symmetry

Vertical

- Vertical Amplitude
- S Correction
- Vertical Shift
- Vertical Linearity
- Vertical angle
- Vertical bow

Just in case the TV set requires a full geometries adjustment, please proceed first with Vertical according to the above order, and after that, adjust Horizontal according to the above order.

Horizontal Shift

Adjust the horizontal shift so that the picture is centred.
The effect of this adjustment is shown in figure 2.

- When the volume up button is pressed, the picture moves to the left.
- When the volume down button is pressed, the picture moves to the right.
- Press the stand-by button on the remote control to store.

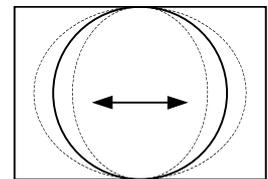


Fig.2

E-W Width

Adjust the E-W Width so that 9% over-scan is achieved.
The effect of this adjustment is shown in figure 3.

- When the volume up button is pressed, horizontal scanning increases.
- When the volume down button is pressed, horizontal scanning decreases.
- Press the stand-by button on the remote control to store.

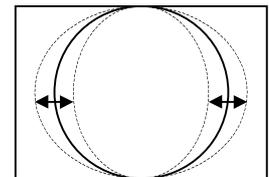


Fig.3

Pin Phase

Adjust the Pin Phase so that the picture is symmetrical top and bottom.
The effect of this adjustment is shown in figure 4.

- When the volume up button is pressed, side pincushion changes.
- When the volume down button is pressed, side pincushion changes.
- Press the stand-by button on the remote control to store.

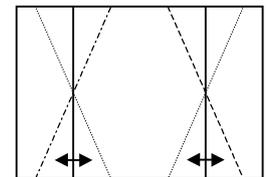


Fig.4

Pin Amp

Adjust the Pin Amplitude so that the picture is centred.
The effect of this adjustment is shown in figure 5.

- When the volume up button is pressed, side pincushion changes from pincushion to barrel shape.
- When the volume down button is pressed, side pincushion changes from pincushion to barrel shape.
- Press the stand-by button on the remote control to store.

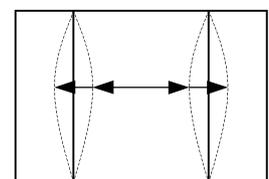


Fig.5

Upper Corner Correction

Adjust the Upper Corner Correction so that the picture is centred.
The effect of this adjustment is shown in figure 6.

- When the volume up button is pressed, side pincushion changes from pincushion to barrel shape.
- When the volume down button is pressed, side pincushion changes from pincushion to barrel shape.
- Press the stand-by button on the remote control to store.

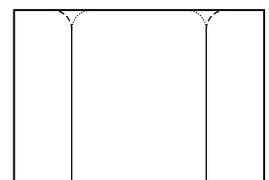


Fig.6

Lower Corner Correction

Adjust the Lower Corner Correction so that the picture is centred.
The effect of this adjustment is shown in figure 7.

- When the volume up button is pressed, side pincushion changes from pincushion to barrel shape.
- When the volume down button is pressed, side pincushion changes from pincushion to barrel shape.
- Press the stand-by button on the remote control to store.

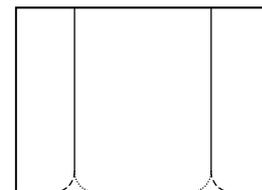


Fig.7

Vertical Linearity

Adjust the Vertical Linearity so that the upper and lower parts of the picture are symmetrical.
The effect of this adjustment is shown in figure 8.

- When the volume up button is pressed, the upper picture scanning decreases and the lower picture scanning increases.
- When the volume down button is pressed, the upper picture scanning increases and the lower picture scanning decreases.
- Press the stand-by button on the remote control to store.

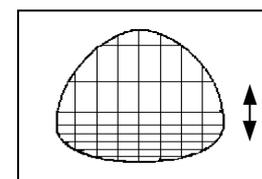


Fig.8

Vertical Angle

Adjust the Vertical Amplitude so that the picture is centred.
The effect of this adjustment is shown in figure 9

- When the volume up button is pressed, the vertical angle changes.
- When the volume down button is pressed, the vertical angle changes.
- Press the stand-by button on the remote control to store.

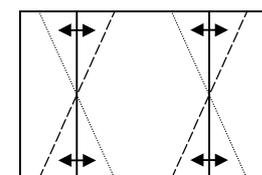


Fig.9

Vertical Bow

Adjust the Vertical Bow so that the picture is centred.
The effect of this adjustment is shown in figure 10

- When the volume up button is pressed, the vertical bow changes to right.
- When the volume down button is pressed, the vertical bow changes to left.
- Press the stand-by button on the remote control to store.

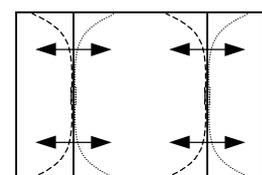


Fig.10

Vertical Amplitude

Adjust the Vertical Amplitude so that the picture is over-scanned.
The effect of this adjustment is shown in figure 11.

- When the volume up button is pressed, the vertical size of the picture increases.
- When the volume down button is pressed, the vertical size of the picture decreases.
- Press the stand-by button on the remote control to store.

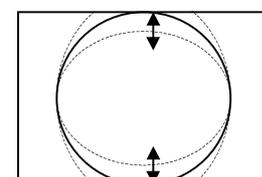


Fig.11

S Correction

Adjust the S Correction so that the picture symmetrical between the top, centre and bottom.
The effect of this adjustment is shown in figure 12.

- When the volume up button is pressed, the top and bottom scanning increases and the centre scanning decreases.

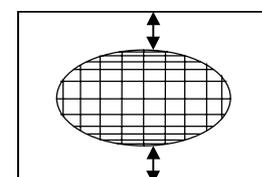


Fig.12

- When the volume down button is pressed the top and bottom scanning decreases and the centre scanning increases.
- Press the stand-by button on the remote control to store.

Vertical Shift

Adjust the Vertical Shift so that the picture is centred.
The effect of this adjustment is shown in figure 13.

- When the volume up button is pressed, the picture moves down.
- When the volume down button is pressed, the picture moves up.
- Press the stand-by button on the remote control to store.

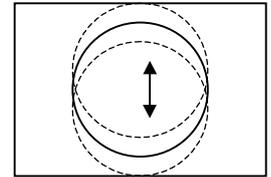


Fig.13

Colour Adjustments

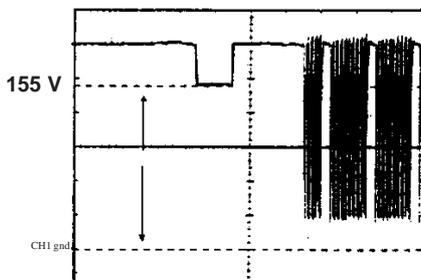
The following adjustments should only be carried out when the CRT, IC801 or IC801 are replaced.

To increase press volume-up button and to decrease press volume down button.

G2, Cut Off and Gain Adjustments

1. Follow the procedure below to set the G2

- 1.1 Tune the set to the output of a signal generator (cross hatch pattern).
- 1.2 In the user menu, set contrast to 80/100 and brightness to 40/100.
- 1.3 Connect the oscilloscope to the red cathode and adjust G2 to read 155V on the sensor pulse as in the drawing:



NOTE:

Oscilloscope should be adjusted for vertical TV field trigger and synchronized with video signal.

2. Follow the procedure below to set the Cut Off.

- 2.1 Adjust G2.
- 2.2 Tune a white card.
- 2.3 Adjust colour to minimum.
- 2.4 Position colorimeter in the centre of screen.
- 2.5 Adjust brightness and contrast to obtain a luminance of ≈ 20 NITS.
- 2.6 Operate in Service Mode and select location RED CUT OFF, GREEN CUT OFF and BLUE CUT OFF, to obtain colour coordinates:
 $X=0.290 \pm 0.015$ $Y=0.300 \pm 0.015$

RED CUT OFF alter «X» coordinate.
 GREEN CUT OFF alter «Y» coordinate.
 BLUE CUT OFF alter «X» and «Y» coordinates.

Changing NVM Data

To change the data contained within the Non Volatile Memory, it is necessary to first select the page the data is stored in, then the position and finally to change the data itself. The procedure below outlines this process.

1. While on ALTER NVM PAGE, use the volume up/down buttons to change this data (data is shown in hexadecimal format).
2. Press the channel up button and ALTER NVM POSITION appears, use the volume up/down buttons to change this data (data is shown in hexadecimal format).
3. Press the channel up button and ALTER NVM VALUE appears, use the volume up/down buttons to change this data (data is shown in hexadecimal format).
4. Once this data has been set, press the standby button to store.
5. If another NVM value has to be changed, use the channel down button to select the page or position and repeat as necessary.

Note:

DO NOT change any NVM data, unless you have been advised to do so by a Sharp representative. If data is incorrectly changed, serious damage may occur to the receiver.

Contrast Adjustments

Three types of contrast levels can be varied as listed below:

- TELETEXT MIX MODE CONTRAST
- TELETEXT CONTRAST
- OSD CONTRAST

Use the volume up/down buttons to adjust to a suitable level, then press the standby button to store.

DVCO Adjustment (PAL)

Carry out the DVCO Adjustment (PAL) as shown below:

1. Receive a Phillips pattern signal.
2. While in the DVCO ADJUSTMENT (PAL) menu, press the standby button.
3. The adjustment will be carried out automatically and stored.

DVCO Adjustment (NTSC)

No adjustment required.

Auto Installation On/Off

To return the receiver to the original Auto Installation mode, using the volume up or down button, set the Auto Installation On/Off to On. This setting is automatically stored and when the receiver is turned on the next time it will start up in Auto Installation mode.

AGC Adjustment

To correctly align the Automatic Gain Control, follow the procedure outlined below:

1. Tune the set into a pattern generator on CH10.
2. Adjust the signal strength of the pattern generator to 57uV
3. Enter the service mode.
4. Enter the AGC Adjustment menu.
5. Press the standby button on the remote control.
6. The adjustment will be carried out and stored automatically.

AFT Adjustment (BG-I, SECAM L)

To correctly align the Automatic Fine Tune, follow the procedure outlined below:

1. Tune the set into a pattern generator on CH69.
2. Enter the service mode.
3. Enter the AFT Adjustment menu.
4. Press the standby button on the remote control.
5. The adjustment will be carried out and stored automatically.

AFT Adjustment (SECAM L')

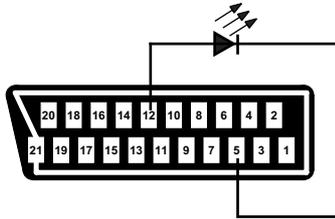
To correctly align the Automatic Fine Tune, follow the procedure outlined below:

1. Tune the set into a pattern generator on CH04.
2. Enter the service mode.
3. Enter the AFT Adjustment menu.
4. Press the standby button on the remote control.
5. The adjustment will be carried out and stored automatically.

LED FLASHING CODES

This model is not provided with stereo led, so to let “flashing codes” for IC failures detection when the TV set does not work, we have answered with the next solution:

- The detection of failure will be made with an external LED.
- The output of the flashing code will be via AV1 (pin 12).
- Insert a generic led diode between pin 12 and ground (i.e. pin 5, 13 or 21) as shows the below picture.



Follow the sequence according to the information below, as a guide to fault finding.

1. **Unable to read or write into NVM:** 66% ON, 33% OFF twice and OFF for a second.



2. **MSP failure:** 66% ON, 33% OFF for three times and OFF for a second.



3. **VPC failure:** 66% ON, 33% OFF for four times and OFF for a second.



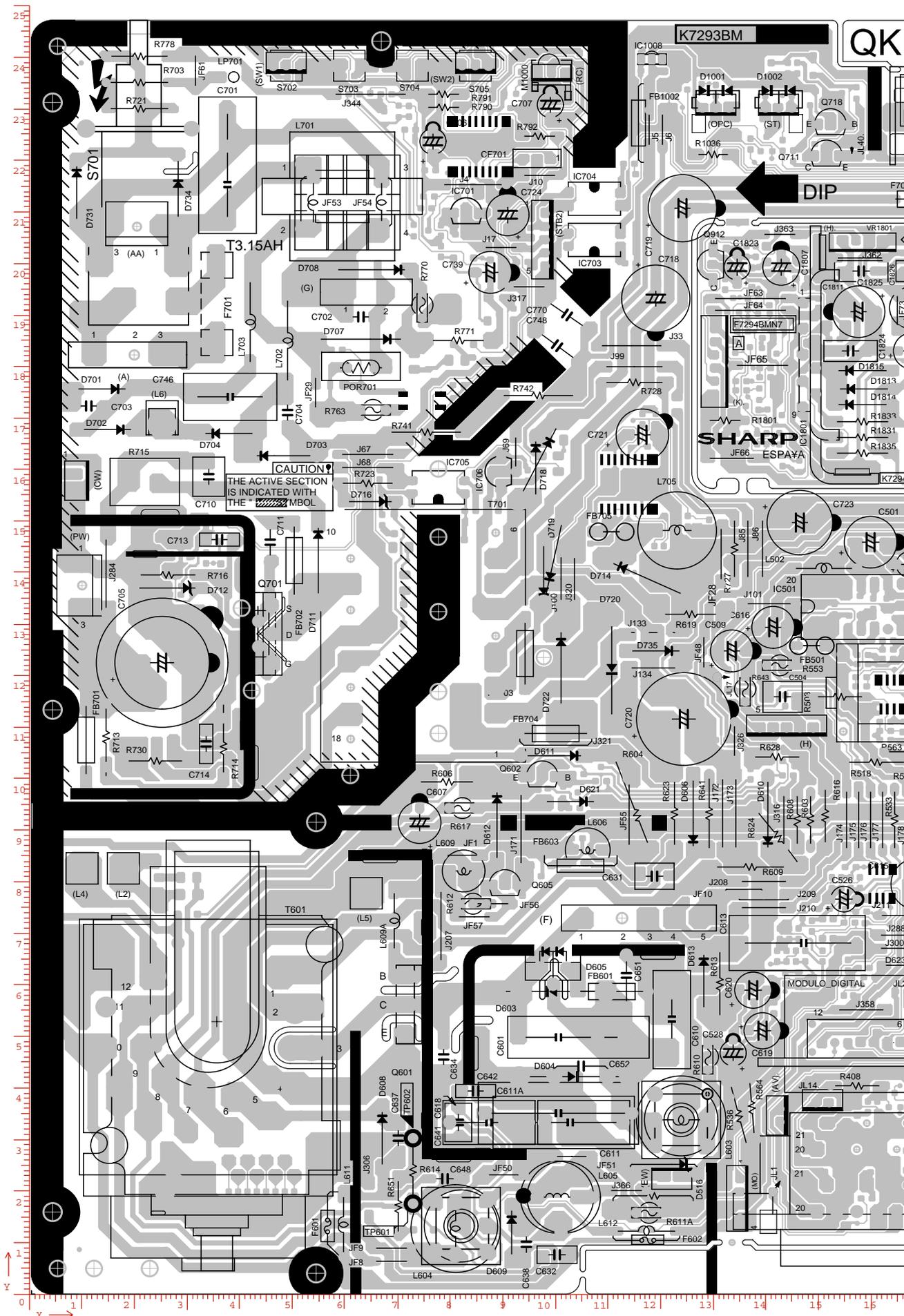
4. **SDA failure:** 66% ON, 33% OFF for five times and OFF for a second.

5. **DDP failure:** 66% ON, 33% OFF for six times and OFF for a second.

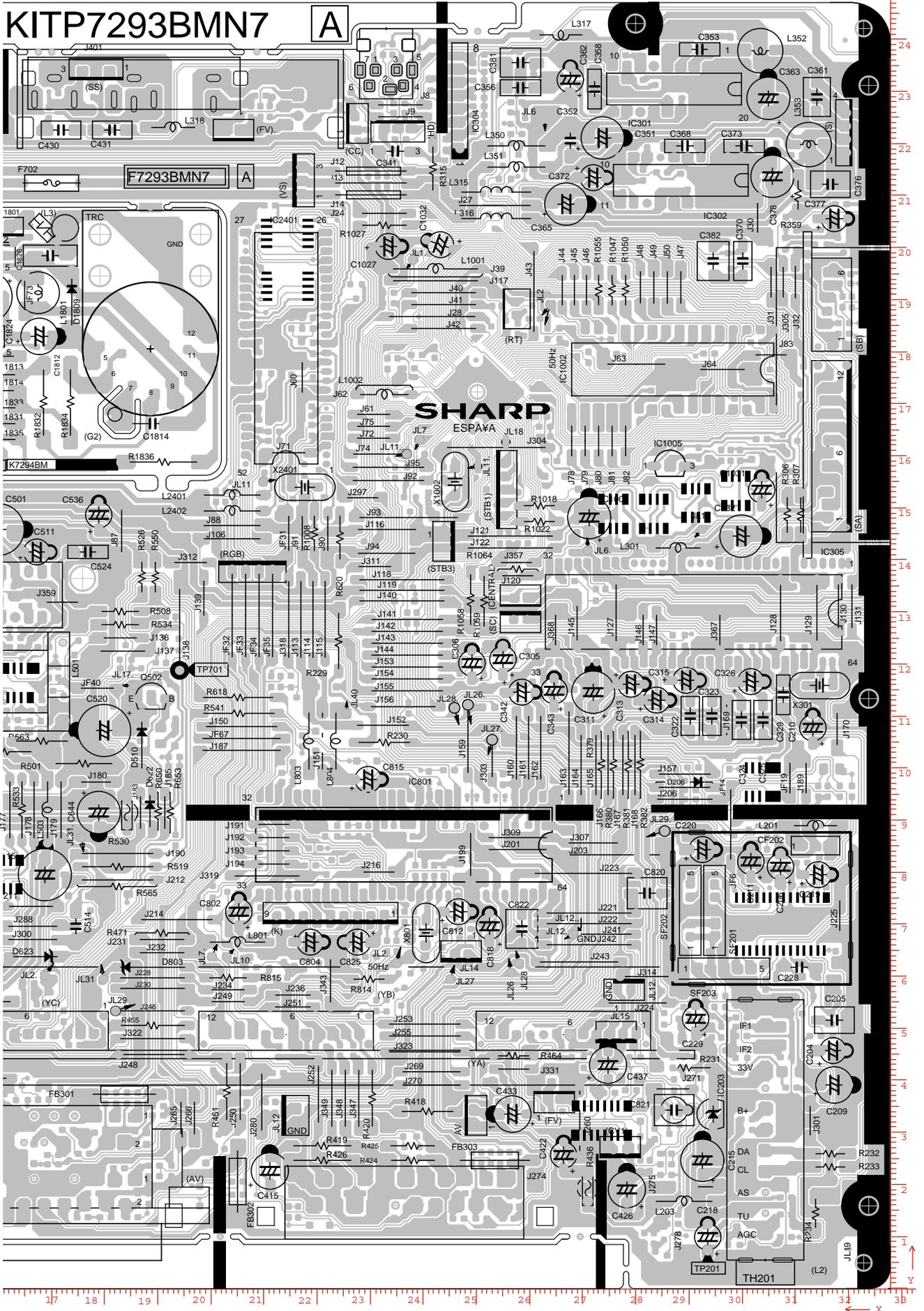
NOTE:

If you want to check that the system is working, open resistor R307 to avoid I₂C communication with MSP. The TV set will flash three times and OFF for a second, showing MSP failure. Then the system is working properly.

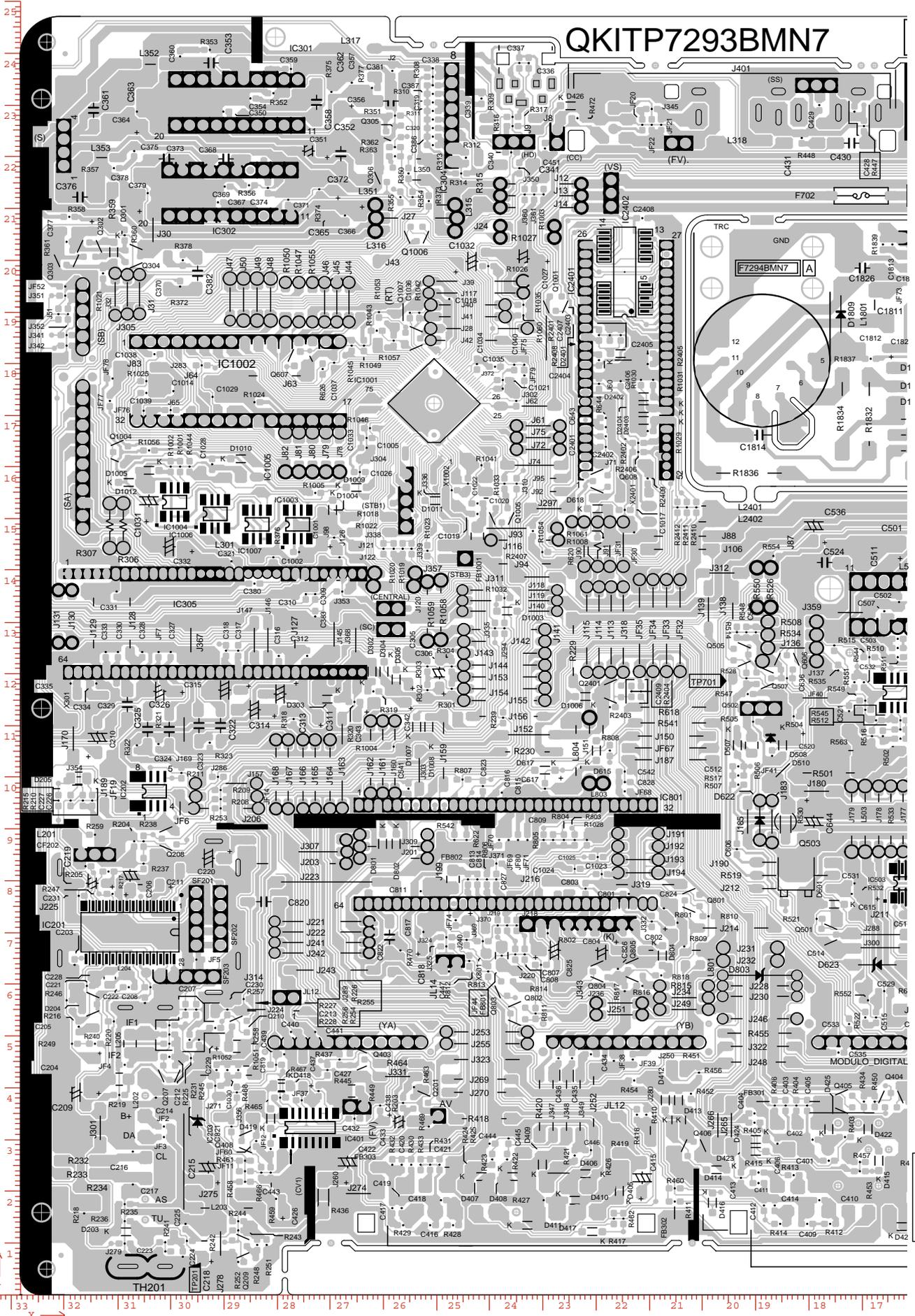
MOTHER UNIT (F7293N7A) PRINTED WIRING BOARD. Component side.



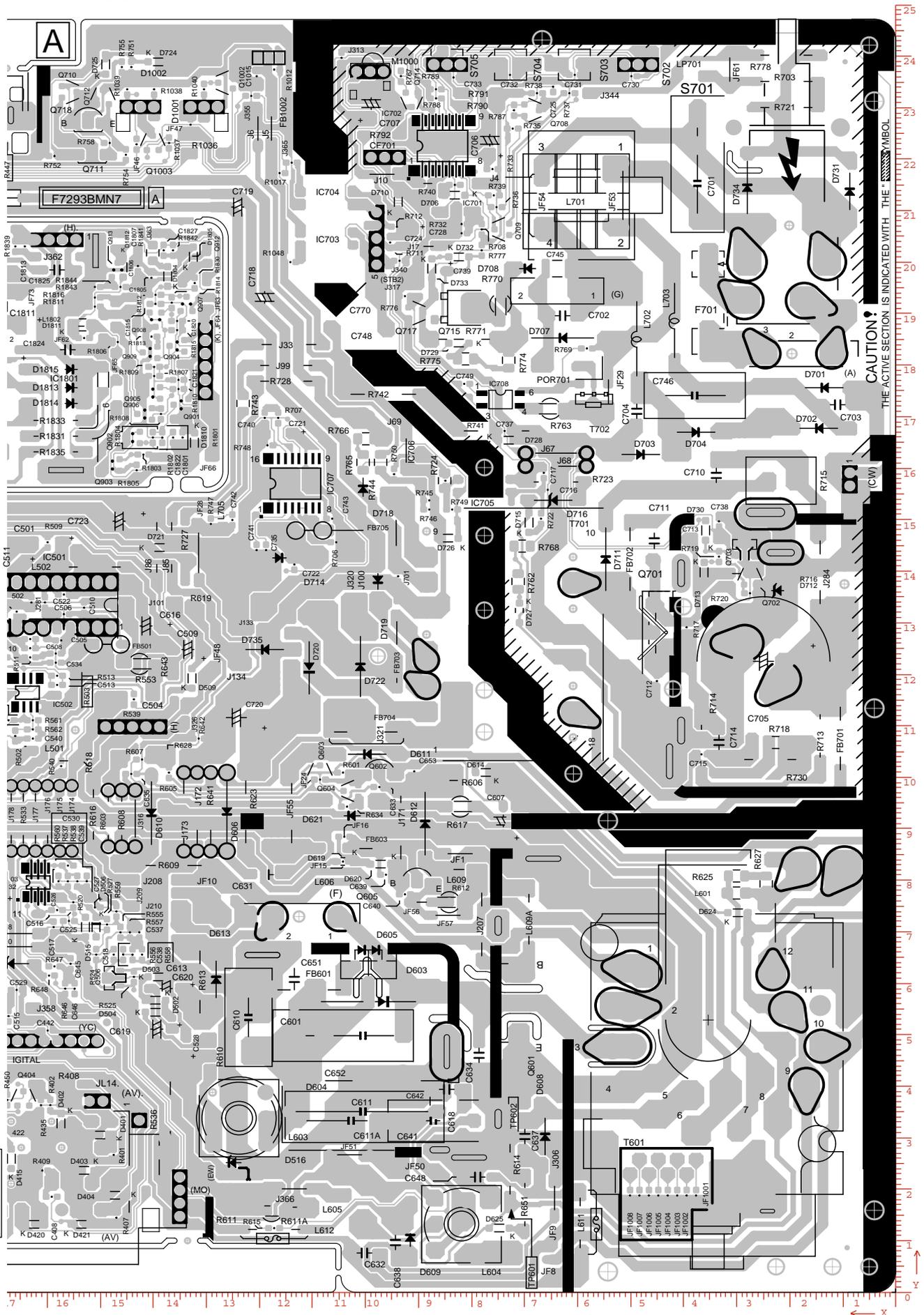
MOTHER UNIT (F7293N7A) PRINTED WIRING BOARD. Component side.



MOTHER UNIT (F7293N7A) PRINTED WIRING BOARD. Copper side.



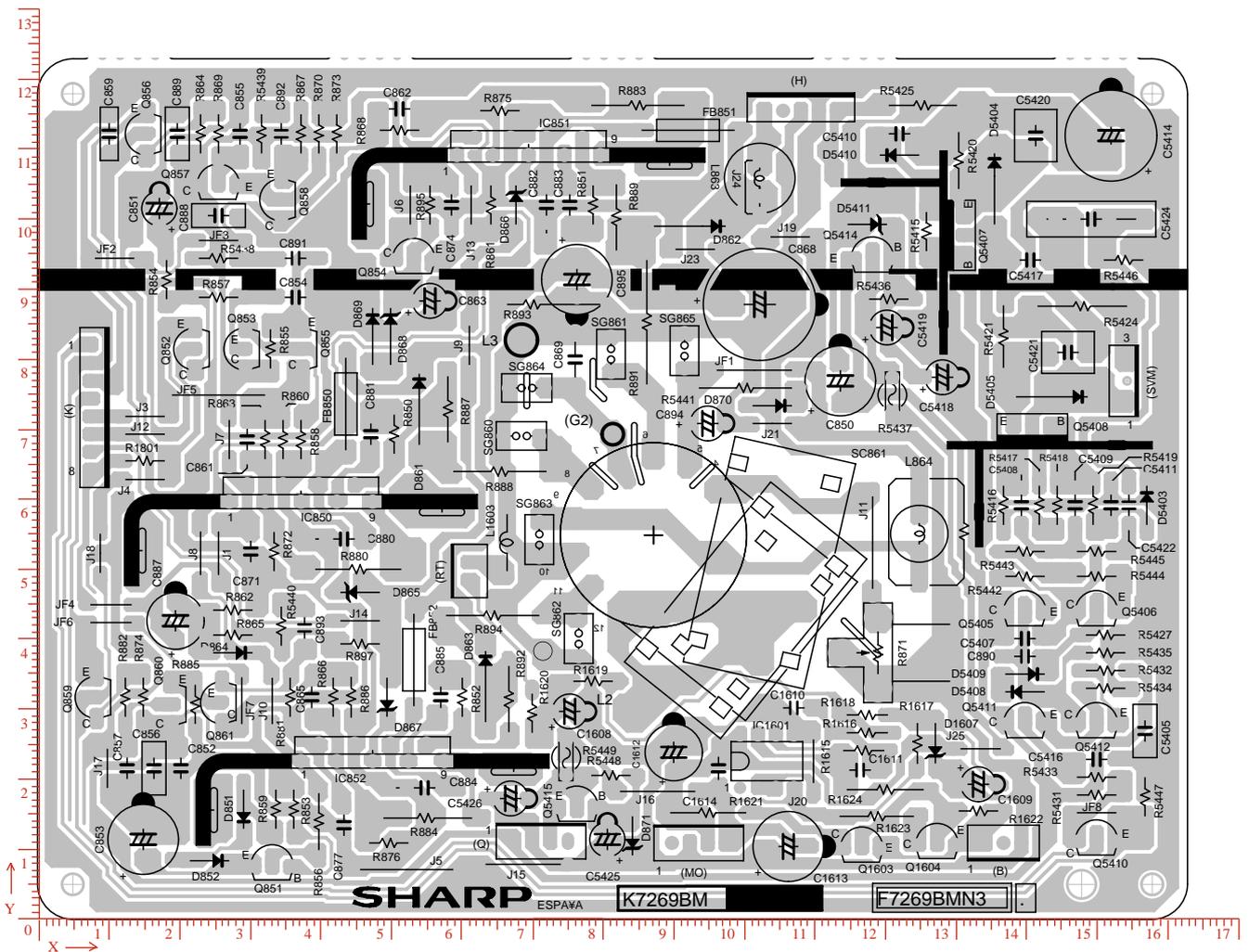
MOTHER UNIT (F7293N7A) PRINTED WIRING BOARD. Copper side.



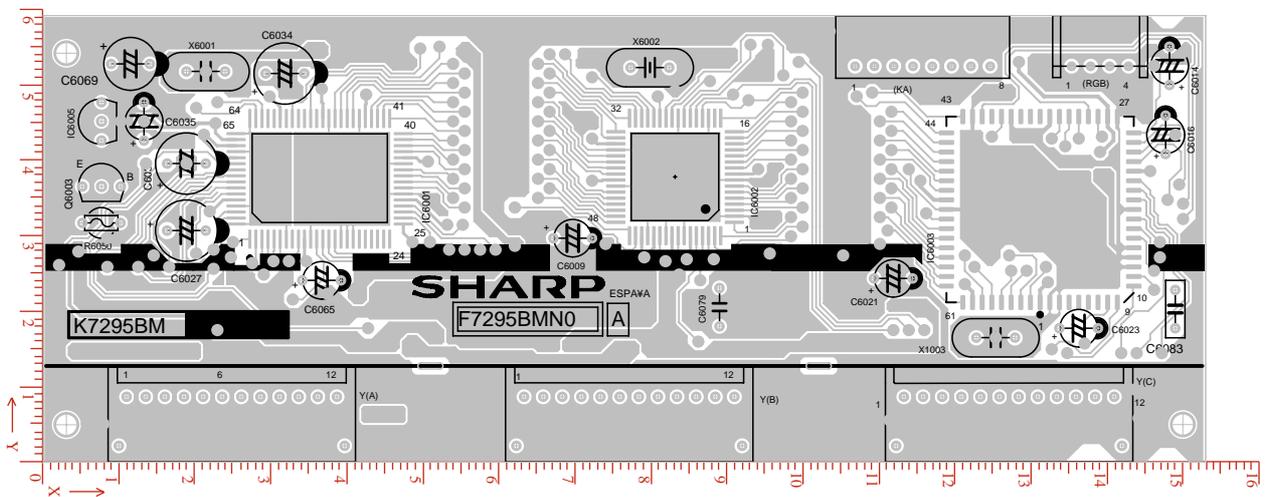
CAUTION THE ACTIVE SECTION IS INDICATED WITH THE Hatched SECTION

Page 14

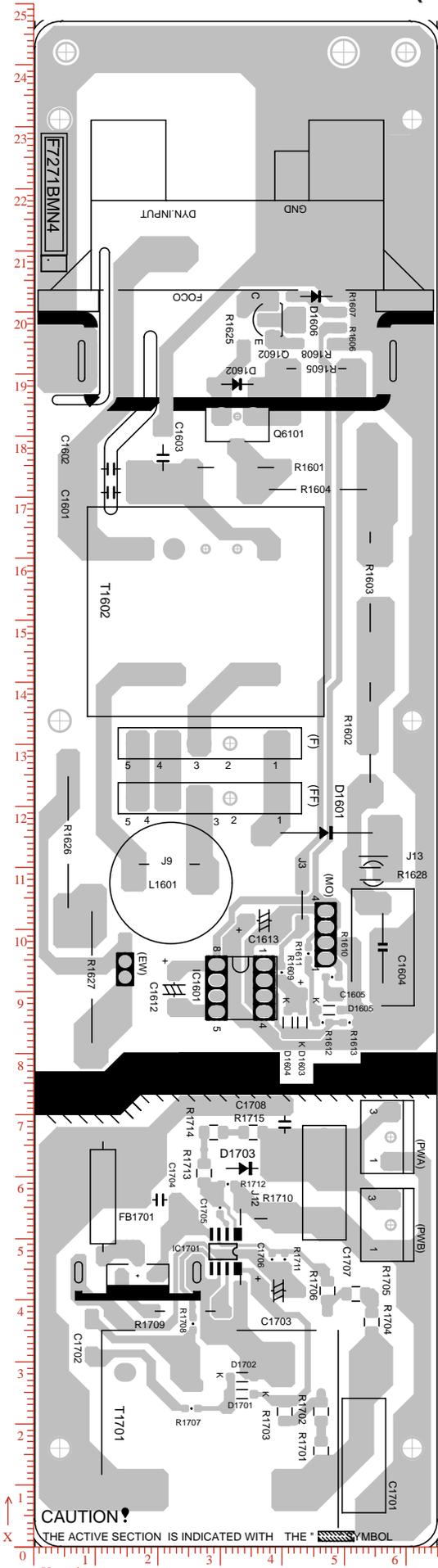
CRT MODULE UNIT PRINTED WIRING BOARD (F7269N3). Component side.



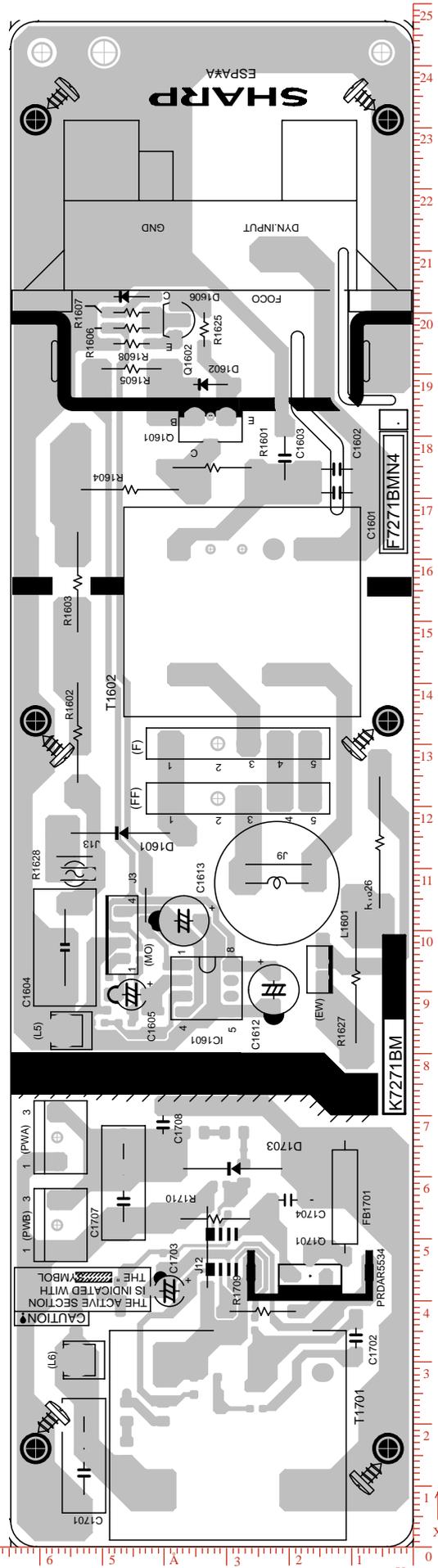
DIGITAL MODULE UNIT PRINTED WIRING BOARD (F7295NOA). Component side.



DYNAMIC FOCUS AND PFC (F7271N4) UNIT PRINTED WIRING BOARDS.



Copper Side



Component Side

MOTHER UNIT (F7293N7A) PWB COMPONENT LOCATION TABLES.

Component Side.

Ref No	Xum	Yum															
(A)	19558	182118	C220	292608	84328	C611	102616	33274	D1815	158242	179070	IC302	288544	212852	J162	262127	103886
(AA)	20066	207010	C228	310896	61722	C611A	100330	35052	D510	186944	104394	IC304	246888	227838	J163	267462	102870
(AV)	166649	12496	C229	291338	51816	C613	147066	68072	D516	120396	23368	IC305	291338	129794	J164	269748	100584
(AV).	142494	34620	C305	255016	120904	C615	168656	79502	D603	98806	58674	IC501	159258	133350	J165	272542	100584
(CC)	227076	223774	C306	249174	120142	C616	141224	129286	D604	103378	42164	IC701	82804	209550	J166	274828	100584
(CV1)	277114	26670	C311	272034	114554	C618	81280	33274	D605	99314	59944	IC703	107188	204470	J167	277622	100584
(CW)	8636	157734	C313	279146	116078	C619	139192	51054	D606	125984	93218	IC704	107188	212344	J168	279908	100584
(EW)	121920	22860	C314	283972	113030	C620	137414	58928	D608	66802	30226	IC705	77470	156464	J169	297180	109220
(F)	104902	72898	C315	289560	116840	C631	118618	81026	D609	91440	11938	IC706	89408	159512	J17	89408	202946
(FV)	264668	36322	C322	290322	109982	C632	100076	7620	D610	140208	92964	IC801	236728	85090	J170	318008	107442
(FV).	204216	222504	C323	294386	109982	C634	78486	45974	D611	99568	104394	J10	96774	216916	J171	93218	90170
(G)	63754	194310	C324	299974	109220	C637	69850	30226	D612	88646	90932	J100	100838	138684	J172	131572	93218
(G2)	181864	167894	C325	304038	109220	C638	94234	9652	D613	128016	60706	J101	140462	133858	J173	134112	93218
(H)	143764	109728	C326	301752	116586	C641	87122	33274	D621	102616	95504	J106	203962	144018	J174	155194	91948
(H).	158242	204216	C329	307848	114046	C642	84582	39370	D622	188976	91694	J113	216916	128524	J175	157480	91948
(HD)	235204	222758	C332	299974	144526	C644	178816	91440	D623	166878	63754	J114	219202	128524	J176	159766	91948
(K)	222504	71628	C341	234696	218440	C648	78740	22352	D701	13462	175514	J115	221488	128524	J177	162052	91948
(K).	130048	180848	C342	258572	114554	C651	113284	60706	D702	14478	167640	J116	233172	145796	J178	166624	91948
(L2)	314960	6858	C343	264668	114808	C652	104648	42164	D703	48006	162560	J117	242316	193548	J179	171704	91948
(L3)	172466	203708	C351	273812	220980	C701	37338	215138	D704	37592	166878	J118	235966	136144	J180	178308	97282
(L6)	24892	168656	C352	267716	220472	C702	62738	189484	D707	62738	185166	J119	235966	134112	J183	186690	91440
(MO)	134874	18542	C353	292100	237998	C703	10922	172212	D708	64770	198628	J12	230124	214630	J185	191262	91440
(PW)	9652	137414	C356	258318	230632	C704	48768	170942	D711	54610	142240	J120	257810	136906	J187	205740	103378
(RGB).	236474	18542	C358	272288	230378	C705	24892	122428	D712	25908	136906	J121	256413	144526	J189	312166	98044
(RT)	257606	188163	C361	314198	228854	C706	76454	223520	D714	117856	142494	J122	256413	142240	J190	182372	83566
(S)	319786	221996	C362	267716	232156	C707	98806	230632	D716	64516	153670	J127	276352	129794	J191	211836	89154
(SA)	316230	161798	C363	305054	228600	C710	33782	158496	D718	96012	160274	J128	307340	129794	J192	211836	86614
(SB)	316230	188976	C365	266954	208280	C711	45466	145796	D719	97536	139954	J129	314198	129794	J193	211836	84074
(SC)	258318	128524	C368	289306	219456	C713	35814	146304	D720	110490	120904	J13	230124	212344	J194	211836	81534
(SS)	178308	233680	C370	300228	197358	C714	33274	106680	D722	100838	121412	J130	318262	131063	J199	248920	83312
(STB1)	255473	153466	C372	272034	213360	C718	118872	193040	D731	8636	213614	J131	320802	131063	J201	257810	84328
(STB2)	97790	204470	C373	300482	219456	C719	123952	210566	D734	27940	214376	J133	118364	128270	J203	276098	83312
(STB3)	244348	143510	C376	316738	212090	C720	124206	111506	D735	118872	124714	J134	118364	121412	J206	289306	93980
(VS)	216916	212852	C377	317500	205486	C721	116332	166624	D803	188976	61722	J136	182880	124968	J207	77978	71374
AV	249428	33274	C378	305816	213614	C723	146304	149606	F701	35306	192024	J137	183388	122428	J208	139446	80010
C1	24892	122428	C381	258318	235458	C724	90678	209296	F702	169926	212344	J138	194056	127000	J209	139446	77470
C1001	271272	148082	C382	294640	197358	C739	87376	198120	FB1	35306	52832	J139	198628	132588	J210	139446	74930
C1027	233426	200152	C415	211074	22606	C745	63754	198628	FB1002	117602	227076	J14	230124	210058	J211	166116	73406
C1031	303784	153416	C422	266446	25654	C746	37846	173990	FB301	183642	37338	J140	235966	132080	J212	182372	78486
C1032	243078	199644	C426	278384	19050	C770	101092	186944	FB302	204978	20574	J141	236982	128524	J214	193548	70866
C1807	142748	199136	C430	171704	222504	C802	205232	72390	FB303	253492	24638	J142	236982	126238	J216	231648	80010
C1811	157480	190500	C431	181356	222504	C804	218694	66548	FB501	148590	125730	J143	236982	123952	J221	271272	72136
C1812	167640	182880	C433	256794	33528	C812	246634	72390	FB601	110490	58674	J144	236982	121666	J222	271272	70104
C1814	188976	166116	C437	274828	42926	C815	229616	97790	FB603	104521	86106	J145	268986	127762	J223	270256	79756
C1823	134366	199136	C501	159766	145796	C818	252476	69596	FB701	10414	107442	J146	281432	126492	J224	280416	54864
C1824	155956	182880	C504	143002	115824	C820	282194	75946	FB702	50038	142240	J147	283972	126492	J225	318516	71628
C1825	157988	198374	C509	133350	124714	C821	287274	34290	FB703	93980	124206	J150	205740	107950	J228	188976	59690
C1826	169672	198374	C511	167132	141478	C822	258572	69088	FB704	99822	108712	J151	220980	105156	J230	188976	57658
C204	317246	45720	C514	174498	69596	C825	227584	66548	FB705	110490	147828	J152	232410	108204	J231	190754	67056
C205	317500	51562	C520	179832	107188	CF202	313944	85090	IC1002	287020	176530	J153	236982	119380	J232	190754	64516
C206	307340	81026	C524	176784	141478	CF701	96266	220218	IC1005	286512	157988	J154	236982	117094	J234	203200	57404
C209	317500	39116	C526	154686	76581	CN3	232994	241985	IC1008	118110	239471	J155	236982	114808	J236	215392	56388
C210	313436	107696	C528	133604	46736	D1001	130301	229997	IC1801	148082	182118	J156	236220	111760	J24	232664	206502
C211	301752	82042	C536	178816	148590	D1002	142290	229997	IC203	294640	33528	J157	289306	98806	J241	271272	68072
C215	292608	24638	C601	100330	49784	D1809	173736	189484	IC2401	214122	180594	J159	248412	105156	J242	271272	66040
C218	293624	9906	C607	73914	91440	D1813	158496	175514	IC2402	214376	197612	J160	257556	103886	J243	269367	62738
C219	314452	79502	C610	121920	53340	D1814	158242	172466	IC301	287274	230378	J161	259842	103886	J246	188976	53340

MOTHER UNIT (F7293N7A) PWB COMPONENT LOCATION TABLES.

Component Side.

Ref No	Xum	Yum															
J248	189230	44958	J366	113284	20066	JF32	203962	129286	L2401	203962	152400	R1832	168402	170180	R641	129032	93218
J249	203200	55118	J367	295910	126492	JF33	206502	129286	L2402	203962	149352	R1833	158242	169164	R643	135890	117348
J250	205486	37846	J368	264922	126492	JF34	209042	129286	L301	288036	142240	R1834	173482	170180	R651	69850	17018
J251	215392	54102	J39	242316	195834	JF35	211582	129286	L315	253746	210566	R1835	158242	163068	R703	20574	234950
J252	220218	37338	J4	84074	215138	JF40	178562	115316	L316	253746	205486	R1836	191008	158750	R713	14224	107950
J253	240284	50800	J40	243840	191262	JF48	128016	124460	L317	265938	240792	R229	224028	124460	R714	36576	105918
J255	240284	48514	J401	216458	237998	JF50	89916	23114	L318	192786	223012	R230	232664	104902	R715	21590	157480
J260	269494	32258	J41	243840	188976	JF51	102870	26670	L350	257556	219456	R231	289306	42418	R716	25908	139446
J265	194310	32765	J42	243840	184404	JF53	53594	211836	L351	257556	215392	R232	316738	25908	R721	20574	229870
J266	196850	32765	J43	260857	191516	JF54	66802	211836	L352	303530	237744	R233	316738	23368	R723	64008	157226
J269	241554	41656	J44	266192	191770	JF55	113792	93218	L353	312674	219710	R234	313944	14478	R727	133858	144526
J27	253492	208026	J45	268478	191770	JF56	87884	75692	L501	163322	116586	R306	308610	148590	R728	114808	176784
J270	241554	39116	J46	270764	191770	JF57	84328	73152	L502	150876	140716	R307	311150	148590	R730	23622	103378
J271	287020	38354	J47	288544	192278	JF6	297942	89154	L503	169164	91948	R315	241808	215138	R741	75184	167132
J274	264414	19558	J48	280924	192278	JF61	31242	237236	L603	123698	33782	R359	310642	210058	R742	96520	174244
J275	290576	19558	J49	283464	192278	JF63	136906	193040	L603A	123698	33782	R408	157226	40386	R763	65024	171450
J278	290322	9906	J5	117602	225806	JF64	136906	190754	L604	81788	13208	R418	240792	34036	R770	74422	191770
J28	241681	186690	J50	286004	192278	JF65	139192	180086	L604A	80772	12700	R419	220980	27432	R771	81280	184912
J280	209550	35814	J6	120142	225806	JF66	133350	162052	L605	100076	18796	R420	230378	36576	R778	20574	240030
J284	14224	139700	J60	217170	175006	JF67	205740	105664	L606	105918	86106	R424	237998	24638	R790	78486	230124
J288	166370	69596	J61	230632	167894	JF73	164846	190754	L609	82296	82042	R425	237998	27432	R791	78486	232664
J297	228600	151892	J62	232664	171704	JF8	68580	6350	L609A	69088	72390	R426	220980	24638	R792	96774	224536
J30	303022	205740	J63	280162	177546	JF9	68580	8890	L611	59436	13462	R436	271018	19304	R814	229768	59436
J300	166370	67056	J64	296418	176530	JL1	141224	19812	L612	117094	12192	R451	202946	37846	R815	203200	59690
J301	312928	32258	J67	64008	162814	JL1.	237998	197612	L701	60172	211658	R455	188976	50546	REF10	53695	-4166
J303	252984	101346	J68	64008	160274	JL10	292608	145796	L701A1	59182	212852	R464	257048	44704	REF1A	127000	164592
J304	253746	161544	J69	92202	163322	JL10.	202946	63754	L702	48768	184912	R501	176022	100838	REF4	238252	166878
J305	307848	193294	J71	214630	160528	JL11	209804	154940	L703	41656	188468	R503	153924	115824	S701	20497	247015
J306	64262	18288	J72	230632	163322	JL11.	250291	157911	L705	122936	148082	R508	182880	130048	S702	48514	238201
J307	272034	85598	J74	231394	160274	JL11..	236880	160274	L801	204978	66548	R518	160782	103124	S703	60502	238201
J309	257810	86614	J75	230632	165608	JL12	215900	33274	L803	218440	105156	R519	182372	81026	S704	72517	238201
J31	305562	193294	J78	267970	162814	JL12,	262382	68072	L804	223520	105156	R526	186944	136652	S705	84505	238201
J311	230886	138684	J79	270510	162814	JL12.,	268224	68072	LP701	38506	235991	R530	184150	91440	SF201	294894	72644
J312	196088	139446	J8	235712	227330	JL12.	277876	57404	M1000	98501	240461	R533	164338	91948	SF202	290322	72644
J314	282194	59944	J80	273050	162814	JL14	247142	64262	POR701	62738	179578	R534	182880	127508	SF203	296672	61468
J316	143256	91948	J81	275590	162814	JL14.	150622	37084	Q2	71120	56134	R536	136652	34798	T601	33655	51003
J317	94742	195326	J82	278130	162814	JL17	130555	119634	Q502	188722	113284	R541	205232	110490	T701	74599	127635
J318	214630	128524	J83	305562	179324	JL17.	185420	115824	Q601	71120	56134	R550	189484	136652	TH201	304495	5486
J319	210540	79248	J85	136398	144526	JL18	255574	162585	Q602	97282	100330	R553	142494	121920	X1002	245999	154940
J32	310134	193294	J86	139192	144526	JL19	319786	11176	Q605	90170	79248	R563	168148	105156	X2401	217678	153924
J320	103378	138684	J87	183134	145542	JL2	263906	188976	Q701	45720	128016	R603	148336	91948	X301	314706	115824
J321	101600	108712	J88	203962	146558	JL2.	168656	60198	Q701A1	45720	128016	R606	79248	99314	X801	240538	68326
J322	188976	48006	J9	235712	225044	JL2..	234950	62484	Q711	151384	220726	R608	145796	91948			
J323	240284	45466	J90	221996	145034	JL26	256540	60706	Q718	152146	226822	R609	136906	82804			
J326	133858	107188	J91	217170	145034	JL27	245110	59436	Q912	129794	199644	R610	128778	45974			
J33	114300	183896	J92	233426	155194	JL28	258064	62484	R1008	219456	145034	R611	118364	16510			
J331	257048	42164	J93	237236	148082	JL31	179705	59436	R1018	261873	150368	R611A	117602	15748			
J343	222504	59182	J94	233172	141224	JL31.	175514	86614	R1022	261873	147320	R612	84074	75692			
J344	64516	232664	J95	233426	157734	JL40	225552	110490	R1027	232664	204216	R613	131063	60198			
J347	227838	36576	J99	114808	179832	JL40.	156210	223520	R1036	129794	220980	R614	72644	23876			
J348	225298	36576	JF1	82042	85090	JL6	262890	224790	R1047	275590	191770	R616	151130	92710			
J349	222758	36576	JF10	135636	77470	JL6.	271018	141732	R1050	278130	191770	R617	82042	94234			
J357	257556	139446	JF14	289229	96266	JL7	239268	163068	R1055	273050	191770	R618	205232	113538			
J358	157988	55118	JF19	309118	98044	JL7.	200152	63754	R1058	248920	132334	R619	125476	131826			
J359	171958	131826	JF28	131318	143510	L1801	167386	191262	R1059	251460	132029	R620	224282	144272			
J362	157734	200914	JF29	54102	174752	L201	313944	88900	R1801	132080	169418	R623	122428	93218			
J363	142494	205486	JF31	214630	145034	L203	289179	16764	R1831	158242	166116	R628	141986	104140			

MOTHER UNIT (F7293N7A) PWB COMPONENT LOCATION TABLES.

Copper Side.

Ref No	Xum	Yum															
C1002	275590	143510	C2407	217170	185420	C419	256286	16764	C639	96012	81026	D204	314960	56134	D715	69088	149352
C1005	262890	163626	C2408	211074	208026	C420	256286	25146	C640	92456	77216	D205	317246	99314	D721	138684	144526
C1014	299212	174625	C2409	213106	116586	C421	249174	25146	C643	217932	167640	D2401	215138	181864	D724	138938	238760
C1015	120396	230000	C309	272542	135382	C427	270256	43434	C645	155448	63754	D2402	210820	173482	D725	148844	238252
C1017	214376	151638	C310	274320	135382	C428	171196	228600	C646	154686	58928	D2403	210820	168910	D726	84328	146304
C1018	247345	192379	C312	274066	123444	C429	177800	229870	C653	90678	101092	D2404	210820	171196	D727	70866	131826
C1019	242062	150876	C316	279400	123444	C432	265176	34036	C712	44958	118618	D301	310388	201422	D728	72898	165354
C1020	242062	152908	C317	287020	124460	C434	220726	46482	C715	36576	104394	D302	261873	120396	D729	82296	184150
C1021	237286	175056	C318	289306	124460	C435	224282	45720	C716	65531	155702	D303	270256	115062	D730	35814	147828
C1022	243840	156718	C319	250444	230378	C436	226822	45720	C717	66294	159004	D304	259588	120396	D732	82296	200914
C1023	218694	81280	C320	250444	225425	C438	260349	36576	C722	113284	141224	D305	257302	118872	D733	87376	198628
C1024	223774	82296	C321	288290	141732	C439	278384	46482	C725	64516	233934	D401	149860	30480	D801	259842	87122
C1025	219456	84582	C327	299720	124206	C440	277114	50800	C728	81788	205486	D402	157226	32765	D802	257302	87122
C1026	264160	158953	C328	305054	124206	C441	272542	50800	C730	49784	235966	D403	152908	23622	D804	207264	65531
C1028	291922	160477	C330	309626	124206	C442	159766	50800	C731	60452	236220	D404	147066	18796	FB1001	242062	146558
C1029	291846	173482	C331	309880	135890	C443	280924	23622	C732	72644	236220	D405	215392	20066	FB801	237490	65531
C1030	289052	43434	C333	311912	124206	C444	239776	29210	C733	83312	235712	D406	221742	23368	FB802	246634	80264
C1033	262890	165531	C334	313690	118110	C445	236220	30226	C735	118618	144018	D407	241300	22860	IC1001	250190	172212
C1034	242138	179806	C335	318516	118110	C446	220726	27940	C737	73660	167132	D408	235458	22860	IC1003	275844	148844
C1035	238760	179324	C336	232410	237998	C447	247396	62484	C738	33274	149606	D409	229870	25146	IC1004	298958	153162
C1036	254762	189738	C337	234188	237998	C451	229362	221488	C740	118872	169672	D410	223774	18288	IC1006	291338	150876
C1037	268986	180086	C338	250444	236982	C502	162814	133858	C741	120396	144018	D411	232664	13462	IC1007	283464	148844
C1038	302768	181737	C339	250444	227076	C503	163068	126746	C742	124968	149860	D412	206756	37592	IC201	307340	70104
C1039	304292	174244	C340	235712	220726	C505	157226	126492	C743	106172	150114	D413	204216	37592	IC202	302768	97282
C1040	235153	179705	C350	289814	228600	C506	156718	131572	C749	81280	176276	D414	197104	24130	IC401	273558	32258
C1801	134366	165862	C354	284734	231140	C507	165608	132080	C801	213614	77470	D415	166624	25908	IC502	163576	116332
C1805	140208	196850	C357	265684	234188	C508	158242	123952	C803	221742	78486	D416	197866	17780	IC503	161544	79502
C1806	142748	199136	C359	277114	236855	C510	152908	132842	C807	230124	63754	D417	220472	12192	IC702	85344	222504
C1813	164084	202946	C360	297942	239268	C512	193040	102108	C808	233172	65786	D418	278892	40132	IC707	113030	156972
C1815	139446	191770	C364	306070	228600	C513	157988	117856	C809	227838	87884	D419	280924	34036	IC708	74422	173228
C1820	135382	188468	C366	266954	208534	C515	167132	53594	C811	252730	77978	D420	162306	13208	J126	267970	142494
C1821	135128	177038	C367	290830	211074	C516	157988	74168	C813	243840	80264	D421	153416	13208	J2	258064	236474
C1822	136144	165862	C369	289560	214122	C517	158648	70866	C814	242062	80264	D422	168656	32004	J218	234696	71374
C1827	137922	202184	C371	277622	211582	C518	147320	65531	C816	237490	97028	D423	189738	27686	J219	236474	71374
C203	317754	63754	C374	281432	213868	C521	172212	112776	C817	252222	70104	D424	189738	29972	J220	234950	65786
C207	303530	59436	C375	306578	220980	C522	156718	135382	C819	279908	44450	D425	176022	32004	J240	244094	68580
C208	304546	56388	C379	304038	212852	C523	189738	128016	C823	241046	98298	D426	224536	229743	J279	308356	9906
C212	299974	45974	C380	283972	137414	C525	155752	72034	C824	207010	74676	D502	139446	56642	J281	160274	133858
C213	299974	50292	C383	272542	131063	C527	150876	74676	C826	215646	62992	D503	138938	61214	J283	293878	179578
C214	302514	38100	C386	250444	223774	C529	165608	58674	C827	238506	80264	D504	139446	54356	J286	290830	100076
C216	306832	27686	C387	250444	233680	C530	155956	82804	C828	214376	99060	D506	150622	70866	J289	296926	55118
C217	306832	21336	C401	176022	25908	C531	171196	79502	D1003	236474	132080	D507	193167	106172	J294	236982	128778
C221	315468	59690	C402	179070	29972	C532	169418	118364	D1004	269240	151638	D508	184658	106172	J302	234746	172720
C222	307594	59436	C403	184150	36576	C533	172212	52324	D1005	303784	159258	D509	132588	119126	J310	234696	156718
C223	300736	8382	C404	189992	35052	C534	158242	122174	D1006	221742	115570	D515	152654	70866	J313	104394	239522
C224	297434	7366	C405	180086	36576	C535	174193	46786	D1007	253492	109728	D601	175006	75438	J324	247904	69088
C225	296926	13716	C406	185674	29210	C537	142494	69850	D1008	251206	109728	D614	77216	100838	J325	247904	67310
C226	314452	95504	C408	159004	18542	C538	143764	65531	D1009	264795	156006	D615	219710	105156	J332	209296	72136
C227	316230	95504	C409	180086	13716	C539	152400	79756	D1010	286512	161544	D617	229362	101346	J335	238760	128778
C230	289052	55118	C410	177800	18288	C540	162560	107442	D1011	249986	153466	D618	219456	151892	J336	246888	155448
C231	316992	77089	C411	189230	21590	C541	255016	97790	D1012	307594	156972	D619	103632	83566	J338	259715	144145
C2401	217932	165862	C412	188214	17272	C542	214376	101092	D1804	137160	197104	D620	97028	83058	J339	254431	144145
C2402	217932	163830	C413	192532	22606	C606	193294	86106	D1805	132334	200914	D624	29718	73660	J340	93472	200152
C2403	215138	185420	C414	186182	17272	C617	229362	97790	D1810	132080	164846	D625	74676	12446	J341	319278	185420
C2404	219202	176022	C416	250952	13462	C633	97282	98044	D1811	153162	187706	D706	83058	212852	J342	319278	183388
C2405	210058	181864	C417	258064	16764	C635	144018	100584	D1812	145542	198882	D710	93726	211582	J345	209296	229108
C2406	215138	176530	C418	248920	18288	C636	183896	119126	D203	308102	12192	D713	36068	139700	J350	234188	217678

MOTHER UNIT (F7293N7A) PWB COMPONENT LOCATION TABLES.

Copper Side.

Ref No	Xum	Yum															
J351	319532	193040	JF78	310642	177038	Q903	147574	160528	R1809	139700	179578	R248	283464	9652	R409	160782	23622
J352	319024	189484	JF79	233248	177622	Q904	135382	183642	R1810	135128	175260	R249	318262	48514	R410	210312	34798
J353	267462	135890	JF80	234442	87884	Q905	139954	174498	R1811	150876	191262	R251	281686	9652	R411	204978	18034
J354	316992	99822	L1802	153162	187706	Q906	141478	170434	R1812	139446	193548	R252	287020	6350	R412	175768	13716
J355	121412	232156	L202	309372	41656	Q907	133604	191770	R1813	140208	185420	R253	290322	93980	R413	182626	23114
J356	288290	32512	L204	311150	61214	Q908	139446	188722	R1814	136398	192024	R254	294386	49276	R414	185166	13716
J360	233172	212598	L205	307340	48514	Q909	140462	182372	R1815	135382	186690	R255	291338	51562	R415	189230	23622
J361	231394	212598	L601	29972	77470	Q913	146558	198374	R1816	150876	193040	R256	296164	49276	R416	212090	34798
J365	113792	219202	Q1001	227330	191516	R1	84836	157480	R1830	132080	195834	R257	286004	57150	R417	216408	14732
J369	241046	68326	Q1002	126238	234696	R1001	297942	160020	R1837	168148	180848	R258	287274	48006	R421	223774	26924
J370	238252	71374	Q1003	139954	223012	R1002	299720	160020	R1839	165862	202946	R259	313944	88900	R422	236474	26162
J371	238506	83312	Q1004	309118	162814	R1003	229616	212598	R1841	139954	201676	R301	246888	117094	R423	239268	26162
J372	237286	176733	Q1005	237490	150622	R1004	257810	105918	R1842	136144	202184	R302	251460	116840	R427	229616	18288
J51	320802	189484	Q1006	253492	204978	R1005	272542	154940	R1843	150876	195072	R303	251460	121412	R428	246634	13462
J65	299720	170942	Q1007	254203	184785	R1012	117094	237236	R1844	146050	195072	R304	246888	121412	R429	256032	13462
J701	93726	138938	Q201	252730	37084	R1017	116078	217170	R203	256032	37084	R308	250444	235331	R430	254508	25146
J98	268986	146304	Q207	299974	42926	R1019	256108	144145	R204	306578	87630	R309	241300	231140	R431	250952	25146
JF1001	37592	18796	Q208	299974	88138	R1020	257810	144145	R205	315722	82804	R310	250444	232029	R432	258064	25146
JF1002	39370	18796	Q209	286766	9398	R1021	312420	197358	R208	290322	95758	R311	250444	228727	R433	252730	25146
JF1003	41148	18796	Q210	286766	51816	R1023	251460	143764	R209	290322	97536	R312	244221	219710	R434	169418	37338
JF1004	42926	18796	Q2401	216408	116586	R1024	283972	172466	R210	318516	95504	R313	250444	222123	R435	161036	36322
JF1005	44704	18796	Q302	314960	201930	R1025	304292	176530	R211	297688	100838	R314	245110	216662	R437	267970	45466
JF1006	46482	18796	Q303	319278	200406	R1026	240030	198755	R215	320802	95504	R316	235458	225806	R445	271907	39370
JF1007	48260	18796	Q304	306832	200660	R1028	221488	87884	R216	316992	51816	R317	235458	227584	R447	169418	225806
JF1008	50038	18796	Q305	257810	224790	R1029	210058	166878	R217	311404	81788	R318	276606	111252	R448	181102	223520
JF11	285750	23876	Q306	259080	216408	R1030	211328	176784	R218	315976	15748	R319	261619	116586	R449	265684	39370
JF12	280924	28194	Q403	264668	45466	R1031	209042	176784	R219	309372	38608	R320	265176	114554	R450	167386	37338
JF15	104140	83566	Q404	164338	37592	R1032	236982	134620	R220	310388	52832	R321	302006	106426	R452	201930	38862
JF16	103886	88392	Q405	172974	37338	R1033	236982	156718	R225	295910	45720	R322	306070	106172	R453	170180	23876
JF2	300990	32512	Q406	201422	28194	R1035	233426	191262	R226	294894	55118	R323	292354	106680	R454	212598	41402
JF20	211074	226060	Q408	284988	29718	R1037	136906	223012	R227	299974	52070	R350	255016	216662	R456	200406	42926
JF21	207518	226060	Q501	176022	69596	R1038	139700	233426	R228	299974	48514	R351	257556	227838	R457	170180	25654
JF22	209296	226060	Q503	182118	80518	R1039	144780	233426	R235	308356	17526	R352	280416	232156	R458	285750	21844
JF24	108458	99466	Q505	192532	123698	R1040	130301	233426	R236	308356	14224	R353	292354	240538	R459	279908	18542
JF3	300990	30480	Q506	147828	60960	R1041	241300	160274	R237	304800	83312	R354	254254	212090	R460	204978	20574
JF30	212598	147320	Q507	188214	119126	R1042	252984	189738	R238	304800	87630	R355	256540	212090	R461	285750	25908
JF37	275082	37592	Q603	108458	100838	R1043	260984	186258	R239	237236	111506	R356	284988	214376	R462	214630	14732
JF38	216408	45212	Q604	102616	97282	R1044	296164	160020	R240	313944	48514	R357	310388	217678	R463	254000	40132
JF39	212852	45466	Q606	183896	122174	R1045	265684	183388	R2401	219202	185420	R358	318770	208280	R465	279146	38100
JF4	308356	44450	Q607	275336	180848	R1046	262255	167436	R2402	211836	164592	R360	308356	204724	R466	282702	23622
JF41	186690	104140	Q608	218948	157226	R1048	114046	199898	R2403	217170	113538	R361	319278	203454	R467	278892	40386
JF44	237490	65531	Q702	27432	138684	R1049	263398	183388	R2404	211328	116586	R362	257556	221742	R468	287274	39116
JF46	143002	222758	Q703	28448	144780	R1051	287020	43434	R2405	210058	179832	R363	257556	219964	R469	251206	32512
JF47	132842	226568	Q708	68580	229362	R1052	291084	43434	R2406	211836	162814	R372	297942	194818	R470	256540	66548
JF5	294894	64770	Q709	74168	206248	R1053	260553	189865	R2407	229870	143510	R373	251206	211328	R472	223266	227330
JF52	319532	194818	Q710	155702	232918	R1054	231648	147574	R2408	219202	180594	R374	271780	213614	R502	165862	107950
JF60	283616	29718	Q712	149352	231902	R1056	303784	163144	R2409	210058	157734	R375	269494	232410	R504	182626	111760
JF62	152908	185166	Q714	91186	231394	R1057	257810	184353	R241	300736	10160	R376	280416	142494	R505	190246	110744
JF68	214376	97282	Q715	81280	191008	R1060	233426	189230	R2410	200914	152146	R377	261873	233172	R506	190500	106172
JF69	236220	87884	Q717	90424	189992	R1061	218440	146304	R2411	202692	152146	R378	297434	199898	R507	193040	98552
JF7	302006	124206	Q801	201676	76200	R1802	138176	165862	R2412	204470	152146	R401	147320	26670	R509	159766	145542
JF70	237998	87884	Q802	234442	54356	R1803	141732	162560	R242	296672	10414	R402	159258	36322	R510	163068	124968
JF71	232664	87884	Q803	236474	59182	R1804	139954	165862	R243	287020	12446	R403	172974	30480	R511	163068	123190
JF74	246126	72390	Q804	218948	62484	R1805	143002	159512	R244	287020	14224	R404	182118	36576	R512	167132	110998
JF75	233248	179705	Q805	212344	62738	R1806	146558	184404	R245	291338	40386	R405	189992	33274	R513	157988	119634
JF76	304800	170815	Q901	134620	172212	R1807	139700	177800	R246	319278	56896	R406	186182	36576	R514	193294	128016
JF77	311150	172720	Q902	143764	165862	R1808	138430	170434	R247	310642	77470	R407	146812	14478	R515	175006	125476

**MOTHER UNIT (F7293N7A) PWB
COMPONENT LOCATION TABLES.**

Copper Side.

Ref No	Xum	Yum	Ref No	Xum	Yum
R516	167894	107950	R732	81788	207264
R517	193040	100330	R733	75946	217932
R520	154940	75692	R735	72136	225806
R521	178308	72644	R736	75184	210566
R522	169164	53594	R737	61468	232664
R524	150622	65531	R738	67564	232664
R525	143510	61214	R739	75692	212852
R527	148590	71374	R740	83058	214884
R528	191516	119126	R743	122936	172466
R532	171704	77470	R744	97028	161036
R535	174244	120650	R745	87884	153670
R537	155956	79756	R746	87884	151892
R538	154178	79756	R747	129032	149098
R539	143510	115062	R748	118364	164338
R540	157226	102108	R749	83566	151892
R542	246380	87884	R750	94488	158750
R544	168402	123190	R751	144018	237744
R545	169164	113030	R752	158496	220472
R547	191262	116078	R754	145034	220726
R548	191516	128016	R755	145796	237744
R549	169164	114808	R758	148082	223012
R551	171196	118364	R762	71120	137922
R552	168656	56896	R765	100330	161036
R554	186436	142748	R766	99822	165608
R555	146050	69850	R767	93218	235966
R556	145542	65531	R768	70358	144780
R557	144272	69850	R769	58166	183134
R558	141986	65531	R774	72898	180848
R559	146812	73914	R775	81026	181102
R560	157734	79756	R776	92456	193294
R561	162560	110998	R777	77978	202184
R562	162560	109220	R787	71882	229362
R601	104140	100838	R788	86614	231648
R605	136906	100838	R789	86614	233426
R607	141986	103378	R801	204470	71882
R615	117094	12446	R802	228854	69850
R622	244094	87884	R803	223774	87884
R625	29972	80772	R804	225806	87884
R626	271145	178866	R805	229616	87884
R627	24384	79248	R806	240284	80264
R634	103378	94234	R807	244856	99568
R642	131318	107442	R808	217170	105156
R644	217932	169418	R809	203200	67310
R646	156464	58928	R810	198628	73152
R647	158496	63246	R811	231140	54356
R648	159512	61468	R812	243586	64516
R706	105410	145542	R813	240030	62484
R707	116332	169672	R816	211074	59690
R708	77978	206248	R817	214376	58674
R711	95250	203708	R818	207518	61722
R712	93980	206756	T702	56896	173228
R717	39370	129032			
R718	22606	106680			
R719	33274	142748			
R720	27432	135636			
R722	66802	150114			
R724	84963	157480			

**DINAMIC FOCUS AND PFC
UNIT (F7271N4) PWB
COMPONENT LOCATION
TABLES:**

Component side: Copper side:

Ref No	Xum	Yum	Ref No	Xum	Yum
(EW)	93472	14478	C1705	54864	29718
(F)	130048	38862	C1706	46482	38100
(FF)	121158	38862	D1603	84836	42926
(L5)	83566	56134	D1604	84836	40640
(L6)	30226	54102	D1605	86868	47244
(MO)	99060	46736	D1701	24638	33274
(PWA)	66294	57150	D1702	27432	33274
(PWB)	52070	57150	IC1701	47752	30226
C1601	170688	12192	R1609	92964	39624
C1602	174498	12192	R1610	92202	47752
C1603	176276	20574	R1611	96012	43942
C1604	97028	55880	R1612	84836	46228
C1605	89408	45212	R1613	84836	50546
C1612	90170	22352	R1701	15494	45974
C1613	101346	36830	R1702	21844	45974
C1701	14732	52832	R1703	21844	40132
C1702	33782	9144	R1704	36322	54102
C1703	41402	39116	R1705	40894	51562
C1704	56134	20066	R1706	41402	46990
C1707	58928	46482	R1707	22352	25146
C1708	68326	40132	R1708	36068	25400
D1601	115570	46990	R1711	46482	40132
D1602	188214	32512	R1712	58674	30988
D1606	202438	45212	R1713	60452	27178
D1703	61214	28956	R1714	67056	28702
FB1701	56642	10922	R1715	67056	35052
FOCO	213995	32512			
IC1601	90424	33020			
J12	48514	33020			
J13	111760	54356			
J3	103886	42926			
J9	110490	21590			
L1601	107442	21844			
PRDAR5534	40894	16510			
Q1601	183007	32512			
Q1602	198628	38100			
Q1701	43840	16510			
R1601	174752	32258			
R1602	131826	53848			
R1603	156210	53848			
R1604	171196	45466			
R1605	190754	45212			
R1606	197332	45212			
R1607	199872	45212			
R1608	194818	45212			
R1625	197104	33528			
R1626	114046	5334			
R1627	92202	9144			
R1628	108966	54356			
R1709	38100	24130			
R1710	53086	31750			
T1602	151384	27432			
T1701	18034	29718			

**POWER / AV UNIT
(F7342N1A) PWB
LOCATION TABLES**

Component side:

Ref No	Xum	Yum
(A)	111252	14732
(AA)	120650	15240
(CC)	68072	30480
(FV)	51816	30480
(H)	231394	18034
(HD)	12700	30480
(RC)	99060	33020
(SS)	33020	30480
(SW1)	99060	48260
(SW2)	99060	40640
C6336	11430	53086
C6337	11430	56642
C6428	28448	57658
C6429	39370	57658
C6701	187198	42164
C6702	100076	57658
C6703	112014	57658
C6704	123952	57658
C6705	136144	57658
C6746	131318	22860
CN4	11506	72999
F6701	208534	9906
IC6701	151003	65989
J401	72491	72999
JF1	53848	53340
JF2	56642	53340
JF3	59690	53340
L6317	7874	41402
L6318	33020	41402
L6701	152069	21818
L6701.	150876	20828
LP6701	177012	68986
R6316	11176	41402
R6317	14478	41402
R6449	64770	50800
R6701	168402	50038
R6702	177038	44704
S6701	207010	69291
S6702	99999	62992
S6703	111988	62992
S6704	124002	62992
S6705	135991	62992

Copper side:

No parts

CRT UNIT (F7269N3) PWB COMPONENT LOCATION TABLES:

Component Side.

Ref No	Xum	Yum	Ref No	Xum	Yum									
(B)	136906	10922	C892	34544	112268	JF3	25654	97028	R5432	151384	35560	R893	73152	87884
(MO)	93726	10922	C893	37846	41656	JF4	10414	44958	R5433	150114	20320	R894	64516	43434
(Q)	71374	11176	C894	94996	70866	JF5	25654	74930	R5434	151384	33020	R895	55626	102108
(RT)	61214	49784	C895	76454	91440	JF6	10414	42418	R5435	151384	38100	R897	45720	39370
C1608	75438	29718	D1607	127254	25146	JF7	28956	31242	R5436	120650	88646	REF1	44450	1524
C1609	133350	19304	D5403	157226	59182	JF8	150114	15240	R5437	121158	74930	REF4	8382	-2794
C1610	107188	30226	D5404	135636	104394	L1603	66548	53848	R5438	25654	94488	SC861	87299	54914
C1611	116586	21336	D5405	143764	74676	L5	71628	38354	R5439	31750	112268	SG860	68580	69088
C1612	90170	23876	D5408	139954	32512	L863	102362	105918	R5440	34544	41910	SG861	81280	80772
C1613	106426	10414	D5409	139954	35052	L864	124968	55118	R5441	100330	75946	SG862	76708	40132
C1614	96520	21590	D5410	122174	109220	P5401	154432	76962	R5442	139954	49022	SG863	71120	54279
C5405	156972	26924	D5411	117602	99314	P661	7620	73152	R5443	139954	52578	SG864	69342	75946
C5407	139954	40132	D851	29210	15748	P662	108204	115570	R5444	150114	49022	SG865	91694	81280
C5408	139446	59182	D852	24384	8382	Q1603	116840	10160	R5445	150114	52578			
C5409	147066	59182	D861	54102	72898	Q1604	127508	10668	R5446	153924	94234			
C5410	122174	112268	D862	92456	99060	Q5405	139954	43942	R5447	156972	17526			
C5411	152146	59182	D863	63500	33274	Q5406	150114	43942	R5448	81280	20574			
C5414	152146	112014	D864	27686	38100	Q5407	128905	97790	R5449	74930	23114			
C5416	150114	22860	D865	45720	46736	Q5408	140970	68249	R850	50546	69342			
C5417	140716	94234	D866	67818	102108	Q5410	150114	11176	R851	78740	102108			
C5418	128270	77470	D867	49530	31750	Q5411	139954	27940	R852	60198	31750			
C5419	120396	84582	D868	50038	83312	Q5412	150114	27940	R853	36322	15748			
C5420	141478	112014	D869	47498	83312	Q5414	118364	94488	R854	18288	91440			
C5421	146050	81026	D870	104140	73406	Q5415	76454	16002	R855	33020	81534			
C5422	154686	59182	D871	84328	11938	Q851	33274	7620	R856	39878	13970			
C5424	149352	100076	FB850	43688	73660	Q852	22352	81534	R857	25654	88900			
C5425	80772	11430	FB851	92202	112776	Q853	29464	81534	R858	37338	68580			
C5426	67056	17272	FB852	53340	37084	Q854	53340	94284	R859	33782	15748			
C850	113792	76962	IC1601	103378	22606	Q855	37592	81534	R860	34798	68580			
C851	17272	101600	IC850	37338	60706	Q856	15494	112268	R861	64262	102108			
C852	20320	21590	IC851	69596	110236	Q857	25654	104902	R862	27686	44196			
C853	14986	11430	IC852	47498	23622	Q858	34544	102870	R863	32258	68580			
C854	36576	88900	J1	25654	52324	Q859	8382	31750	R864	23114	112268			
C855	28702	112268	J10	33274	31242	Q860	19050	30734	R865	27686	40640			
C856	16510	21590	J11	118364	53848	Q861	26162	30988	R866	41910	31750			
C857	12700	21590	J12	15240	69342	R1615	117094	24130	R867	37338	112268			
C859	10160	112268	J13	61468	102108	R1616	117602	26670	R868	51308	112776			
C861	29718	68580	J14	45720	42672	R1617	124714	25146	R869	25654	112268			
C862	51308	115824	J15	68834	7874	R1618	117602	29210	R870	39878	112268			
C863	55626	88392	J16	87884	18288	R1619	78740	34036	R871	119126	38100			
C865	38862	31750	J17	9906	21590	R1620	70104	29464	R872	33528	52578			
C868	102362	87884	J18	8890	52324	R1621	94996	15240	R873	42418	112268			
C869	76200	80010	J19	106680	97536	R1622	133350	15494	R874	14986	31750			
C871	30226	52578	J20	109982	22606	R1623	118872	14732	R875	65531	115570			
C874	58674	102108	J21	104140	70866	R1624	120142	18542	R876	49784	10922			
C877	43434	13462	J23	93218	95758	R1801	15240	65531	R880	45466	50038			
C880	43434	54356	J24	102362	104648	R5415	125984	98298	R881	35814	31750			
C881	47244	69342	J25	133604	24384	R5416	136906	59182	R882	12446	31750			
C882	72136	102108	J3	15240	71882	R5417	141986	59182	R883	85090	116332			
C883	75438	102108	J4	15240	62865	R5418	144526	59182	R884	55118	14478			
C884	54864	18796	J5	52324	7112	R5419	149606	59182	R885	22352	30734			
C885	57150	31750	J6	52832	102108	R5420	130555	108458	R886	44450	31750			
C887	19558	42672	J7	27178	68580	R5421	136906	83312	R887	58166	72898			
C888	25654	100584	J8	23114	52324	R5424	148082	87630	R888	65531	64008			
C889	19812	112268	J9	61214	82042	R5425	125476	116332	R889	82042	100330			
C890	139954	37592	JF1	101600	78486	R5427	151384	40640	R891	86360	85344			
C891	36576	94488	JF2	10922	94488	R5431	150114	17780	R892	66802	31496			

Copper Side.

No parts

DIGITAL MODULE UNIT (F7295N0A) PWB COMPONENT LOCATION TABLES

Comp. Side

Copper Side.

Ref No	Xmm	Ymm															
(KA)	115620	52527	C6001	43180	45466	C6061	18542	22860	C6234	119380	49530	Q6025	122428	36068	R6069	87884	12954
(RGB)	138938	52527	C6002	16764	45212	C6062	20320	22860	C6236	10922	5842	Q6026	132334	31242	R6071	37338	14478
C6009	69596	29718	C6004	47244	39878	C6063	29210	14478	C6306	38608	5842	Q6027	23368	14478	R6072	41402	14478
C6014	148082	52578	C6005	16764	43180	C6064	141986	31496	D6001	106172	15748	R6001	10414	18034	R6073	45720	14224
C6016	147574	43434	C6006	38100	47498	C6066	36576	30226	D6002	104394	18542	R6002	14478	18034	R6074	33274	14478
C6021	111760	24384	C6007	38100	45466	C6067	99568	19812	D6003	146304	18542	R6003	6350	18034	R6075	18542	18034
C6023	136144	17780	C6008	25400	34798	C6068	5334	40894	D6004	141986	20066	R6004	27178	14478	R6080	58166	50292
C6027	18796	30734	C6010	48260	35814	C6070	20320	18034	D6005	99568	22098	R6005	142240	48768	R6081	62230	49022
C6030	18796	39624	C6011	74930	37338	C6072	127508	19050	D6006	104140	9144	R6006	131572	51816	R6082	102870	49784
C6034	31750	51562	C6012	79502	30480	C6073	122936	19050	D6007	45720	20066	R6007	129794	48768	R6083	102870	47752
C6035	13208	45212	C6013	90932	42418	C6074	45720	17780	D6008	80264	22352	R6008	58166	47752	R6084	106934	46482
C6065	36576	24130	C6015	141732	45466	C6078	85090	20066	D6010	62738	22352	R6009	62230	46482	R6086	85090	18034
C6069	11430	52832	C6017	141986	41910	C6081	62992	24638	D6013	138684	34036	R6010	62230	43942	R6087	58166	52832
C6079	88900	20574	C6018	140462	48768	C6082	141986	35839	D6014	132588	34290	R6011	58166	45212	R6088	56642	24638
C6083	148844	20320	C6019	138684	48768	C6084	43942	31750	D6015	132588	36322	R6012	58166	35052	R6089	136652	34544
CR5	5842	-3023	C6020	133350	48768	C6085	43942	29718	FB6205	104140	5334	R6013	58166	42672	R6090	99568	24638
IC6002	83058	37846	C6022	117856	36576	C6109	62992	20320	FB6206	83312	12700	R6014	62230	41402	R6092	102870	45212
IC6003	131063	33528	C6024	136144	19304	C6110	68834	24638	FB6207	97028	5334	R6015	58166	40132	R6095	62230	51562
IC6005	7620	45212	C6025	16764	47244	C6201	21082	5842	FB6208	73152	13208	R6016	62230	38862	R6096	51308	20574
Q6003	7620	36576	C6026	48260	33782	C6202	16002	5842	FB6210	118110	13208	R6017	58166	37592	R6097	51308	18542
R6050	7620	31750	C6028	29464	30226	C6203	25908	5842	FB6211	115062	13208	R6018	62230	36322	R6098	51308	22606
REF1	48260	21590	C6029	25400	38608	C6204	30988	5842	FB6212	112014	13208	R6019	58166	33020	R6099	51308	24638
X1003	125222	16510	C6031	18796	49276	C6205	33528	5842	IC6001	36322	37592	R6020	106934	43942	R6100	56642	22606
X6001	21336	51816	C6032	26416	49276	C6206	65786	5842	IC6006	93218	20574	R6021	102870	42672	R6101	62992	18288
X6002	79756	52324	C6033	31750	50038	C6207	68326	5842	JF1	34290	37592	R6022	106934	41402	R6102	74930	22352
Y(A)	23495	8686	C6036	26162	44704	C6208	61214	6858	JF2	71882	48514	R6023	102870	40132	R6103	80264	24638
Y(B)	75768	8686	C6037	48260	31750	C6209	70866	5842	JF3	43942	33782	R6024	106934	38862	R6104	74930	24638
Y(C)	125730	8686	C6038	30734	21590	C6211	73152	5842	JF4	132588	36322	R6025	102870	37592	R6105	80264	20066
			C6039	10414	22860	C6212	89408	5842	JF5	145796	35052	R6026	106934	36322	R6106	68834	22352
			C6040	12192	22860	C6213	83312	5842	L6001	46482	51562	R6027	102870	35052	R6107	80264	18034
			C6041	84582	44704	C6214	78232	5842	L6002	31750	55118	R6028	106934	33782	R6117	93726	52070
			C6042	74422	41402	C6215	131572	48768	L6003	47244	46482	R6029	102870	32512	R6118	62230	54102
			C6043	12192	18034	C6216	135128	48768	L6004	73152	33782	R6030	106934	31242	R6123	122682	31242
			C6044	75184	47244	C6217	136906	48768	L6005	108966	20066	R6031	102870	29972	R6124	127508	35814
			C6045	77724	47244	C6218	116586	5588	L6006	125730	40386	R6032	141986	37871	R6125	137414	29718
			C6046	14478	22860	C6219	114554	5588	L6007	136144	23622	R6035	136144	21082	R6126	122682	33020
			C6047	16256	22860	C6220	135890	5588	L6008	56642	5334	R6036	107442	13716	R6127	140970	23368
			C6048	85344	30480	C6221	133350	5588	L6009	40132	51562	R6037	105156	22098	R6128	127508	33020
			C6049	91694	36576	C6222	130809	5588	L6010	16510	34544	R6038	143002	23368	R6129	127508	31242
			C6050	16256	18034	C6223	128270	5588	L6012	37338	19812	R6039	138684	14478	R6130	23368	11176
			C6051	28702	21590	C6224	125730	5588	L6013	56642	8128	R6040	146558	31750	R6307	108966	7874
			C6052	26670	21590	C6225	123190	5588	L6014	57404	10922	R6041	141986	33274			
			C6053	6350	22860	C6226	120650	5588	L6015	57404	13716	R6042	141986	29718			
			C6054	8128	22860	C6227	118618	5588	L6017	50546	46482	R6043	136144	38125			
			C6055	31242	14478	C6228	121920	49530	Q6006	88900	53848	R6048	107442	11684			
			C6056	35306	14478	C6229	124460	49530	Q6008	91694	12954	R6049	105156	24384			
			C6057	8128	18034	C6230	104648	54356	Q6021	45974	23368	R6051	10414	40894			
			C6058	39370	14478	C6231	116840	49530	Q6022	56642	19558	R6052	4064	47752			
			C6059	43688	14224	C6232	108204	55118	Q6023	69088	19050	R6054	11176	52070			
			C6060	22606	22860	C6233	114554	49530	Q6024	74930	19050	R6068	139700	6096			

DESCRIPTION OF SCHEMATIC DIAGRAM

SAFETY NOTE:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

IMPORTANT SAFETY NOTE:

PARTS MARKED WITH « Δ » () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

SERVICE PRECAUTION:

THE AREA ENCLOSED BY THIS LINE (---) IS DIRECTLY CONNECTED WITH AC MAINS VOLTAGE. WHEN SERVICING THE AREA, CONNECT AN ISOLATING TRANSFORMER BETWEEN TV RECEIVER AND AC LINE TO ELIMINATE HAZARD OF ELECTRIC SHOCK.

NOTE:

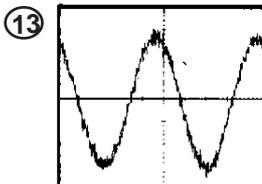
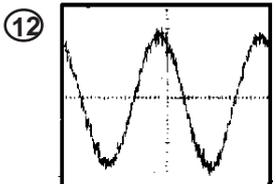
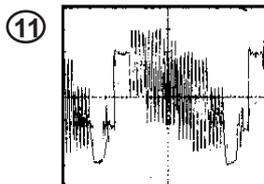
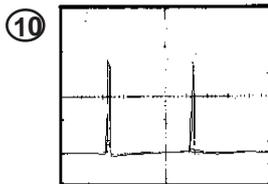
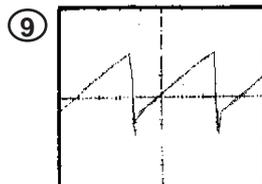
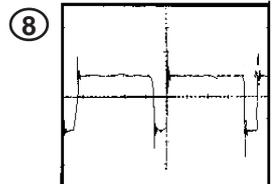
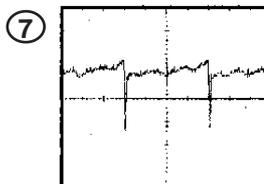
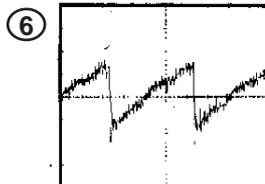
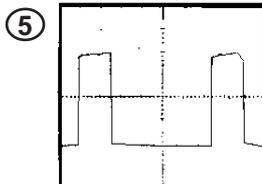
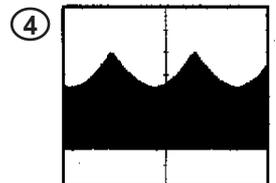
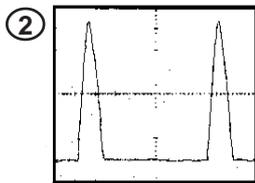
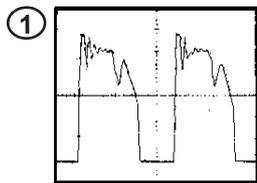
1. The unit of resistance «ohm» is omitted (K=1000 ohms. M= Megaohm).
2. All resistors are 1/8 watt. unless otherwise noted.
3. All capacitors are mF, unless otherwise noted (P= mmF).
4. The capacitor with Part No. RC-FZ9XXXBMNJ is designed to with stand 63V.
5. The capacitor with Part No. RC-FZ4XXXBMNJ is designed to with stand 50V.

CAUTION

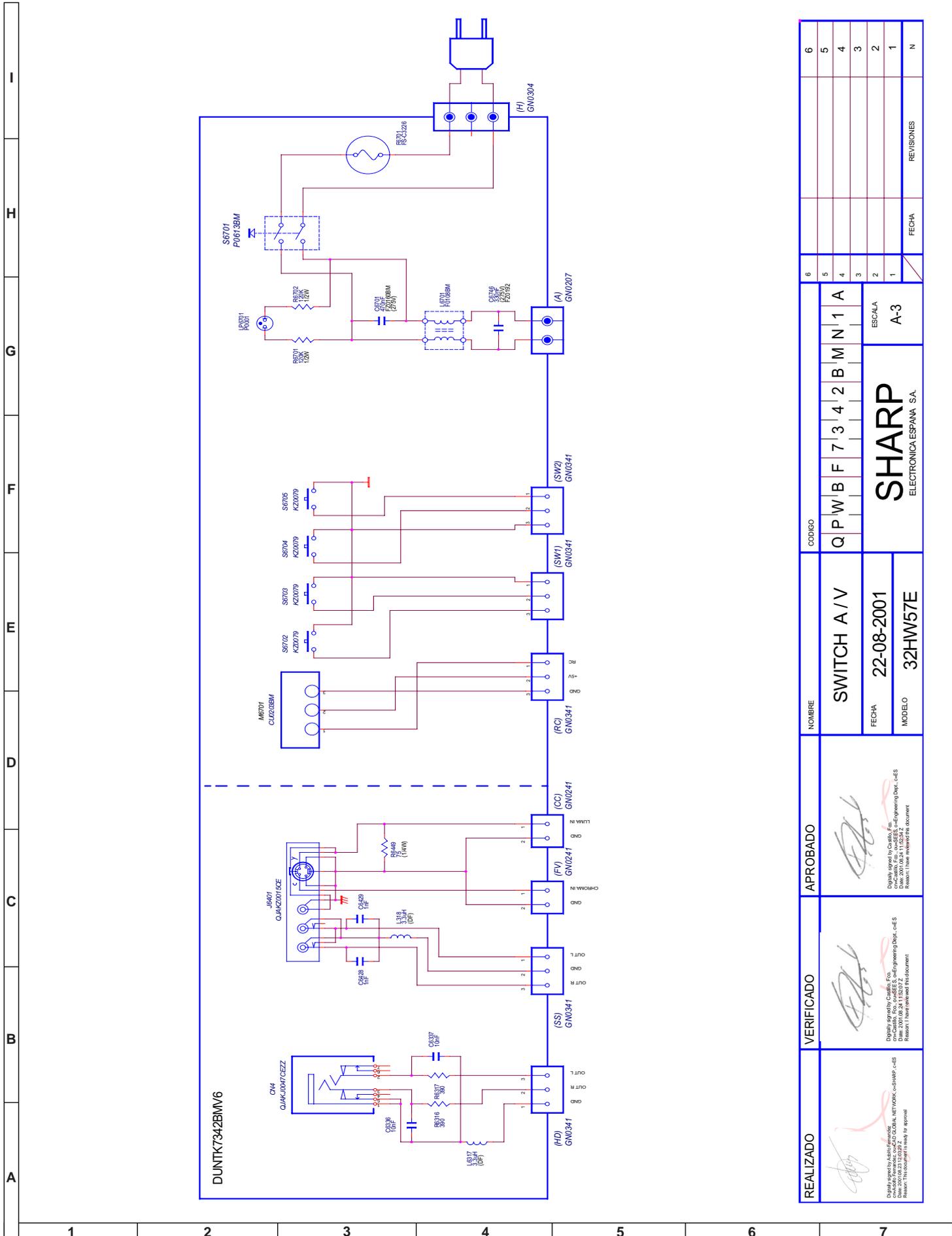
This circuit diagram is original one, therefore there may be light difference from yours.

WAVEFORM MEASUREMENT CONDITION:

Colour bar generator signal of 70 dB from RF input.

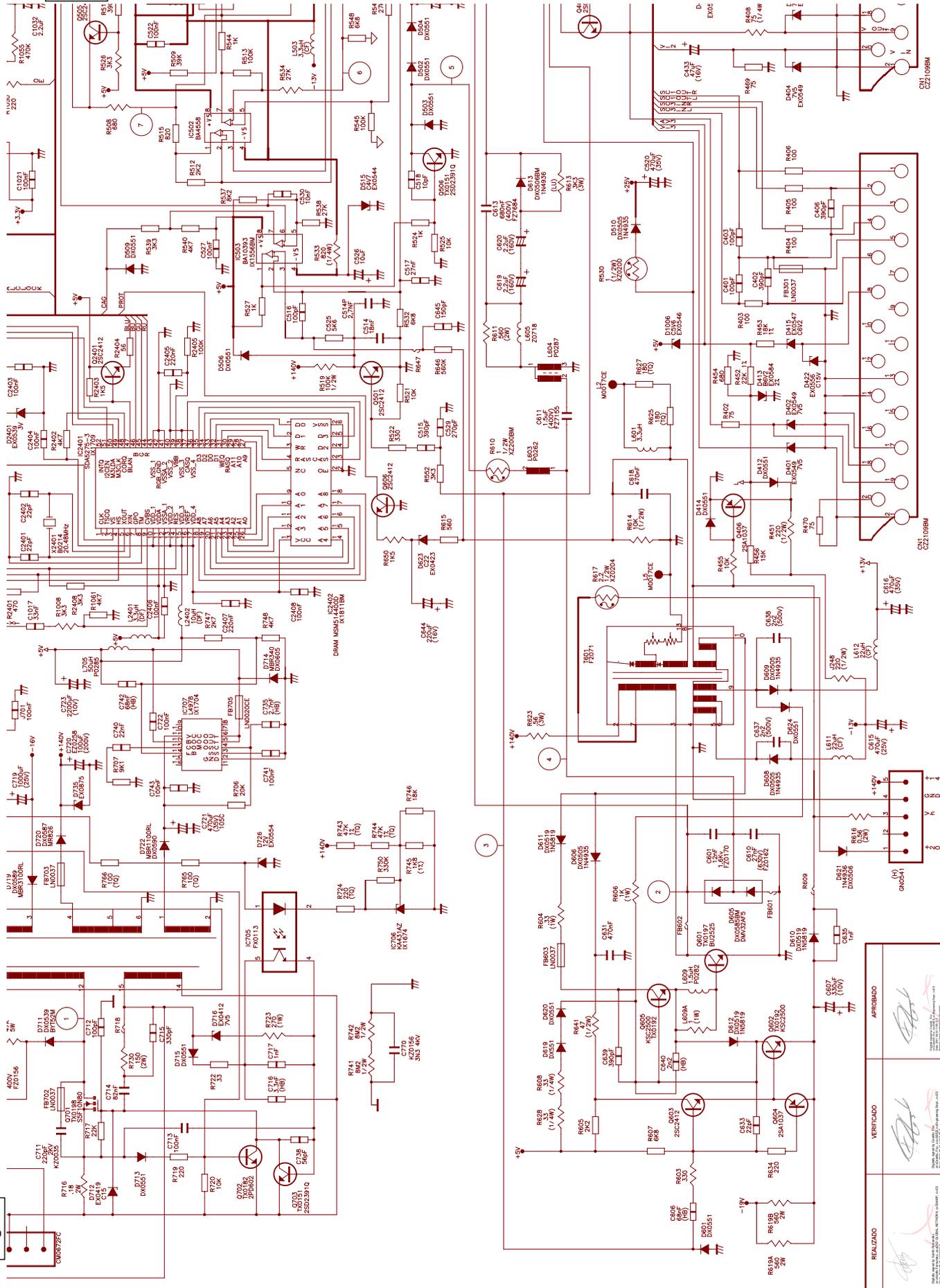


SCHEMATIC DIAGRAM OF POWER SWITCH / AV UNIT (F7342N1A)



REALIZADO		VERIFICADO		APROBADO		NOMBRE		CODIGO		6	
Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		SWITCH A/V		Q P W B F 7 3 4 2 B M N 1 A		5	
Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		FECHA		ESCALA		4	
Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		MODELO		A-3		3	
Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		22-08-2001		A-3		2	
Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		32HW57E		REVISIONES		1	
Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		Diply signed by Auto-Infante, on-Case, Eno, and SEE, and Engineering Dept. c=ES Reason: This document is ready for approval		N		FECHA		6	

SCHEMATIC DIAGRAM OF MOTHER UNIT (F7393N7A)

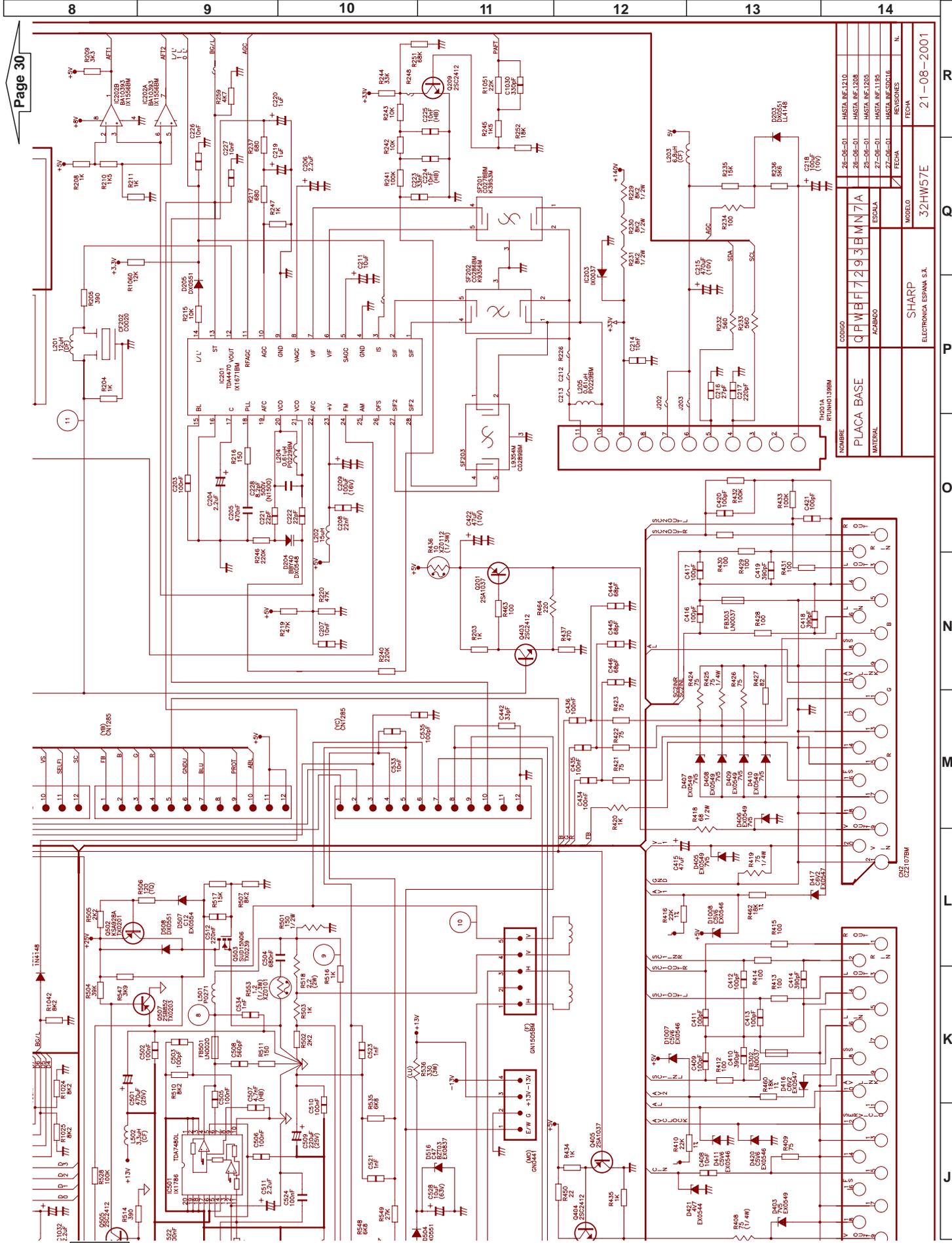


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REALIZADO	VERIFICADO	APROBADO

NOME DO PROJETO: 32HW-57E
 DATA DE ELABORAÇÃO: 10/01/2005
 DATA DE REVISÃO: 10/01/2005
 REVISÃO: 01
 ELABORADO POR: [Nome]
 VERIFICADO POR: [Nome]
 APROBADO POR: [Nome]

SCHEMATIC DIAGRAM OF MOTHER UNIT (F7393N7A)

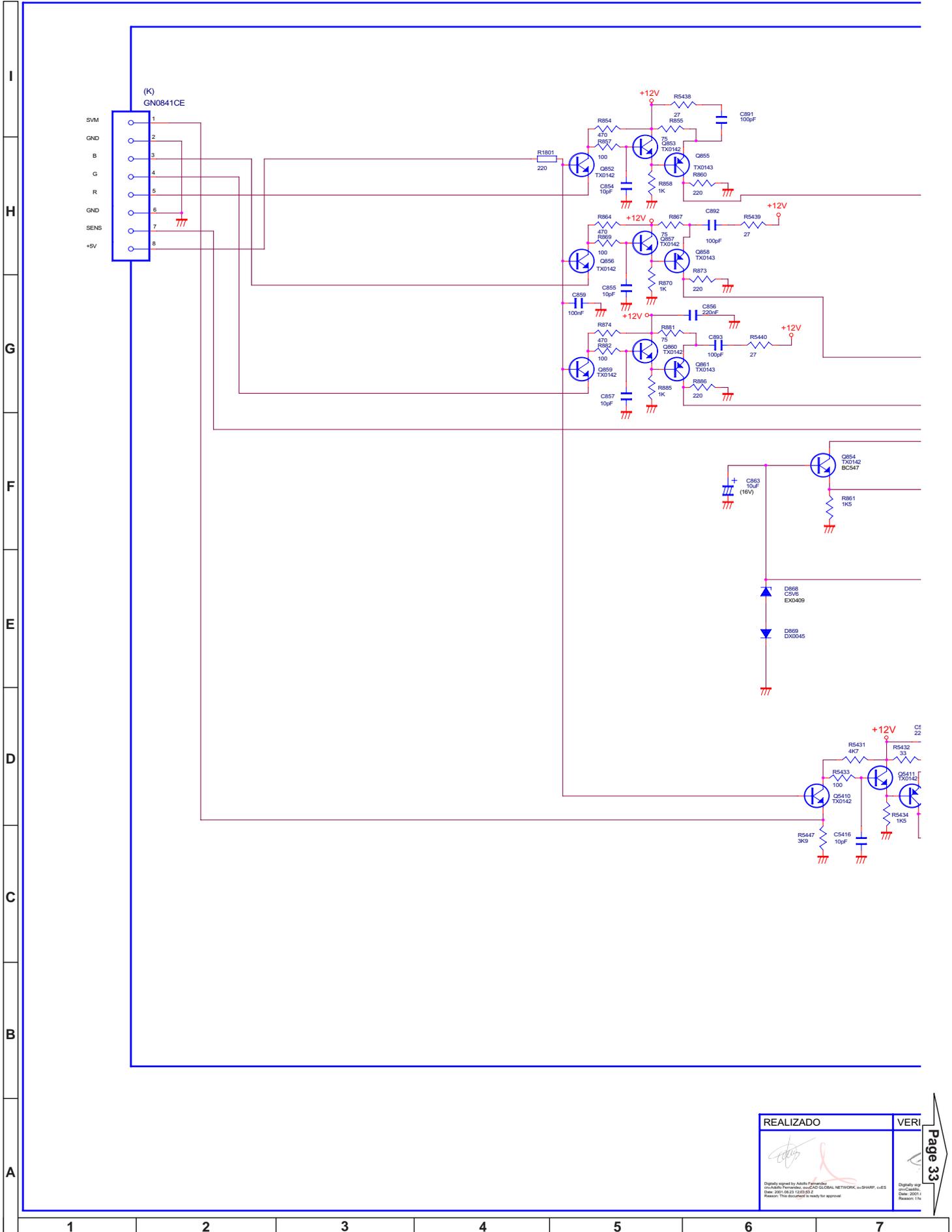


Page 30

Page 29

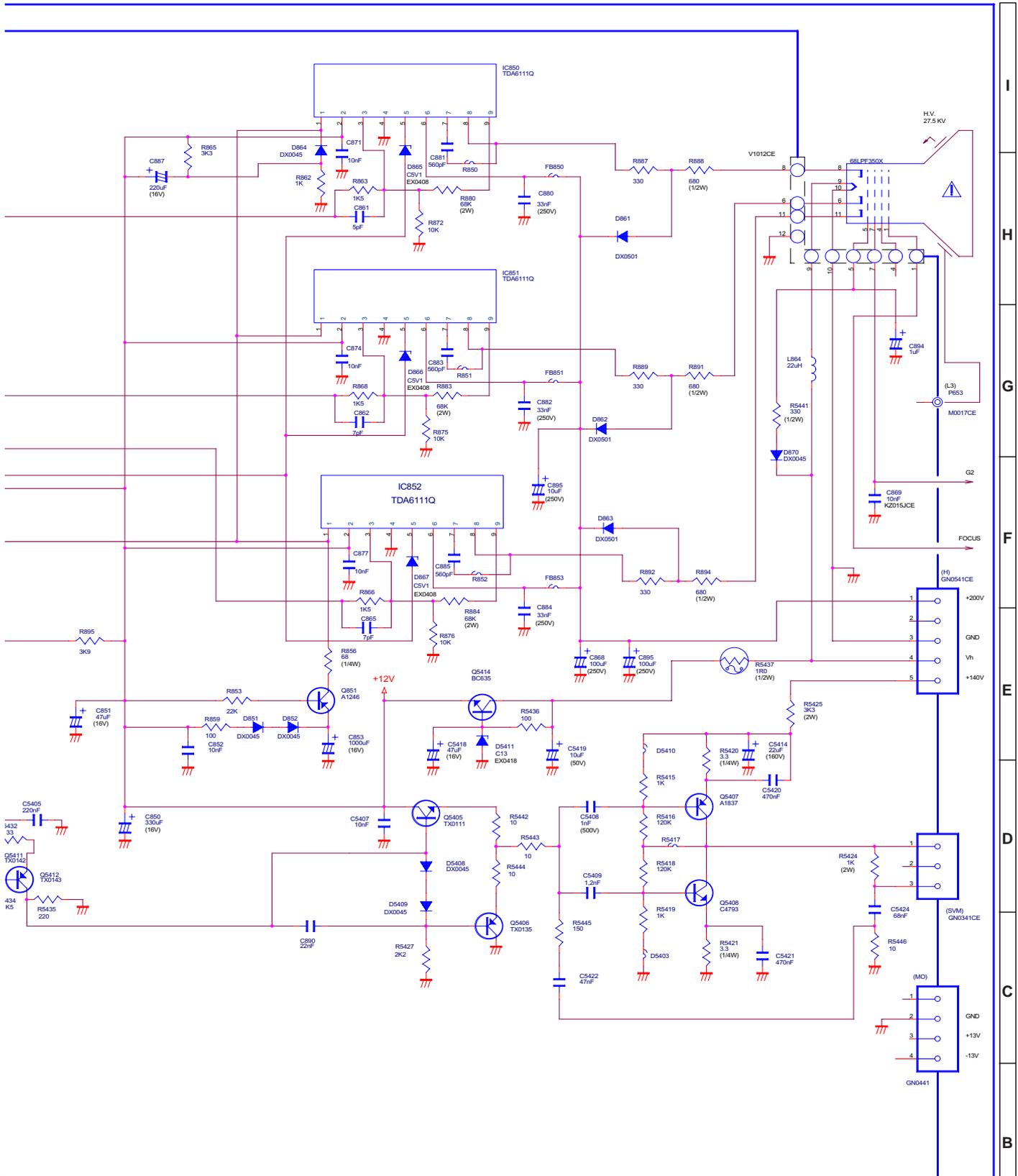
NOMBRE	PLACA BASE	QFWB77293BMN7A	MODELO	32HW57E	FECHA	21-08-2001
MATERIAL	ACABADO	ESCALA	SHARP	ELECTRONICA ESPAÑA S.A.	REVISIONES	N.
CODIGO	QFWB77293BMN7A	ACABADO	ESCALA	MODELO	32HW57E	FECHA
REVISIONES	26-06-01	HASTA INF.1210	26-06-01	HASTA INF.1208	26-06-01	HASTA INF.1205
REVISIONES	27-06-01	HASTA INF.1195	27-06-01	HASTA INF.1190	27-06-01	HASTA INF.1185

SCHEMATIC DIAGRAM OF CRT SOCKET UNIT (F7269N3)



REALIZADO	VERI
<i>[Signature]</i>	<i>[Signature]</i>
<small>Digitally signed by Adrián Fernández DN: cn=Adrián Fernández, ou=CAD GLOBAL NETWORK, ou=SHAPP, ou=ES Date: 2011.08.23 08:52:12 Reason: This document is ready for approval</small>	<small>Digitally signed by ou=CadGlobal, ou=SHAPP, ou=ES Date: 2011 Reason: This document is ready for approval</small>

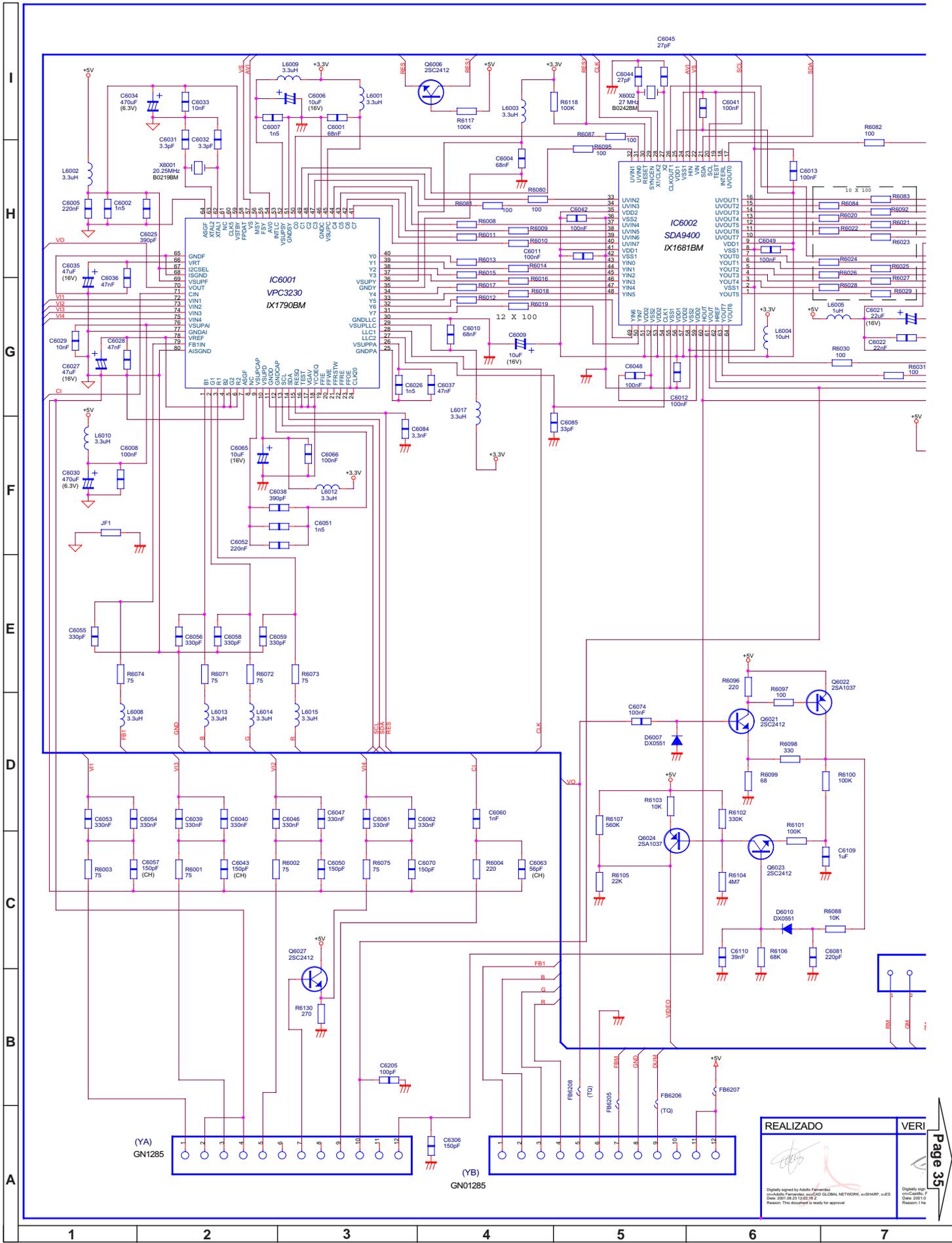
SCHEMATIC DIAGRAM OF CRT SOCKET UNIT (F7269N3)



Page 32

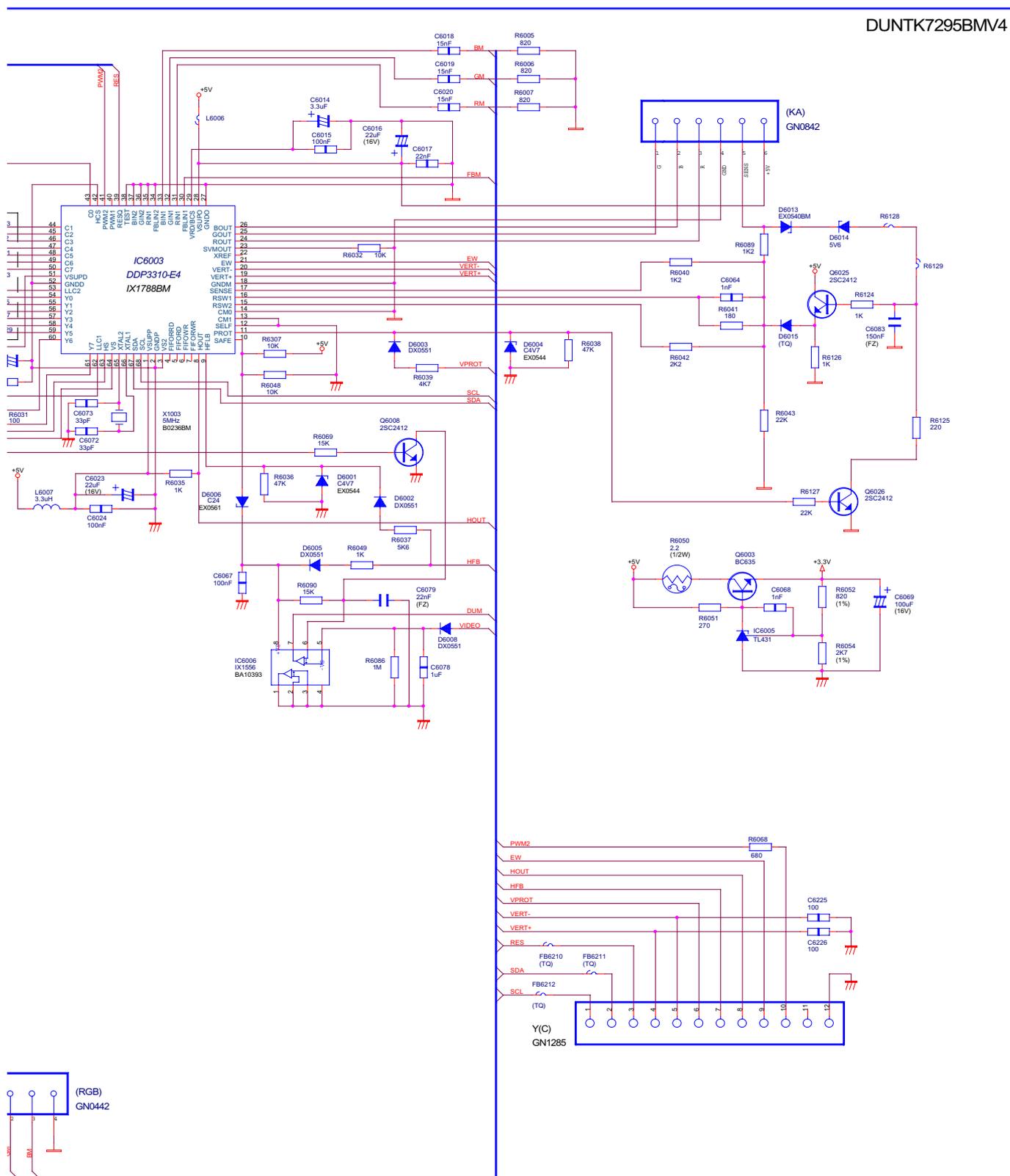
VERIFICADO	APROBADO	NOMBRE	CODIGO	6		
		MODULE C.T.R.	Q P W B F 7 2 6 9 B M N 3	5		5
FECHA	23-08-2001	SHARP ELECTRONICA ESPANA, S.A.		4		4
MODELO	32HW57E			3		3
		ESCALA	A-3	2		2
		FECHA	REVISIONES	1		1
						N

SCHEMATIC DIAGRAM OF DIGITAL MODULE (F7295NOA)



REALIZADO	VERI
<small>Digitally signed by Adolfo Ferrández dn: cn=Adolfo Ferrández, ou=CCO GLOBAL NETWORK, email=aferr@ccs.es Date: 2010.08.23 15:02:19 Z</small>	<small>Digitally signed by Date: 2011.0 Reason: 1 ha</small>

SCHEMATIC DIAGRAM OF DIGITAL MODULE (F7295NOA)



Page 34

VERIFICADO	APROBADO	NOMBRE	CODIGO	6				
		Module Digital	Q P W B F 7 2 9 5 B M N 0 A	5				
FECHA	22-08-2001	MODELO	32HW57E	4				
			SHARP ELECTRONICA ESPANA S.A.	3				
				2				
			ESCALA	1				
			A-2					
					FECHA	REVISIONES		N

PARTS LISTING

REPLACEMENT PARTS

Replacement parts which have special safety characteristics are identified in this manual. Electrical components having such features are identified by Δ in the Replacement Part List.

The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended is not permitted.

Replacement parts not shown in this service manual may create shock fire, or other hazards.

HOW TO ORDER REPLACEMENT PARTS

To have your order completed promptly and correctly please supply the following information.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

MARK *: SPARE PARTS DELIVERY SECTION

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
PICTURE TUBE				
Δ	VB76ESF3144*N	CRT 32" 16:9 PHILIPS	S CQ	**
Δ	RCILG0421BMZZ	DEGUSSING COIL 32" NUCTOR	S AN	AZ
PRINTED WIRING BOARDS (Not replacement item)				
PWB-A	DUNTK7293CJY0	MOTHER UNIT 32HW57E	S BS	CL
PWB-B	DUNTK7269BMY0	CRT UNIT 32HW57E	S AA	BL
PWB-C	DUNTK7271BMW5	DINAMIC FOCUS+PFC 32HW57E	S AA	BL
PWB-D	DUNTK7295BMV4	DIGITAL MODULE VPC3230 INS HAND 81GF66E	S BN	**
PWB-E	DUNTK7342BMV6	FRONTAL SWITCH/AV 32HW57E	S AA	BF
PWB-A MOTHER UNIT				
TUNER				
TH 0201	RTUNH0139BMZZ	TUNER CTT5020E THOMSON	S AP	BA
INTEGRATED CIRCUITS				
IC 0201	RH-IX1671BMZZ	IC TDA4470-MFL Temic SMD	S AF	AQ
IC 0202	RH-IX1556BMZZ	IC BA10393 S0P8 SMD ROHM	S AC	AD
IC 0203	RH-IX0037CEZ2	IC UPC574J 33V NEC	S AF	AD
IC 0301	VHITDA7480/-1	IC TDA7480 THOMSON	S AF	AK
IC 0302	VHITDA7480/-1	IC TDA7480 THOMSON	S AF	AK
IC 0304	VHIM5218L/-1	IC M5218L	S AA	AD
IC 0305	RH-IX1860BMZZ	IC MSP3410G-PP-B8 MICRONAS PSDIP64	S AR	BC
IC 0401	RH-IX1602BMZZ	IC HEF4053 SMD	S AA	AD
IC 0501	RH-IX1786BMZZ	C.I. TDA 7480L THOMSON	S AD	AL
IC 0502	VHIBA4558F/-1	IC BA4558F-E2 ROHM OP-AMP	S AA	AC
IC 0503	RH-IX1556BMZZ	IC BA10393 S0P8 SMD ROHM	S AC	AD
IC 0701	VHIPST529C2-1	IC PST529C2 MITSUMI	S AD	AD
IC 0702	RH-IX1646BMZZ	IC ST6203B SMD SGS-THOMSON	S AF	AL
IC 0703	RH-FX0113BMZZ	OPTOCOUPLER TCET1103G VISHAY	S AA	AC
IC 0704	RH-FX0113BMZZ	OPTOCOUPLER TCET1103G VISHAY	S AA	AC
IC 0705	RH-FX0113BMZZ	OPTOCOUPLER TCET1103G VISHAY	S AA	AC
IC 0706	RH-IX1674BMZZ	IC KA431AZ SAMSUNG	S AA	AD
IC 0707	RH-IX1704BMZZ	IC L4978 THOMSON	S AD	AK
IC 0708	RH-FX0111BMZZ	OPTOCOUPLER TLP165J TOSHIBA	S AB	AE
IC 1001	RH-IX1686BMZZ	IC ST10R272L THOMSON	S AK	AW
IC 1002	CH-IX1787CJE1	OTP SET SOFT 32/28HW57E	S --	--
IC 1003	RH-IX1603BMZZ	NVM X24645S8 XICOR SMD	S AS	AV
IC 1004	RH-IX1603BMZZ	NVM X24645S8 XICOR SMD	S AS	AV
IC 1005	VHIPST529C2-1	IC PST529C2 MITSUMI	S AD	AD
IC 2401	RH-IX1709BMZZ	IC SDA5275-SMTXT NIVEL2.5	S AT	BD
IC 2402	RH-IX1811BMZZ	IC DRAM MSM514400D-60TS-K OKI	S AG	AS
TRANSISTORS				
Q 0201	VS2SA1037KQ-1	TRT BC807 SMD	S AA	AA
Q 0209	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0302	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0303	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0304	VS2SA1037KQ-1	TRT BC807 SMD	S AA	AA
Q 0305	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0306	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0403	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0404	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
Q 0405	VS2SA1037KQ-1	TRT BC807 SMD	S AA	AA
Q 0406	VS2SA1037KQ-1	TRT BC807 SMD	S AA	AA
Q 0408	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0501	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0502	RH-TX0201BMZZ	TRT KSA928A SAMSUNG	S AA	AC
Q 0503	RH-TX0239BMZZ	TRT SUD15N06-90L SILICONIX	S AA	AE
Q 0505	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0506	RH-TX0151BMZZ	TRT 2SD2391Q SMD ROHM	S AC	AD
Q 0507	RH-TX0203BMZZ	TRT 2SB852 ROHM	S AA	AB
Q 0601	RH-TX0197BMZZ	TRT BU2525AX PHILIPS	S AG	AP
Q 0602	RH-TX0192BMZZ	TRT KSC2500 SAMSUNG	S AB	AC
Q 0603	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0604	VS2SA1037KQ-1	TRT BC807 SMD	S AA	AA
Q 0605	RH-TX0192BMZZ	TRT KSC2500 SAMSUNG	S AB	AC
Q 0606	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0701	RH-TX0198BMZZ	TRT S5F10N80A SAMSUNG	S AM	AU
Q 0702	RH-TX0182BMZZ	TRT 2PD602AR PHILIPS	S AA	AB
Q 0703	RH-TX0151BMZZ	TRT 2SD2391Q SMD ROHM	S AC	AD
Q 0708	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0709	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0710	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0711	RH-TX0106BMZZ	TRT BC547	S AA	AB
Q 0712	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 0714	VS2SA1037KQ-1	TRT BC807 SMD	S AA	AA
Q 0715	RH-TX0215BMZZ	MOSFET 2SK2715 ROHM	S AA	AE
Q 0717	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 1001	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 1004	VS2SA1037KQ-1	TRT BC807 SMD	S AA	AA
Q 1005	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 1006	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 1007	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
Q 2401	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
DIODES				
D 0203	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0204	RH-DX0548BMZZ	DIODE VARICAP BBY40	S AC	AE
D 0205	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0206	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA
D 0301	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0302	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0303	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0304	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0305	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0401	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0402	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0403	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0404	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0405	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0406	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0407	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0408	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0409	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0410	RH-EX0549BMZZ	ZENER DIODE TZMC7V5 TFK SMD	S AA	AA
D 0411	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S AA	AA
D 0412	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0413	RH-EX0584BMZZ	ZENER DIODE TZMB6V2 TFK SMD 2%	S AA	AA
D 0414	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0415	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S AA	AA
D 0416	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S AA	AA
D 0417	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S AA	AA
D 0419	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0420	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S AA	AA
D 0421	RH-EX0544BMZZ	ZENER DIODE TZMC4V7 TFK SMD	S AA	AA
D 0422	RH-EX0556BMZZ	ZENER DIODE TZMC15 TFK SMD	S AA	AA
D 0502	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0503	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0504	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0506	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0507	RH-EX0554BMZZ	ZENER DIODE TZMC12 TFK SMD	S AA	AA
D 0508	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0509	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
D 0510	RH-DX0505BMZZ	DIODE 1N4935	S AB	AE
D 0515	RH-EX0544BMZZ	ZENER DIODE TZMC4V7 TFK SMD	S AA	AA
D 0516	RH-EX0837BMZZ	ZENER DIODE BZT03C47 PHILIPS	S AA	AD

REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	*	SN CODE	EX CODE
D 0601	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	L 0353	RCILP0278BMZZ	COIL A823LY-680K TOKO	S	AA	AD
D 0605	RH-DX0585BMZZ	DIODE DMV32AF5 THOMSON	S	AH	AM	L 0501	RCILP0271BMZZ	COIL BC-400K DIEMEN	S	AD	AG
D 0606	RH-DX0505BMZZ	DIODE 1N4935	S	AB	AE	L 0502	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
D 0608	RH-DX0505BMZZ	DIODE 1N4935	S	AB	AE	L 0503	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB
D 0609	RH-DX0505BMZZ	DIODE 1N4935	S	AB	AE	L 0601	VP-NM3R3MR19N	COIL 3,3UH SMD	S	AA	AC
D 0610	RH-DX0519BMZZ	DIODE LL4148 TFK SMD	S	AB	AD	L 0603	RCILP0262BMZZ	COIL HR18008.00 DIEMEN	S	AD	AG
D 0611	RH-DX0519BMZZ	DIODE 1N5819 MOROROLA	S	AB	AD	L 0604	RCILP0287BMZZ	COIL	S	AC	AG
D 0612	RH-DX0519BMZZ	DIODE 1N5819 MOROROLA	S	AB	AD	L 0605	RCILZ0718BMZZ	COIL HR13042-00 DIEMEN	S	AL	AD
D 0613	RH-DX0506BMZZ	DIODE 1N4936	S	AB	AB	L 0609	RCILP0282BMZZ	COIL RLB0912-1R5M DIONIX	S	AA	AD
D 0619	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	L 0611	VP-CF220K0000	PEAK COIL 22UH 10%	S	AA	AA
D 0620	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	L 0612	VP-CF220K0000	PEAK COIL 22UH 10%	S	AA	AA
D 0621	RH-DX0506BMZZ	DIODE 1N4936	S	AB	AB	L 0705	RCILP0285BMZZ	COIL PCV1620-500K DIONIX	S	AB	AF
D 0623	RH-EX0423BMZZ	ZENER DIODE BZX79C22V	S	AA	AB	L 2401	VP-DF3R3K0000	PEAK COIL 3,3UH 10%	S	AB	AB
D 0624	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	L 2402	VP-DF100K0000	PEAK COIL 10UH 10%	S	AA	AA
D 0701	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB	L 609A	VRN-VV3AB1R0J	MET FILM R 1 OHM 5% 1W	S	AA	AA
D 0702	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB			CERAMIC FILTERS			
D 0703	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB	CF 0202	RFILC0020CEZZ	FILTER SIF TRAP (TAPE)	S	AE	AE
D 0704	RH-DX0555BMZZ	DIODE RF2005 FAGOR	S	AA	AB	CF 0701	RFILC0121GEZZ	FILTER CST8.00MTW MURATA	S	AC	AD
D 0706	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	SF 0201	RFILC0278BMZZ	SAW FILTER K3953M SIEMENS	S	AK	AM
D 0707	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA	SF 0202	RFILC0286BMZZ	FILTER K9356M SIEMENS	S	AC	AG
D 0708	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA	SF 0203	RFILC0289BMZZ	SAW FILTER L9354M SIEMENS	S	AC	AK
D 0710	RH-EX0545BMZZ	ZENER DIODE TZMC3V1 TFK SMD	S	AA	AA			TRANSFORMERS			
D 0711	RH-DX0539BMZZ	DIODE BYT52M TFK	S	AA	AC	△ T 0601	RTRNF2071BMZZ	FBT 66688-02 OREGA	S	AP	BA
D 0712	RH-EX0419BMZZ	ZENER DIODE BZX79C15V 0,4W	S	AA	AB	△ T 0701	RTRNZ0577BMZZ	CHOPPER 16.9 100HZ THOMSON	S	AF	AQ
D 0713	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA			CAPACITORS			
D 0714	RH-DX0605BMZZ	DIODE MBR340RL MOTOROLA	S	AA	AE	C 0203	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
D 0715	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0204	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
D 0716	RH-EX0412BMZZ	ZENER DIODE BZX79C7V5	S	AA	AB	C 0205	RC-FZ474BMINJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S	AA	AC
D 0718	RH-DX0589BMZZ	DIODE MBR3100RL MOTOROLA	S	AC	AF	C 0206	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S	AA	AB
D 0719	RH-DX0589BMZZ	DIODE MBR3100RL MOTOROLA	S	AC	AF	C 0207	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 0720	RH-DX0587BMZZ	DIODE MR826 PREFORM C6.3	S	AH	AP	C 0208	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S	AA	AA
D 0721	RH-EX0508BMZZ	ZENER DIODE TZMC8V2 TFK SMD	S	AA	AA	C 0209	VCEAGA1CW107M	ELEC C 100UF 20% 16V	S	AA	AA
D 0722	RH-DX0590BMZZ	DIODE MBR1100RL MOTOROLA	S	AD	AE	C 0211	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S	AA	AA
D 0724	RH-EX0538BMZZ	ZENER DIODE TZMC2V7 TFK SMD	S	AA	AA	C 0212	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
D 0725	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0213	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S	AA	AA
D 0726	RH-EX0554BMZZ	ZENER DIODE TZMC12 TFK SMD	S	AA	AA	C 0214	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 0727	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0215	VCEAGA1AW477M	ELEC C 470UF 20% 10V	S	AA	AB
D 0728	RH-EX0545BMZZ	ZENER DIODE TZMC5V1 TFK SMD	S	AA	AA	C 0216	VCCCTV1HH270J	CERAM C 27PF 50V 2125SMD	S	AA	AA
D 0729	RH-EX0568BMZZ	ZENER DIODE TZMC47 TFK SMD	S	AA	AA	C 0217	VCCCTV1HH221J	CERAM C 220PF 50V 2125SMD	S	AA	AA
D 0730	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0218	VCEAGA1AW107M	ELEC C 100UF 20% 10V	S	AA	AA
D 0731	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA	C 0219	VCEAGA1HW105M	ELEC C 1UF 20% 50V	S	AA	AA
D 0732	RH-EX0556BMZZ	ZENER DIODE TZMC15 TFK SMD	S	AA	AA	C 0220	VCEAGA1HW105M	ELEC C 1UF 20% 50V	S	AA	AA
D 0733	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0221	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
D 0734	RH-DX0502BMZZ	DIODE 1N4005	S	AB	AA	C 0222	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S	AA	AA
D 0735	RH-EX0875BMZZ	DIODE BZV04-145=170V FAGOR	S	AA	AD	C 0223	VCKYTV1HF333Z	CERAM C 33NF 50V 2125SMD	S	AA	AA
D 1003	RH-DX0606BMZZ	DIODE BAS85 PHILIPS SMD	S	AA	AB	C 0224	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 1004	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA	C 0225	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 1005	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA	C 0226	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 1006	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA	C 0227	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S	AA	AA
D 1007	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA	C 0228	VCCWPA2HL8R2C	C 8,2PF 0,25 N1500 500V	S	AA	AB
D 1008	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S	AA	AA	C 0305	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
D 1009	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S	AA	AA	C 0306	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
D 1012	RH-EX0547BMZZ	ZENER DIODE TZMC6V2 TFK SMD	S	AA	AA	C 0309	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
D 2401	RH-EX0539BMZZ	ZENER DIODE TZMC3V0 TFK SMD	S	AA	AA	C 0310	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
		PACKAGED CIRCUITS				C 0311	VCEAGA1AW337M	ELEC C 330UF 20% 10V	S	AA	AA
POR0701	RMPTP0001BMZZ	PTC B59250-C1080-B70	S	AA	AD	C 0312	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
X 0301	RCRSB0203BMZZ	CRYSTAL 18,432 MHZ	S	AD	AG	C 0313	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
X 1002	RCRSB0200BMZZ	CRYSTAL 17,734 MHZ	S	AD	AG	C 0314	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
X 2401	RCRSB0214BMZZ	CRYSTAL 20.48 MHZ SEL	S	AD	AH	C 0315	VCEAGA1HW335M	ELEC C 3,3UF 20% 50V	S	AA	AA
		COILS				C 0316	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
L 0201	VP-DF120K0000	PEAK COIL 12UH 10%	S	AA	AA	C 0317	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
L 0202	VP-NM150KR63N	COIL 15UH SMD	S	AB	AC	C 0318	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S	AA	AB
L 0203	VP-CF6R8K0000	PEAK COIL 6.8UH 10%	S	AA	AA	C 0319	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
L 0204	RCILP0229BMZZ	COIL SMD 610NH LQN1HR61J	S	AA	AD	C 0320	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S	AA	AA
L 0205	RCILP0229BMZZ	COIL SMD 610NH LQN1HR61J	S	AA	AD	C 0321	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
L 0301	VP-DF100K0000	PEAK COIL 10UH 10%	S	AA	AA	C 0322	RC-FZ4334BMINJ	POL FILM C 330NF 50V 5% ECQ-V PANASONIC	S	AA	AB
L 0315	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB	C 0323	RC-FZ4334BMINJ	POL FILM C 330NF 50V 5% ECQ-V PANASONIC	S	AA	AB
L 0316	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB	C 0324	RC-FZ4334BMINJ	POL FILM C 330NF 50V 5% ECQ-V PANASONIC	S	AA	AB
L 0317	RBLN-0037CEZZ	BALUN FBA04HA90088-00 T/Y	S	AB	AB	C 0325	RC-FZ4334BMINJ	POL FILM C 330NF 50V 5% ECQ-V PANASONIC	S	AA	AB
L 0350	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB	C 0326	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S	AA	AA
L 0351	VP-CF3R3K0000	PEAK COIL 3.3UH 10%	S	AB	AB	C 0327	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S	AA	AA
L 0352	RCILP0278BMZZ	COIL A823LY-680K TOKO	S	AA	AD						

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
C 0328	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0442	VCCCTV1HH330J	CERAM C 33PF 50V 2125SMD	S AA	AA
C 0329	VCCCPA1HH470J	CERAM C 47PF 5% 50V	S AA	AA	C 0433	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S AA	AA
C 0330	VCCCTV1HH470J	CERAM C 47PF 50V 2125SMD	S AA	AA	C 0444	VCCCTV1HH680J	CERAM C 68PF 50V 2125SMD	S AA	AA
C 0331	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0445	VCCCTV1HH680J	CERAM C 68PF 50V 2125SMD	S AA	AA
C 0332	VCEAGA1AW337M	ELEC C 330UF 20% 10V	S AA	AA	C 0446	VCCCTV1HH680J	CERAM C 68PF 50V 2125SMD	S AA	AA
C 0333	VCCCTV1HH470J	CERAM C 47PF 50V 2125SMD	S AA	AA	C 0451	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S AA	AA
C 0334	VCCCTV1HH5R0C	CERAM C 5PF 50V 2125SMD	S AA	AA	C 0501	VCEAGA1EW477M	ELEC C 470UF 20% 25V	S AA	AB
C 0335	VCCCTV1HH5R0C	CERAM C 5PF 50V 2125SMD	S AA	AA	C 0502	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0338	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0503	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA
C 0339	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0504	RC-FZ4684BMNJ	POL FILM C 680nF 50V 5% ECQ-V PANASONIC	S AA	AC
C 0340	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S AA	AA	C 0505	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0341	RC-FZ4224BMNJ	POL FILM C 220nF 50V 5% ECQ-V PANASONIC	S AA	AC	C 0506	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0342	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S AA	AA	C 0507	VCKYTV1HB472K	CERAM C 4.7NF 50V 2125SMD	S AA	AA
C 0343	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S AA	AA	C 0508	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S AA	AA
C 0350	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0509	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA
C 0351	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA	C 0510	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0352	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB	C 0511	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S AA	AB
C 0353	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB	C 0512	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S AA	AA
C 0354	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0514	RC-FZ4183BMNJ	POL FILM C 18NF 50V 5% ECQ-B PANASONIC	S AA	AA
C 0356	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S AA	AB	C 0515	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	AA
C 0357	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA	C 0516	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA
C 0358	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB	C 0517	VCKYTV1HB273K	CERAM C 27NF 50V 2125SMD	S AA	AA
C 0359	VCKYTV1HB472K	CERAM C 4.7NF 50V 2125SMD	S AA	AA	C 0518	VCCCTV1HH100D	CERAM C 10PF 50V 2125SMD	S AA	AA
C 0360	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S AA	AA	C 0520	VCEAGA1VW477M	ELEC C 470UF 20% 35V	S AA	AB
C 0361	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	AC	C 0521	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0362	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S AA	AB	C 0522	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0363	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA	C 0523	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0364	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0524	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB
C 0365	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA	C 0525	VRS-TV1JD562J	2125 5,6KOHM 5% 1/10W SMD	S AA	AA
C 0366	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0526	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S AA	AA
C 0367	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0527	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 0368	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB	C 0528	VCEAGA1JW106M	ELEC C 10UF 20% 63V	S AA	AA
C 0369	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0529	VCCCTV1HH271J	CERAM C 270PF 50V 2125SMD	S AA	AA
C 0370	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S AA	AB	C 0530	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA
C 0371	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA	C 0533	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA
C 0372	VCEAGA1HW225M	ELEC C 2,2UF 20% 50V	S AA	AB	C 0534	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0373	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB	C 0535	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA
C 0374	VCKYTV1HB472K	CERAM C 4.7NF 50V 2125SMD	S AA	AA	C 0601	RC-FZ0170BMZZ	C 2222 375 44123 PHILIPS	S AA	AE
C 0375	VCCCTV1HH561J	CERAM C 560PF 50V 2125SMD	S AA	AA	C 0606	VCKYTV1HB683K	CERAM C 68NF 50V 2125SMD	S AA	AA
C 0376	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	AC	C 0607	VCEAGA1AW337M	ELEC C 330UF 20% 10V	S AA	AA
C 0377	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S AA	AA	C 0610	RC-FZ0162BMZZ	C B32632 27NF 630V SIEMENS	S AA	AA
C 0378	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA	C 0611	RC-FZ7155BMNJ	PP FILM C 1,5MF 5% 400V	S AB	AF
C 0379	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0613	RC-FZ7684BMNJ	PP FILM C 680NF 5% 400V	S AE	AH
C 0380	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S AA	AA	C 0615	VCEAGA1EW477M	ELEC C 470UF 20% 25V	S AA	AB
C 0401	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0616	VCEAGA1VW477M	ELEC C 470UF 20% 35V	S AA	AB
C 0402	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	AA	C 0618	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	AC
C 0403	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0619	VCEAA2CN225M	C UVZ2C2R2MEH1TA NICHICON	S AA	AB
C 0406	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	AA	C 0620	VCEAA2CN225M	C UVZ2C2R2MEH1TA NICHICON	S AA	AB
C 0408	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA	C 0631	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	AC
C 0409	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0633	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S AA	AA
C 0410	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	AA	C 0635	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0411	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0637	VCKYPA2HB222K	CERAM C 2,2NF 10% 500V	S AA	AB
C 0412	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0638	VCKYPA2HB222K	CERAM C 2,2NF 10% 500V	S AA	AB
C 0413	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0639	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	AA
C 0414	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	AA	C 0640	VCKYTV1HB222K	CERAM C 2,2NF 50V 2125SMD	S AA	AA
C 0415	VCEAGA1HW476M	ELEC C 47UF 20% 50V	S AA	AA	C 0644	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S AA	AA
C 0416	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0645	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S AA	AA
C 0417	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0701	RC-FZ0160BMZZ	C B81133-D1474-M 470nF 275V SIEMENS	S AC	AF
C 0418	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	AA	C 0703	RC-KZ0165BMZZ	CERAM C DE0905-979E332ZAC250	S AA	AB
C 0419	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	AA	C 0702	RC-FZ0173BMZZ	POL C 47NF 400V PHIL.365	S AN	AZ
C 0420	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0704	RC-KZ0165BMZZ	CERAM C DE0905-979E332ZAC250	S AA	AB
C 0421	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0705	RC-EZ0141BMZZ	ELEC C 68UF 450V	S AD	AL
C 0422	VCEAGA1AW476M	ELEC C 47UF 20% 10V	S AA	AA	C 0706	VCEAGA1CW226M	ELEC C 22UF 20% 16V	S AA	AA
C 0427	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	C 0707	VCEAGA1CW107M	ELEC C 100UF 20% 16V	S AA	AA
C 0430	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S AA	AB	C 0710	RC-FZ0156BMZZ	C B32529-B6473K 47nF 400V SIEMENS	S AD	AE
C 0431	RC-FZ4334BMNJ	POL FILM C 330nF 50V 5% ECQ-V PANASONIC	S AA	AB	C 0711	RC-KZ0035CEZZ	CERAM C 220PF 2KV	S AA	AC
C 0432	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S AA	AA	C 0712	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA
C 0434	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0713	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB
C 0435	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0714	RC-FZ4823BMNJ	POL FILM C 82nF 50V 5% ECQ-B PANASONIC	S AA	AB
C 0436	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	C 0715	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S AA	AA
C 0438	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0716	VCKYTV1HB332K	CERAM C 3.3NF 50V 2125SMD	S AA	AA
C 0439	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0717	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 0440	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0718	VCEAGA1EW108M	ELEC C 1000UF 20% 25V	S AD	AD
C 0441	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA	C 0719	VCEAGA1EW108M	ELEC C 1000UF 20% 25V	S AD	AD

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
C 0720	RC-E20258CEZZ	ELEC C 100MF 200V	S AC	AK	R 0243	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
C 0721	VCEAHA1VN477M	ELEC 470UF 20% 35V 105°C	S AA	AB	R 0244	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S AA	AA
C 0722	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0245	VRS-TV1JD152J	2125 1.5KOHM 5% 1/10W SMD	S AA	AA
C 0723	VCEAGA1AW228M	ELEC C 2200UF 20% 10V	S AA	AD	R 0246	VRS-TV1JD224J	2125 220KOHM 5% 1/10W SMD	S AA	AA
C 0724	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S AA	AA	R 0247	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA
C 0725	VCKYTV1HB472K	CERAM C 4.7NF 50V 2125SMD	S AA	AA	R 0248	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA
C 0728	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0251	VRS-TV1JD683J	2125 68KOHM 5% 1/10W SMD	S AA	AA
C 0730	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA	R 0252	VRS-TV1JD183J	2125 18KOHM 5% 1/10W SMD	S AA	AA
C 0731	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA	R 0259	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA
C 0732	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA	R 0301	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA
C 0733	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA	R 0302	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA
C 0735	VCKYTV1HB272K	CERAM C 2.7NF 50V 2125SMD	S AA	AB	R 0303	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
C 0737	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S AA	AA	R 0304	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
C 0738	VCCCTV1HH560J	CERAM C 56PF 50V 2125SMD	S AA	AA	R 0306	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
C 0739	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S AA	AA	R 0307	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
C 0740	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S AA	AA	R 0308	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
C 0741	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0309	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S AA	AA
C 0742	VCKYTV1HB683K	CERAM C 68NF 50V 2125SMD	S AA	AA	R 0310	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA
C 0743	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0311	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA
C 0749	VCKYTV1CF474Z	CERAM C 470NF 16V 2125SMD	S AA	AA	R 0312	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S AA	AA
C 0770	RC-K20106GEZZ	CERAM C DE1410 E332M-KX	S AB	AC	R 0313	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA
C 0821	VCEAGA1HW225M	ELEC C 2.2UF 20% 50V	S AA	AB	R 0314	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA
C 1001	VCEAGA0JW477M	ELEC C 470UF 20% 6.3V	S AA	AA	R 0315	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
C 1002	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0318	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA
C 1005	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0319	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
C 1014	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0320	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
C 1017	VCKYTV1HF333Z	CERAM C 33NF 50V 2125SMD	S AA	AA	R 0321	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA
C 1018	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0322	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA
C 1019	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S AA	AA	R 0323	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA
C 1020	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S AA	AA	R 0350	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
C 1021	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0351	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S AA	AA
C 1022	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0352	VRS-TV1JD123J	2125 12KOHM 5% 1/10W SMD	S AA	AA
C 1026	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA	R 0353	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S AA	AA
C 1027	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S AA	AA	R 0354	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
C 1028	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0355	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S AA	AA
C 1030	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S AA	AA	R 0356	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
C 1031	VCKZPA1HF103Z	CERAM C 10NF % 50V	S AA	AA	R 0357	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S AA	AA
C 1032	VCEAGA1HW225M	ELEC C 2.2UF 20% 50V	S AA	AB	R 0358	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA
C 1033	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S AA	AA	R 0359	VRD-RA2BE104J	RES 100KOHM 5% 1/8W	S AA	AA
C 2401	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S AA	AA	R 0360	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
C 2402	VCCCTV1HH220J	CERAM C 22PF 50V 2125SMD	S AA	AA	R 0361	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
C 2403	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0362	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA
C 2404	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0363	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA
C 2405	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S AA	AA	R 0372	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
C 2406	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0373	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
C 2407	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S AA	AA	R 0374	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA
C 2408	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA	R 0375	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA
		RESISTORS			R 0376	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA
R 0203	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0402	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA
R 0204	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0403	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA
R 0205	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S AA	AA	R 0404	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA
R 0208	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0405	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA
R 0209	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S AA	AA	R 0406	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA
R 0210	VRS-TV1JD152J	2125 1.5KOHM 5% 1/10W SMD	S AA	AA	R 0408	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S AA	AA
R 0211	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0409	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA
R 0215	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA	R 0410	VRS-TV1JD223F	2125 22KOHM 1% 1/10W SMD	S AA	AA
R 0216	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S AA	AA	R 0412	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA
R 0217	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S AA	AA	R 0413	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA
R 0219	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA	R 0414	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA
R 0220	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA	R 0415	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA
R 0226	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA	R 0416	VRS-TV1JD223F	2125 22KOHM 1% 1/10W SMD	S AA	AA
R 0229	VRD-RA2HD822J	RES 8.2KOHM 5% 1/2W	S AA	AA	R 0418	VRD-RA2HD680J	RES 68 OHM 5% 1/2W	S AA	AA
R 0230	VRD-RA2HD822J	RES 8.2KOHM 5% 1/2W	S AA	AA	R 0419	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S AA	AA
R 0231	VRD-RA2HD822J	RES 8.2KOHM 5% 1/2W	S AA	AA	R 0420	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	AA
R 0232	VRD-RA2BE561J	RES 560 OHM 5% 1/8W	S AA	AA	R 0421	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA
R 0233	VRD-RA2BE561J	RES 560 OHM 5% 1/8W	S AA	AA	R 0422	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA
R 0234	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA	R 0423	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA
R 0235	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S AA	AA	R 0424	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S AA	AA
R 0236	VRS-TV1JD562J	2125 5.6KOHM 5% 1/10W SMD	S AA	AA	R 0425	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S AA	AA
R 0237	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S AA	AA	R 0426	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S AA	AA
R 0240	VRS-TV1JD224J	2125 220KOHM 5% 1/10W SMD	S AA	AA	R 0427	VRS-TV1JD820J	2125 82 OHM 5% 1/10W SMD	S AA	AA
R 0241	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	R 0428	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA
R 0242	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA	R 0429	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA
					R 0430	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
R 0431	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA	R 0603	VRD-RA2BE331J	RES 330 OHM 5% 1/8W	S AA	AA
R 0432	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	R 0604	VRN-VV3ABR33J	MET FILM R .33 OHM 5% 1W	S AA	AA
R 0433	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	R 0605	VRS-TV1JD222J	2125 2.2KOHM 5% 1/10W SMD	S AA	AA
R 0434	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0606	VRS-VV3AB102J	MET OX RES 1KOHM 5% 1W	S AA	AA
R 0435	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0607	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S AA	AA
R 0436	RR-XZ0112BMZZ	FUS RES 10R TAP 5% 1/3W	S AA	AB	R 0608	VRD-RA2EE330J	RES 33 OHM 5% 1/4W	S AA	AA
R 0437	VRS-TV1JD471J	2125 470 OHM 5% 1/10W SMD	S AA	AA	R 0610	RR-XZ0200BMZZ	FUS RES 1R0 TAP 5% 1/2W	S AA	AB
R 0445	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	R 0611	VRS-VV3DB561J	MET OX RES 560 OHM 5% 2W	S AA	AA
R 0447	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S AA	AA	R 0613	VRS-LU3LB332J	SET MET OX R 3.3KOHM 5% 3W LW	S AA	AB
R 0448	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S AA	AA	R 0614	VRD-RA2HD103J	RES 10KOHM 5% 1/2W	S AA	AA
R 0450	VRS-TV1JD220J	2125 22 OHM 5% 1/10W SMD	S AA	AA	R 0615	VRS-TV1JD561J	2125 560 OHM 5% 1/10W SMD	S AA	AA
R 0451	VRD-RA2HD221J	RES 220 OHM 5% 1/2W	S AA	AA	R 0616	VRN-VV3DBR56J	MET FILM R .56 OHM 5% 2W	S AA	AB
R 0452	VRS-TV1JD223F	2125 22KOHM 1% 1/10W SMD	S AA	AA	R 0617	RR-XZ0204BMZZ	FUS RES 2R2 TAP 5% 1/2W	S AA	AB
R 0453	VRS-TV1JD183F	2125 18KOHM 1% 1/10W SMD	S AA	AA	R 0623	VRN-VV3LBR56J	MET FILM R 0.56 OHM 5% 3W	S AA	AB
R 0454	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S AA	AA	R 0625	VRS-TQ2BD181J	OX RE 180 OHM 5% 1/8W SMD	S AA	AA
R 0455	VRD-RA2BE103J	RES 10KOHM 5% 1/8W	S AA	AA	R 0627	VRS-TQ2BD181J	OX RE 180 OHM 5% 1/8W SMD	S AA	AA
R 0456	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S AA	AA	R 0628	VRD-RA2EE330J	RES 33 OHM 5% 1/4W	S AA	AA
R 0458	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0634	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S AA	AA
R 0459	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0641	VRD-RA2HD470J	RES 47 OHM 5% 1/2W	S AA	AA
R 0460	VRS-TV1JD183F	2125 18KOHM 1% 1/10W SMD	S AA	AA	R 0646	VRS-TV1JD564J	2125 560KOHM 5% 1/10W SMD	S AA	AA
R 0461	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	R 0647	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA
R 0462	VRS-TV1JD183F	2125 18KOHM 1% 1/10W SMD	S AA	AA	R 0650	VRD-RA2BE152J	RES 1.5KOHM 5% 1/8W	S AA	AA
R 0463	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA	R 0703	VRD-RA2HD154J	RES 150KOHM 5% 1/2W	S AA	AA
R 0464	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S AA	AA	R 0706	VRS-TV1JD203J	2125 20KOHM 5% 1/10W SMD	S AA	AA
R 0465	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA	R 0707	VRS-TV1JD912J	2125 9.1KOHM 5% 1/10W SMD	S AA	AA
R 0466	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0708	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA
R 0467	VRS-TV1JD333J	2125 33KOHM 5% 1/10W SMD	S AA	AA	R 0711	VRS-TV1JD182J	2125 1.8KOHM 5% 1/10W SMD	S AA	AA
R 0468	VRS-TV1JD330J	2125 33 OHM 5% 1/10W SMD	S AA	AA	R 0712	VRS-TV1JD331J	2125 330 OHM 5% 1/10W SMD	S AA	AA
R 0469	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA	R 0713	VRC-MA2HG564J	SOLID R 560KOHM 5% 1/2W	S AA	AA
R 0470	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA	R 0714	VRC-MA2HG564J	SOLID R 560KOHM 5% 1/2W	S AA	AA
R 0472	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA	R 0715	VRW-KS3HC473J	WOUND RES 47KOHM 5% 5W	S AA	AE
R 0501	VRD-RA2HD151J	RES 150 OHM 5% 1/2W	S AA	AA	R 0716	VRN-VV3DBR18K	MET FILM R .18 OHM 10% 2W	S AA	AB
R 0502	VRS-TV1JD222J	2125 2.2KOHM 5% 1/10W SMD	S AA	AA	R 0717	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S AA	AA
R 0503	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	AA	R 0718	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	AA
R 0504	VRS-TV1JD393J	2125 39KOHM 5% 1/10W SMD	S AA	AA	R 0719	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S AA	AA
R 0505	VRS-TV1JD222J	2125 2.2KOHM 5% 1/10W SMD	S AA	AA	R 0720	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
R 0506	VRS-TQ2BD121J	OX RE 120 OHM 5% 1/8W SMD	S AA	AA	R 0721	VRD-RA2HD154J	RES 150KOHM 5% 1/2W	S AA	AA
R 0507	VRS-TV1JD822J	2125 8.2KOHM 5% 1/10W SMD	S AA	AA	R 0722	VRS-TV1JD330J	2125 33 OHM 5% 1/10W SMD	S AA	AA
R 0508	VRD-RA2BE681J	RES 680 OHM 5% 1/8W	S AA	AA	R 0723	VRS-VV3AB271J	MET OX RES 270 OHM 5% 1W	S AA	AA
R 0509	VRS-TV1JD393J	2125 39KOHM 5% 1/10W SMD	S AA	AA	R 0724	VRS-TQ2BD221J	OX RE 220 OHM 5% 1/8W SMD	S AA	AA
R 0510	VRS-TV1JD822J	2125 8.2KOHM 5% 1/10W SMD	S AA	AA	R 0727	VRD-RA2HD181J	RES 180 OHM 5% 1/2W	S AA	AA
R 0511	VRS-TV1JD151J	2125 150 OHM 5% 1/10W SMD	S AA	AA	R 0728	VRD-RA2HD181J	RES 180 OHM 5% 1/2W	S AA	AA
R 0512	VRS-TV1JD222J	2125 2.2KOHM 5% 1/10W SMD	S AA	AA	R 0730	VRS-VV3DB151J	MET OX RES 150 OHM 5% 2W	S AA	AA
R 0513	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	R 0733	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA
R 0514	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S AA	AA	R 0735	VRS-TV1JD474J	2125 470KOHM 5% 1/10W SMD	S AA	AA
R 0515	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S AA	AA	R 0736	VRS-TV1JD474J	2125 470KOHM 5% 1/10W SMD	S AA	AA
R 0516	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0737	VRS-TV1JD184J	2125 180KOHM 5% 1/10W SMD	S AA	AA
R 0517	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S AA	AA	R 0738	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA
R 0518	VRN-VV3DB2R2J	MET FILM R 2.2 OHM 5% 2W	S AA	AA	R 0739	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA
R 0519	VRD-RA2HD104J	RES 100KOHM 5% 1/2W	S AA	AA	R 0740	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA
R 0521	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA	△ R 0741	VRC-UA2HG825K	SOLID R 8.2MOHM 10% 1/2W	S AA	AA
R 0522	VRS-TV1JD331J	2125 330 OHM 5% 1/10W SMD	S AA	AA	R 0742	VRC-UA2HG825K	SOLID R 8.2MOHM 10% 1/2W	S AA	AA
R 0524	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0743	VRS-TQ2BD473F	OX RE 47KOHM 1% 1/8W	S AA	AA
R 0525	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA	R 0744	VRS-TQ2BD473F	OX RE 47KOHM 1% 1/8W	S AA	AA
R 0526	VRD-RA2BE332J	RES 3.3KOHM 5% 1/8W	S AA	AA	R 0745	VRS-TV1JD182F	2125 1.8KOHM 1% 1/10W SMD	S AA	AA
R 0527	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0746	VRS-TV1JD183J	2125 18KOHM 5% 1/10W SMD	S AA	AA
R 0528	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	R 0747	VRS-TV1JD272J	2125 2.7KOHM 5% 1/10W SMD	S AA	AA
R 0530	RR-XZ0200BMZZ	FUS RES 1R0 TAP 5% 1/2W	S AA	AB	R 0748	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA
R 0532	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S AA	AA	R 0750	VRS-TV1JD334J	2125 330KOHM 5% 1/10W SMD	S AA	AA
R 0533	VRD-RA2EE821J	RES 820 OHM 5% 1/4W	S AA	AA	R 0751	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA
R 0534	VRD-RA2BE273J	RES 27KOHM 5% 1/8W	S AA	AA	R 0754	VRS-TV1JD2R7J	2125 2.7 OHM 5% 1/10W SMD	S AA	AA
R 0535	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S AA	AA	R 0755	VRS-TV1JD391J	2125 390 OHM 5% 1/10W SMD	S AA	AA
R 0536	VRS-LU3LB331J	SET MET OX R 330 OHM 5% 3W LW	S AA	AB	R 0758	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 0537	VRS-TV1JD822J	2125 8.2KOHM 5% 1/10W SMD	S AA	AA	R 0762	VRS-TQ2BD221J	OX RE 220 OHM 5% 1/8W SMD	S AA	AA
R 0538	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S AA	AA	R 0763	RR-XZ0224BMZZ	FUS RES 100R TAP 5% 1/2W	S AA	AB
R 0539	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S AA	AA	R 0765	VRS-TQ2BD101J	OX RE 100 OHM 5% 1/8W SMD	S AA	AA
R 0540	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA	R 0766	VRS-TQ2BD101J	OX RE 100 OHM 5% 1/8W SMD	S AA	AA
R 0544	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	R 0767	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
R 0545	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	R 0768	VRS-TQ2BD221J	OX RE 220 OHM 5% 1/8W SMD	S AA	AA
R 0547	VRS-TV1JD392J	2125 3.9KOHM 5% 1/10W SMD	S AA	AA	R 0769	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S AA	AA
R 0548	VRS-TV1JD682J	2125 6.8KOHM 5% 1/10W SMD	S AA	AA	R 0770	RR-XZ0229BMZZ	FUS RES 270R TAP 5% 1/2W	S AA	AA
R 0549	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S AA	AA	R 0771	VRS-VV3AB474J	MET OX RES 470KOHM 5% 1W	S AA	AA
R 0552	VRS-TV1JD332J	2125 3.3KOHM 5% 1/10W SMD	S AA	AA	R 0774	VRS-TQ2BD474J	OX RE 470KOHM 5% 1/8W SMD	S AA	AA
R 0553	RR-XZ0101BMZZ	FUS RES 1R2 TAP 5% 1/3W	S AA	AB	R 0775	VRS-TQ2BD474J	OX RE 470KOHM 5% 1/8W SMD	S AA	AA

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
JL 0012	QCNW-2736BMZZ	WIRE 1 WAY	S AA	AF
JL 0014	QCNW-2736BMZZ	WIRE 1 WAY	S AA	AF
L 0002	QTIPM0017CEFM	TIP	S AA	AA
L 0005	QTIPM0017CEFM	TIP	S AA	AA
L 0006	QTIPM0017CEFM	TIP	S AA	AA
SW 0001	QPLGN0341CEZZ	PLUG	S AA	AA
SW 0002	QPLGN0341CEZZ	PLUG	S AA	AA
T 0702	RH-SX0003BMZZ	TRIAC BT134W-600 PHILIPS	S AA	AE
IC 1002	QSOCZ0115SC32	SOCKET IC 32 PIN	S AA	AB
PWB-B		CRT UNIT		
		INTEGRATED CIRCUITS		
IC 0850	VHITDA6111Q-1	IC TDA6111Q PHILIPS	S AH	AQ
IC 0851	VHITDA6111Q-1	IC TDA6111Q PHILIPS	S AH	AQ
IC 0852	VHITDA6111Q-1	IC TDA6111Q PHILIPS	S AH	AQ
		TRANSISTORS		
Q 0851	VS2SA1246/1E	TRT A1246 SANYO	S AA	AB
Q 0852	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB
Q 0853	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB
Q 0854	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB
Q 0855	RH-TX0143BMZZ	TRT TBC 557-B TOSHIBA	S AA	AA
Q 0856	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB
Q 0857	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB
Q 0858	RH-TX0143BMZZ	TRT TBC 557-B TOSHIBA	S AA	AA
Q 0859	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB
Q 0860	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB
Q 0861	RH-TX0143BMZZ	TRT TBC 557-B TOSHIBA	S AA	AA
Q 5405	RH-TX0111BMZZ	TRT PH-2369 PHILIPS	S AA	AB
Q 5406	RH-TX0135BMZZ	TRT BF324 PH	S AB	AC
Q 5407	VS2SA1837//1	TRT A1837 TOSHIBA	S AB	AE
Q 5408	VS2SC4793//1	TRT C4793 TOSHIBA	S AB	AE
Q 5410	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB
Q 5411	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB
Q 5412	RH-TX0143BMZZ	TRT TBC 557-B TOSHIBA	S AA	AA
Q 5414	RH-TX0108BMZZ	TRT BC635	S AA	AC
		DIODES		
D 0851	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA
D 0852	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA
D 0861	RH-DX0501BMZZ	DIODE 1N4004	S AA	AA
D 0862	RH-DX0501BMZZ	DIODE 1N4004	S AA	AA
D 0863	RH-DX0501BMZZ	DIODE 1N4004	S AA	AA
D 0864	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA
D 0865	RH-EX0408BMZZ	ZENER DIODE BZX79C5V1	S AB	AB
D 0866	RH-EX0408BMZZ	ZENER DIODE BZX79C5V1	S AB	AB
D 0867	RH-EX0408BMZZ	ZENER DIODE BZX79C5V1	S AB	AB
D 0868	RH-EX0409BMZZ	ZENER DIODE BZX79C5V6	S AA	AA
D 0869	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA
D 0870	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA
D 5408	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA
D 5409	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA
D 5411	RH-EX0418BMZZ	ZENER DIODE BZX79C13V	S AB	AB
		COILS		
L 0864	RCILP0276BMZZ	COIL AR621LY-470K-R TOKO	S AC	AD
		CAPACITORS		
C 0850	VCEAGA1CW337M	ELEC C 330UF 20% 16V	S AA	AC
C 0851	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S AA	AA
C 0852	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S AA	AA
C 0853	VCEAGA1CW108M	ELEC C 1000UF 20% 16V	S AA	AB
C 0854	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S AA	AA
C 0855	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S AA	AA
C 0856	RC-FZ4224BMNJ	POL FILM C 220nF 50V 5% ECQ-V PANASONIC	S AA	AC
C 0857	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S AA	AA
C 0859	RC-FZ4104BMNJ	POL FILM C 100nF 50V 5% ECQ-V PANASONIC	S AA	AB
C 0861	VCCCPA1HH5R0C	CERAM C 5PF % 50V	S AA	AA
C 0862	VCCCPA1HH7R0D	CERAM C 7PF % 50V	S AA	AA
C 0863	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S AA	AA
C 0865	VCCCPA1HH5R0C	CERAM C 5PF % 50V	S AA	AA
C 0868	VCEAGH2EW107M	ELEC C 100MF 20% 250V	S AC	AH
C 0869	VCKYPB3DE47Z	C DE1110-1E4722Z MURATA	S AA	AC
C 0871	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S AA	AA

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
C 0874	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S AA	AA
C 0877	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S AA	AA
C 0880	VCFYAA2EA333K	POL FILM C 33NF 10% 250V	S AC	AE
C 0881	VCCSPA1HL561J	CERAM C 560PF 5% 50V	S AA	AA
C 0882	VCFYAA2EA333K	POL FILM C 33NF 10% 250V	S AC	AE
C 0883	VCCSPA1HL561J	CERAM C 560PF 5% 50V	S AA	AA
C 0884	VCFYAA2EA333K	POL FILM C 33NF 10% 250V	S AC	AE
C 0885	VCCSPA1HL561J	CERAM C 560PF 5% 50V	S AA	AA
C 0887	VCEAGA1CW227M	ELEC C 220UF 20% 16V	S AA	AA
C 0890	RC-FZ4223BMNJ	POL FILM C 22nF 50V 5% ECQ-B PANASONIC	S AA	AA
C 0891	VCCCPA1HH101J	C CAPACITOR	S AA	AA
C 0892	VCCCPA1HH101J	C CAPACITOR	S AA	AA
C 0893	VCCCPA1HH101J	C CAPACITOR	S AA	AA
C 0894	VCEAGA1HW105M	ELEC C 1UF 20% 50V	S AA	AA
C 0895	VCEAGA2EW106M	ELEC C 10UF 20% 250V	S AA	AC
C 5405	RC-FZ4224BMNJ	POL FILM C 220nF 50V 5% ECQ-V PANASONIC	S AA	AC
C 5407	RC-FZ4103BMNJ	POL FILM C 10nF 50V 5% ECQ-B PANASONIC	S AA	AA
C 5408	VCKYPA2HB102K	CERAM C 1NF 10% 500V	S AA	AA
C 5409	RC-FZ4122BMNJ	POL FILM C 1,2NF 50V 5% ECQ-B PANASONIC	S AA	AA
C 5414	VCEAGA2CW226M	ELEC C 22UF 20% 160V	S AA	AC
C 5416	VCCCPA1HH100D	CERAM C 10PF 05% 50V	S AA	AA
C 5418	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S AA	AA
C 5419	VCEAGA1HW106M	ELEC C 10UF 20% 50V	S AA	AA
C 5420	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	AC
C 5421	RC-FZ4474BMNJ	POL FILM C 470nF 50V 5% ECQ-V PANASONIC	S AA	AC
C 5422	RC-FZ4473BMNJ	POL FILM C 47nF 50V 5% ECQ-B PANASONIC	S AA	AA
C 5424	RC-FZ6683BMNJ	PP FILM C 68NF 5% 250V	S AA	AB
		RESISTORS		
R 0853	VRD-RA2BE223J	RES 22KOHM 5% 1/8W	S AA	AA
R 0854	VRD-RA2BE471J	RES 470 OHM 5% 1/8W	S AA	AA
R 0855	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S AA	AA
R 0856	VRD-RA2EE680J	RES 68 OHM 5% 1/4W	S AA	AA
R 0857	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
R 0858	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	AA
R 0859	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
R 0860	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S AA	AA
R 0861	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S AA	AA
R 0862	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	AA
R 0863	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S AA	AA
R 0864	VRD-RA2BE471J	RES 470 OHM 5% 1/8W	S AA	AA
R 0865	VRD-RA2BE332J	RES 3,3KOHM 5% 1/8W	S AA	AA
R 0866	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S AA	AA
R 0867	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S AA	AA
R 0868	VRD-RA2BE152J	RES 1,5KOHM 5% 1/8W	S AA	AA
R 0869	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
R 0870	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	AA
R 0872	VRD-RA2BE682J	RES 6,8KOHM 5% 1/8W	S AA	AA
R 0873	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S AA	AA
R 0874	VRD-RA2BE471J	RES 470 OHM 5% 1/8W	S AA	AA
R 0875	VRD-RA2BE682J	RES 6,8KOHM 5% 1/8W	S AA	AA
R 0876	VRD-RA2BE682J	RES 6,8KOHM 5% 1/8W	S AA	AA
R 0880	VRS-VV3DB683J	MET OX RES 68KOHM 5% 2W	S AA	AA
R 0881	VRD-RA2BE750J	RES 75 OHM 5% 1/8W	S AA	AA
R 0882	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA
R 0883	VRS-VV3DB683J	MET OX RES 68KOHM 5% 2W	S AA	AA
R 0884	VRS-VV3DB683J	MET OX RES 68KOHM 5% 2W	S AA	AA
R 0885	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	AA
R 0886	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S AA	AA
R 0887	VRD-RA2HD331J	RES 330 OHM 5% 1/2W	S AA	AA
R 0888	VRC-MA2HG681J	SOLID R 680 OHM 5% 1/2W	S AA	AB
R 0889	VRD-RA2HD331J	RES 330 OHM 5% 1/2W	S AA	AA
R 0891	VRC-MA2HG681J	SOLID R 680 OHM 5% 1/2W	S AA	AB
R 0892	VRD-RA2HD331J	RES 330 OHM 5% 1/2W	S AA	AA
R 0894	VRC-MA2HG681J	SOLID R 680 OHM 5% 1/2W	S AA	AB
R 0895	VRD-RA2BE392J	RES 3,9KOHM 5% 1/8W	S AA	AA
R 1801	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S AA	AA
R 5415	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	AA
R 5416	VRD-RA2BE124J	RES 120KOHM 5% 1/8W	S AA	AA
R 5418	VRD-RA2BE124J	RES 120KOHM 5% 1/8W	S AA	AA
R 5419	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	AA
R 5420	VRD-RA2EE3R3J	RES 3,3 OHM 5% 1/4W	S AA	AA
R 5421	VRD-RA2EE3R3J	RES 3,3 OHM 5% 1/4W	S AA	AA
R 5424	VRS-VV3DB102J	MET OX RES 1KOHM 5% 2W	S AA	AA

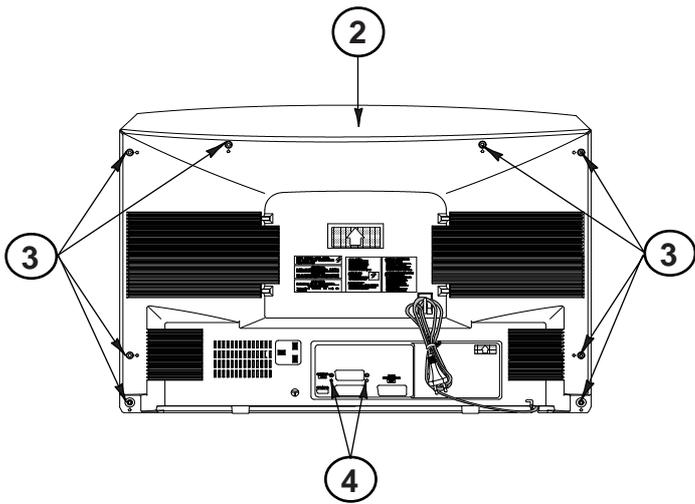
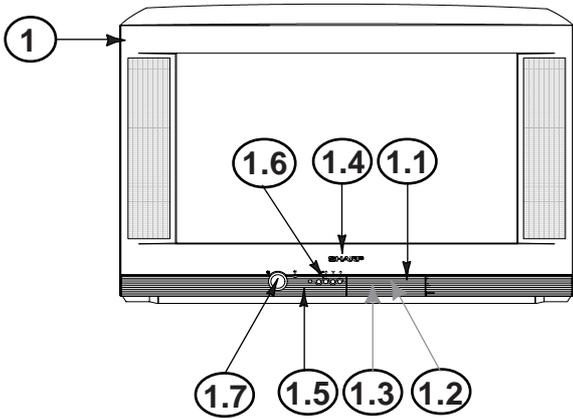
REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
R 5425	VRS-VV3LB332J	MET OX RES 3.3KOHM 5% 3W	S AA	AA	R 1604	VRS-VV3LB104J	MET OX RES 100KOHM 5% 3W	S AA	AB
R 5427	VRD-RA2BE222J	RES 2.2KOHM 5% 1/8W	S AA	AA	R 1605	VRS-VV3AB181J	MET OX RES 180 OHM 5% 1W	S AA	AA
R 5431	VRD-RA2BE391J	RES 390 OHM 5% 1/8W	S AA	AA	R 1606	VRD-RA2BE103J	RES 10KOHM 5% 1/8W	S AA	AA
R 5432	VRD-RA2BE180J	RES 18 OHM 5% 1/8W	S AA	AA	R 1607	VRD-RA2BE103J	RES 10KOHM 5% 1/8W	S AA	AA
R 5433	VRD-RA2BE101J	RES 100 OHM 5% 1/8W	S AA	AA	R 1608	VRD-RA2BE102J	RES 1KOHM 5% 1/8W	S AA	AA
R 5434	VRD-RA2BE152J	RES 1.5KOHM 5% 1/8W	S AA	AA	R 1609	VRS-TV1JD154J	2125 150KOHM 5% 1/10W SMD	S AA	AA
R 5435	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S AA	AA	R 1610	VRS-TV1JD823J	2125 82KOHM 5% 1/10W SMD	S AA	AA
R 5436	VRD-RA2BE221J	RES 220 OHM 5% 1/8W	S AA	AA	R 1611	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA
R 5437	RR-XZ0200BMZZ	FUS RES 1R0 TAP 5% 1/2W	S AA	AB	R 1612	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA
R 5438	VRD-RA2BE270J	RES 27 OHM 5% 1/8W	S AA	AA	R 1613	VRS-TV1JD273J	2125 27KOHM 5% 1/10W SMD	S AA	AA
R 5439	VRD-RA2BE270J	RES 27 OHM 5% 1/8W	S AA	AA	R 1625	VRD-RA2BE332J	RES 3.3KOHM 5% 1/8W	S AA	AA
R 5440	VRD-RA2BE270J	RES 27 OHM 5% 1/8W	S AA	AA	R 1628	RR-XZ0220BMZZ	FUS RES 47R TAP 5% 1/2W	S AA	AB
R 5441	VRD-RA2HD102J	RES 1KOHM 5% 1/2W	S AA	AA	R 1701	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S AA	AA
R 5442	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S AA	AA	R 1702	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S AA	AA
R 5443	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S AA	AA	R 1703	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S AA	AA
R 5444	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S AA	AA	R 1704	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S AA	AA
R 5445	VRD-RA2BE151J	RES 150 OHM 5% 1/8W	S AA	AA	R 1705	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S AA	AA
R 5446	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S AA	AA	R 1706	VRS-TQ2BD564J	RE OX 560KOHM 5% 1/8W SMD	S AA	AA
R 5447	VRD-RA2BE392J	RES 3.9KOHM 5% 1/8W	S AA	AA	R 1707	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
		MISCELLANEOUS PARTS			R 1708	VRS-TV1JD683J	2125 68KOHM 5% 1/10W SMD	S AA	AA
	QSOCV0936CEZZ	CRT SOCKET	S AF	AM	R 1709	VRD-RA2BE100J	RES 10 OHM 5% 1/8W	S AA	AA
(H)	QPLGN0541CEZZ	PLUG	S AA	AA	R 1710	VRN-VV3ABR47J	MET FILM R.47 OHM 5% 1W	S AA	AA
(K)	QPLGN0841CEZZ	PLUG	S AA	AA	R 1711	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
(L2)	QTIPM0017CEFM	TIP	S AA	AA	R 1712	VRS-TV1JD622F	2125 6.2KOHM 1% 1/10W SMD	S AA	AA
(MO)	QPLGN0441CEZZ	PLUG 4PIN	S AA	AA	R 1713	VRS-TQ2BD334F	OX RE 330KOHM 1% 1/8W SMD	S AA	AA
(SVM)	QPLGN0341CEZZ	PLUG	S AA	AA	R 1714	VRS-TQ2BD334F	OX RE 330KOHM 1% 1/8W SMD	S AA	AA
JF 0001	VRD-RA2BE104J	RES 100KOHM 5% 1/8W	S AA	AA	R 1715	VRS-TQ2BD334F	OX RE 330KOHM 1% 1/8W SMD	S AA	AA
		PWB-C					MISCELLANEOUS PARTS		
		DINAMIC FOCUS / PFC			FOCO	RVR-Z0001BMZZ	VAR-RESISTOR POT 8222 419 34301	S AR	BC
		INTEGRATED CIRCUITS			(F)	QPLGN0505CEZZ	PLUG	S AA	AB
IC 1601	RH-IX1596BMZZ	IC OPAM BA10358 ROHM	S AA	AD	(FF)	QPLGN0505CEZZ	PLUG	S AA	AB
IC 1701	RH-IX1801BMZZ	IC L6561D ST	S AC	AH	(L5)	QTIPM0017CEFM	TIP	S AA	AA
		TRANSISTORS			(L6)	QTIPM0017CEFM	TIP	S AA	AA
Q 1601	VS2SC5022/1E	TRT C5022 HITACHI	S AB	AF	(MO0000)	QPLGN0441CEZZ	PLUG 4PIN	S AA	AA
Q 1602	RH-TX0142BMZZ	TRT TBC 547-B TOSHIBA	S AA	AB	(PWA)	QCNCM0672FCZZ	CONN B2P3-VH JST	S AA	AB
Q 1701	RH-TX0231BMZZ	TRT 2SK2662 TOSHIBA	S AB	AG	FB 1701	RBLN-0080CEZZ	BALUNE	S AA	AE
		DIODES					PWB-D		
D 1601	RH-DX0484CEZZ	DIODE RH2F SANKEN	S AB	AE			DIGITAL MODULE UNIT		
D 1602	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA			INTEGRATED CIRCUITS		
D 1603	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA	IC 6001	RH-IX1790BMZZ	IC VPC3230D-BZ MICRONAS	S AV	BG
D 1604	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA	IC 6002	RH-IX1681BMZZ	IC SDA 9400	S BD	BU
D 1605	RH-EX0554BMZZ	ZENER DIODE TZMC12 TFK SMD	S AA	AA	IC 6003	RH-IX1788BMZZ	CI DDP3310B-E4 MICRONAS	S AU	BF
D 1606	RH-DX0045BMZZ	DIODE 1N4148	S AA	AA	IC 6005	RH-IX1674BMZZ	IC KA431AZ SAMSUNG	S AA	AD
D 1701	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA	IC 6006	RH-IX1556BMZZ	IC BA10393 SOP8 SMD ROHM	S AC	AD
D 1702	RH-EX0558BMZZ	ZENER DIODE TZMC18 TFK SMD	S AA	AA			TRANSISTORS		
D 1703	RH-DX0618BMZZ	DIODE BYV28-600 VISHAY	S AA	AE	Q 6003	RH-TX0108BMZZ	TRT BC635	S AA	AC
		TRANSFORMERS			Q 6006	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
T 1602	RTRNZ0575BMZZ	CHOPPER DINAMIC FOCUS DIEMEN	S AG	AS	Q 6008	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
T 1701	RTRNZ0587BMZZ	BOOST INDUCTOR PFC HR-275N-15021-00	S AG	AS	Q 6021	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
		CAPACITORS			Q 6022	VS2SA1037KQ-1	TRT BC807 SMD	S AA	AA
C 1601	RC-KZ0036CEZZ	CERAM C 330PF 2KV	S AA	AB	Q 6023	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
C 1602	RC-KZ0036CEZZ	CERAM C 330PF 2KV	S AA	AB	Q 6024	VS2SA1037KQ-1	TRT BC807 SMD	S AA	AA
C 1603	RC-KZ0052CEZZ	CERAM C 1000PF 2KV MURATA	S AA	AC	Q 6025	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
C 1604	VCFPVC3CA822H	PP FILM C 8.2NF 50% 1.6KV	S AA	AD	Q 6026	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
C 1605	VCEAGA1HW335M	ELEC C 3.3UF 20% 50V	S AA	AA	Q 6027	VS2SC2412KQ-1	TRT 2SC2412 ROHM	S AA	AA
C 1612	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA			DIODES		
C 1613	VCEAGA1EW227M	ELEC C 220UF 20% 25V	S AA	AA	D 6001	RH-EX0544BMZZ	ZENER DIODE TZMC4V7 TFK SMD	S AA	AA
C 1701	RC-FZ0186BMZZ	C 22NF 630V 222237514223 PHILIPS	S AA	AD	D 6002	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
C 1702	RC-FZ4103BMNJ	POL FILM C 10NF 50V 5% ECO-B PANASONIC	S AA	AA	D 6003	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
C 1703	VCEAGA1EW226M	ELEC C 22UF 20% 25V	S AA	AA	D 6004	RH-EX0544BMZZ	ZENER DIODE TZMC4V7 TFK SMD	S AA	AA
C 1704	RC-KZ0035CEZZ	CERAM C 220PF 2KV	S AA	AC	D 6005	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
C 1705	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S AA	AA	D 6006	RH-EX0561BMZZ	ZENER DIODE TZMC24 TFK SMD	S AA	AA
C 1706	VCKYTV1HB103K	CERAM C 10NF 50V 2125SMD	S AA	AA	D 6007	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
C 1707	RC-FZ0186BMZZ	C 22NF 630V 222237514223 PHILIPS	S AA	AD	D 6008	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
		RESISTORS			D 6010	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
R 1601	VRC-MA2HG333J	SOLID R 33KOHM 5% 1/2W	S AA	AB	D 6013	RH-EX0540BMZZ	ZENER DIODE TZMC3V3 TFK SMD	S AA	AA
R 1602	VRS-VV3LB104J	MET OX RES 100KOHM 5% 3W	S AA	AB	D 6014	RH-EX0546BMZZ	ZENER DIODE TZMC5V6 TFK SMD	S AA	AA
R 1603	VRS-VV3LB104J	MET OX RES 100KOHM 5% 3W	S AA	AB	D 6015	RH-DX0551BMZZ	DIODE LL4148 TFK SMD	S AA	AA
							PACKAGED CIRCUITS		
					X 1003	RCRSB0236BMZZ	CRYSTAL 5MHZ ACAL	S AB	AG

REF No.	PARTS	DESCRIPTION	* SN CODE	EK CODE
X 6001	RCRSB0219BMZZ	CRYSTAL 20.25 MHZ	S AG	AH
X 6002	RCRSB0242BMZZ	CRYSTAL 27MHZ	S AC	AH
COILS				
L 6001	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6002	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6003	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6004	VP-NM100KR42N	COIL 10UH SMD	S AA	AC
L 6005	VP-NM1R0MR10N	COIL 1UH SMD	S AB	AB
L 6006	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	AA
L 6007	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6008	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6009	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6010	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6012	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6013	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6014	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6015	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
L 6017	VP-NM3R3MR19N	COIL 3.3UH SMD	S AA	AC
CAPACITORS				
C 6001	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S AA	AA
C 6002	VCKYTV1HB152K	CERAM C 1.5NF 50V 2125SMD	S AA	AA
C 6004	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S AA	AA
C 6005	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S AA	AA
C 6006	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S AA	AA
C 6007	VCKYTV1HB152K	CERAM C 1.5NF 50V 2125SMD	S AA	AA
C 6008	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6009	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S AA	AA
C 6010	VCKYTV1HF683Z	CERAM C 68NF 50V 2125SMD	S AA	AA
C 6011	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6012	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6013	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6014	VCEAGA1HW335M	ELEC C 3.3UF 20% 50V	S AA	AA
C 6015	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6016	VCEAGA1CW226M	ELEC C 22UF 20% 16V	S AA	AA
C 6017	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S AA	AA
C 6018	VCKYTV1HF153Z	CERAM C 15NF 50V 2125SMD	S AA	AA
C 6019	VCKYTV1HF153Z	CERAM C 15NF 50V 2125SMD	S AA	AA
C 6020	VCKYTV1HF153Z	CERAM C 15NF 50V 2125SMD	S AA	AA
C 6021	VCEAGA1CW226M	ELEC C 22UF 20% 16V	S AA	AA
C 6022	VCKYTV1HF223Z	CERAM C 22NF 50V 2125SMD	S AA	AA
C 6023	VCEAGA1CW226M	ELEC C 22UF 20% 16V	S AA	AA
C 6024	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6025	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	AA
C 6026	VCKYTV1HB152K	CERAM C 1.5NF 50V 2125SMD	S AA	AA
C 6027	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S AA	AA
C 6028	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S AA	AA
C 6029	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA
C 6030	VCEAGA0JW477M	ELEC C 470UF 20% 6.3V	S AA	AA
C 6031	VCCCTV1HH3R3C	CERAM C 3.3PF 50V 2125SMD	S AA	AA
C 6032	VCCCTV1HH3R3C	CERAM C 3.3PF 50V 2125SMD	S AA	AA
C 6033	VCKYTV1HF103Z	CERAM C 10NF 50V 2125SMD	S AA	AA
C 6034	VCEAGA0JW477M	ELEC C 470UF 20% 6.3V	S AA	AA
C 6035	VCEAGA1CW476M	ELEC C 47UF 20% 16V	S AA	AA
C 6036	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S AA	AA
C 6037	VCKYTV1HF473Z	CERAM C 47NF 50V 2125SMD	S AA	AA
C 6038	VCCCTV1HH391J	CERAM C 390PF 50V 2125SMD	S AA	AA
C 6039	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S AA	AB
C 6040	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S AA	AB
C 6041	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6042	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6043	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S AA	AA
C 6044	VCCCTV1HH270J	CERAM C 27PF 50V 2125SMD	S AA	AA
C 6045	VCCCTV1HH270J	CERAM C 27PF 50V 2125SMD	S AA	AA
C 6046	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S AA	AB
C 6047	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S AA	AB
C 6048	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6049	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6050	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S AA	AA
C 6051	VCKYTV1HB152K	CERAM C 1.5NF 50V 2125SMD	S AA	AA
C 6052	VCKYTV1EF224Z	CERAM C 220NF 25V 2125SMD	S AA	AA
C 6053	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S AA	AB
C 6054	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S AA	AB

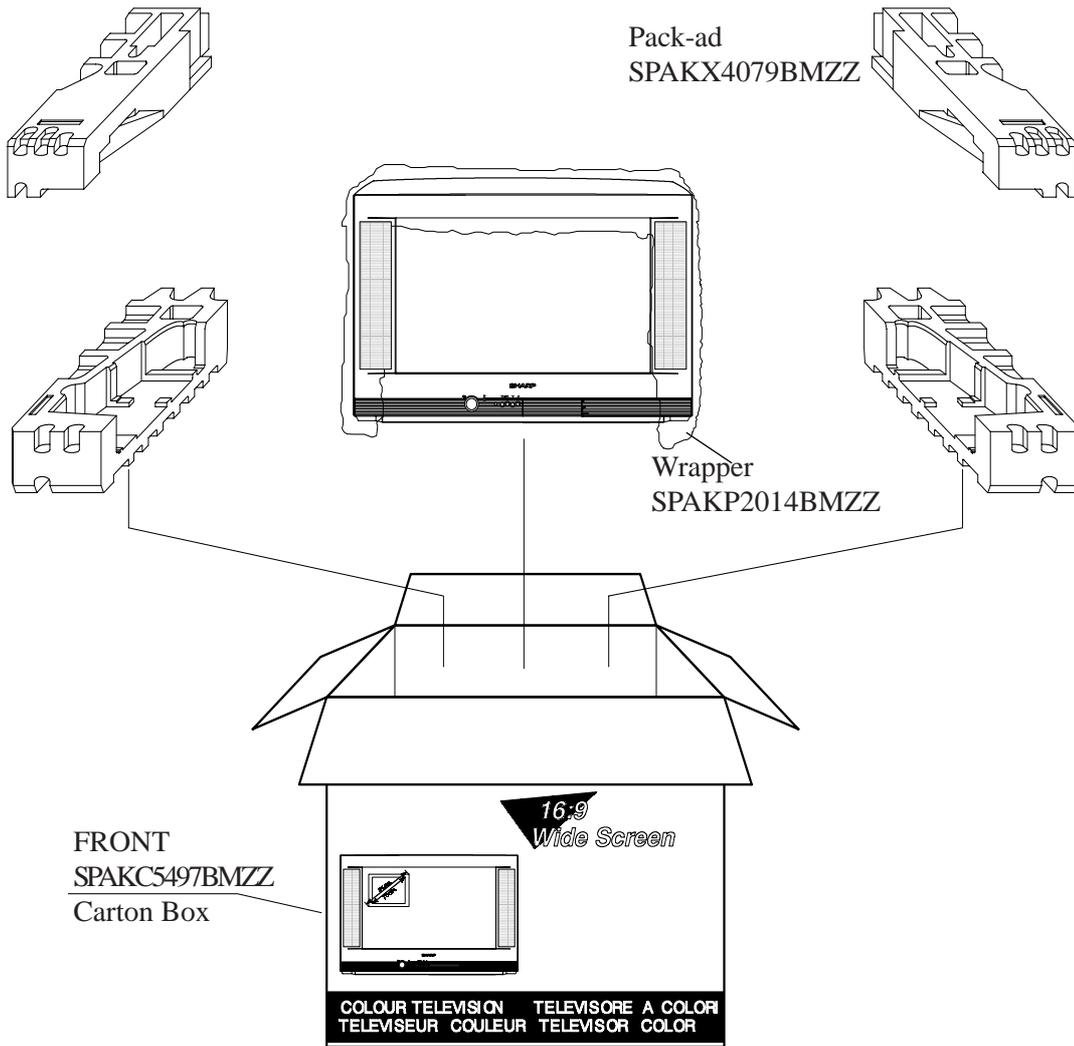
REF No.	PARTS	DESCRIPTION	* SN CODE	EK CODE
C 6055	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S AA	AA
C 6056	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S AA	AA
C 6057	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S AA	AA
C 6058	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S AA	AA
C 6059	VCCCTV1HH331J	CERAM C 330PF 50V 2125SMD	S AA	AA
C 6060	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 6061	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S AA	AB
C 6062	VCKYTV1EF334Z	CERAM C 330NF 25V 2125SMD	S AA	AB
C 6063	VCCCTV1HH560J	CERAM C 56PF 50V 2125SMD	S AA	AA
C 6064	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 6065	VCEAGA1CW106M	ELEC C 10UF 20% 16V	S AA	AA
C 6066	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6067	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6068	VCKYTV1HB102K	CERAM C 1NF 50V 2125SMD	S AA	AA
C 6069	VCEAGA1CW107M	ELEC C 100UF 20% 16V	S AA	AA
C 6070	VCCCTV1HH151J	CERAM C 150PF 50V 2125SMD	S AA	AA
C 6072	VCCCTV1HH330J	CERAM C 33PF 50V 2125SMD	S AA	AA
C 6073	VCCCTV1HH330J	CERAM C 33PF 50V 2125SMD	S AA	AA
C 6074	VCKYTV1HF104Z	CERAM C 100NF 50V 2125SMD	S AA	AA
C 6078	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S AA	AA
C 6079	RC-FZ9223BMNJ	POL FILM C 22NF 5% 63V	S AA	AB
C 6081	VCCCTV1HH221J	CERAM C 220PF 50V 2125SMD	S AA	AA
C 6083	RC-FZ4154BMNJ	POL FILM C 150NF 50V 5% ECQ-V PANASONIC	S AA	AA
C 6084	VCKYTV1HB222K	CERAM C 2.2NF 50V 2125SMD	S AA	AA
C 6085	VCCCTV1HH330J	CERAM C 33PF 50V 2125SMD	S AA	AA
C 6109	VCKYTV1CF105Z	CERAM C 1UF 16V 2125SMD	S AA	AA
C 6110	VCKYTV1HB393K	CERAM C 39NF 50V 2125SMD	S AA	AA
C 6205	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA
C 6225	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA
C 6226	VCCCTV1HH101J	CERAM C 100PF 50V 2125SMD	S AA	AA
RESISTORS				
R 6001	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA
R 6002	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA
R 6003	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA
R 6004	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S AA	AA
R 6005	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S AA	AA
R 6006	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S AA	AA
R 6007	VRS-TV1JD821J	2125 820 OHM 5% 1/10W SMD	S AA	AA
R 6008	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6009	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6010	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6011	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6012	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6013	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6014	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6015	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6016	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6017	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6018	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6019	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6020	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6021	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6022	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6023	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6024	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6025	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6026	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6027	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6028	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6029	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6030	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6031	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA
R 6032	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA
R 6035	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA
R 6036	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA
R 6037	VRS-TV1JD562J	2125 5.6KOHM 5% 1/10W SMD	S AA	AA
R 6038	VRS-TV1JD473J	2125 47KOHM 5% 1/10W SMD	S AA	AA
R 6039	VRS-TV1JD472J	2125 4.7KOHM 5% 1/10W SMD	S AA	AA
R 6040	VRS-TV1JD222J	2125 2.2KOHM 5% 1/10W SMD	S AA	AA
R 6041	VRS-TV1JD181J	2125 180 OHM 5% 1/10W SMD	S AA	AA
R 6042	VRS-TV1JD222J	2125 2.2KOHM 5% 1/10W SMD	S AA	AA
R 6043	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S AA	AA
R 6048	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE	REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
R 6049	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA	△ C 6746	RC-FZ0192BMZZ	C 330NF 275V X2 222233820334 PHILIPS	S AA	AD
R 6050	RR-XZ0204BMZZ	FUS RES 2R2 TAP 5% 1/2W	S AA	AB	RESISTORS				
R 6051	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA	R 6316	VRD-RA2BE391J	RES 390 OHM 5% 1/8W	S AA	AA
R 6052	VRS-TV1JD821F	2125 820 OHM 1% 1/10W SMD	S AA	AA	R 6317	VRD-RA2BE391J	RES 390 OHM 5% 1/8W	S AA	AA
R 6054	VRS-TV1JD272F	2125 2,7KOHM 1% 1/10W SMD	S AA	AA	R 6449	VRD-RA2EE750J	RES 75 OHM 5% 1/4W	S AA	AA
R 6068	VRS-TV1JD681J	2125 680 OHM 5% 1/10W SMD	S AA	AA	R 6701	VRD-RA2HD124J	RES 120KOHM 5% 1/2W	S AA	AA
R 6069	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S AA	AA	R 6702	VRD-RA2HD124J	RES 120KOHM 5% 1/2W	S AA	AA
R 6071	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA	MISCELLANEOUS PARTS				
R 6072	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA	LP 6701	RLAMP0001BMZZ	NEON TYPE 4/30HB NEOTRONIC	S AB	AC
R 6073	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA	M 6701	RRMCU0203BMZZ	R/C RECEIVER TS0P1738 TFK	S AD	AG
R 6074	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA	△ S 6701	QSW-P0613BMZZ	SWITH S95 GDE	S AB	AG
R 6075	VRS-TV1JD750J	2125 75 OHM 5% 1/10W SMD	S AA	AA	S 6702	QSW-K0079GEZZ	TACTILE SWITCH	S AA	AA
R 6080	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA	S 6703	QSW-K0079GEZZ	TACTILE SWITCH	S AA	AA
R 6081	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA	S 6704	QSW-K0079GEZZ	TACTILE SWITCH	S AA	AA
R 6082	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA	S 6705	QSW-K0079GEZZ	TACTILE SWITCH	S AA	AA
R 6083	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA	SW 0001	QPLGN0341CEZZ	PLUG	S AA	AA
R 6084	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA	SW 0002	QPLGN0341CEZZ	PLUG	S AA	AA
R 6086	VRS-TV1JD105J	2125 1MOHM 5% 1/10W SMD	S AA	AA	(A)	QCQW-2820BMZZ	VOLTAGE SUPPLY 220V	S AA	AE
R 6087	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA	(A)	QPLGN0207CEZZ	PLUG	S AA	AA
R 6088	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA	(CC)	QCQW-2801BMZZ	WIRE 2 WAYS (CC)	S AA	AF
R 6089	VRS-TV1JD122J	2125 1,2KOHM 5% 1/10W SMD	S AA	AA	(CC)	QPLGN0241CEZZ	PLUG	S AA	AA
R 6090	VRS-TV1JD153J	2125 15KOHM 5% 1/10W SMD	S AA	AA	(FV)	QCQW-2825BMZZ	WIRE (FV) 2 WAYS	S AA	AF
R 6092	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA	(FV)	QPLGN0241CEZZ	PLUG	S AA	AA
R 6095	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA	(H)	QPLGN0304CEZZ	PLUG	S AA	AB
R 6096	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S AA	AA	(HD)	QCQW-2849BMZZ	WIRE 3 WAYS HD	S AA	AE
R 6097	VRS-TV1JD101J	2125 100 OHM 5% 1/10W SMD	S AA	AA	(HD)	QPLGN0341CEZZ	PLUG	S AA	AA
R 6098	VRS-TV1JD331J	2125 330 OHM 5% 1/10W SMD	S AA	AA	(RC)	QCQW-2797BMZZ	WIRE 3 WAYS (RD)	S AA	AD
R 6099	VRS-TV1JD680J	2125 68 OHM 5% 1/10W SMD	S AA	AA	(RC)	QPLGN0341CEZZ	PLUG	S AA	AA
R 6100	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	(SS)	QCQW-2792BMZZ	WIRE 3 WAYS (SS)	S AA	AE
R 6101	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	(SS)	QPLGN0341CEZZ	PLUG	S AA	AA
R 6102	VRS-TV1JD334J	2125 330KOHM 5% 1/10W SMD	S AA	AA	(SW1)	QCQW-2797BMZZ	WIRE 3 WAYS (RD)	S AA	AD
R 6103	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA	(SW2)	QCQW-2797BMZZ	WIRE 3 WAYS (RD)	S AA	AD
R 6104	VRS-TV1JD475J	2125 4,7MOHM 5% 1/10W SMD	S AA	AA	CN 0004	QJAKJ0101SEZZ	MINIATURE PHONE JACK MORNING STAR	S AA	AD
R 6105	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S AA	AA	F 6701	QFS-C3226CEZZ	FUSE T3.15AH 250V	S AC	AE
R 6106	VRS-TV1JD683J	2125 68KOHM 5% 1/10W SMD	S AA	AA	J 6401	QJAKZ0015CEZZ	JACK	S AH	AM
R 6107	VRS-TV1JD564J	2125 560KOHM 5% 1/10W SMD	S AA	AA	MISCELLANEOUS PARTS				
R 6117	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	(FH)	QCQW-2814BMZZ	WIRE (FH) 4 WAYS	S AA	AG
R 6118	VRS-TV1JD104J	2125 100KOHM 5% 1/10W SMD	S AA	AA	(SVM)	QCQW-2757BMZZ	WIRE (KC) 2 VIAS	S AB	AF
R 6124	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA		QEARC0023BMZZ	CABLE EARHT 32" DA-100W	S AC	AF
R 6125	VRS-TV1JD221J	2125 220 OHM 5% 1/10W SMD	S AA	AA		LCHSM1011BMZZ	CHASSIS FRAME	S AA	AL
R 6126	VRS-TV1JD102J	2125 1KOHM 5% 1/10W SMD	S AA	AA		QCQW-2745BMZZ	MAT WIRE OREGA 100463.20	S AA	AH
R 6127	VRS-TV1JD223J	2125 22KOHM 5% 1/10W SMD	S AA	AA		QCQW-2782BMZZ	WIRE 3 WAYS (RGB)	S AA	AK
R 6128	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		QCQW-2819BMZZ	WIRE 20020000-0 MARBEL	S AA	AC
R 6129	VRS-TV1JD000J	2125 0 OHM 5% 1/10W SMD	S AA	AA		QCQW-2830BMZZ	WIRE 13040000-0 MARBEL	S AA	AC
R 6130	VRS-TV1JD271J	2125 270 OHM 5% 1/10W SMD	S AA	AA	(F)	QCQW-2828BMZZ	WIRE (F) 4 WAYS	S AB	AF
R 6307	VRS-TV1JD103J	2125 10KOHM 5% 1/10W SMD	S AA	AA	(F1)	QCQW-2866BMZZ	HIGHT VOLTAGE FOCUS WIRE	S AA	AC
MISCELLANEOUS PARTS					(F2)	QCQW-2866BMZZ	HIGHT VOLTAGE FOCUS WIRE	S AA	AC
(KA)	QPLGN0842CEZZ	PLUG	S AA	AB	(H)	QCQW-2783BMZZ	WIRE (KA) 5 WAYS	S AA	AF
(NOA)	QPWBF7295BMNO	PWB/DIGITAL MODULE VPC	S --	--	(MO)	QCQW-2858BMZZ	WIRE DOUBLE 4 WAYS	S AA	AH
(RGB)	QPLGN0442CEZZ	PLUG	S AA	AA	(PW)	QCQW-2868BMZZ	POWER SUPPLIER WIRE PFC PWA	S AB	AF
(YA)	QPLGN1285CEZZ	PLUG	S AB	AD	FB 0001	RCORF0002BMZZ	FERRITE CORE TFC-16816EX	S AF	AK
(YB)	QPLGN1285CEZZ	PLUG	S AB	AD	L 0005	QCQW-2861BMZZ	WIRE WROUND DOUBLE AISOLATION	S AA	AD
(YC)	QPLGN1285CEZZ	PLUG	S AB	AD	L 0006	QCQW-2861BMZZ	WIRE WROUND DOUBLE AISOLATION	S AA	AD
FB 6205	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	AA	(S)	QCQW-2862BMZZ	WIRE SPEAKERS FOR 32" FLAT	S AA	AG
FB 6206	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	AA	△	QACCZ2100BMSA	AC CORD	S AH	AR
FB 6207	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	AA	(K)	QCQW-2793BMZZ	WIRE (K)	S AA	AM
FB 6208	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	AA	(SPK)	RCORF0002BMZZ	FERRITE CORE TFC-16816EX	S AF	AK
FB 6210	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	AA		VSP1206PB617A	SPAEAKER 7 OHM 12x6CM SEA TRADE ELECTRON	S AE	AN
FB 6211	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	AA		RRMCG1070BMSA	R/C WIDE MODEL HOSHIDEN	S AK	AW
FB 6212	VRS-TQ2BD000J	3216 0 OHM 5% 1/8W SMD	S AA	AA	CABINET PARTS				
PWB-E POWER SWITCH AV UNIT					1	CCABA1353BMV1	CABINET SET 32HW57E	S --	--
COILS					1.1	GDORF1063BMSA	DOOR	S AA	AE
L 6317	VP-DF3R3K0000	PEAK COIL 3,3UH 10%	S AB	AB	1.2	PKAI-1083BM00	DOOR LATCH	S AC	AF
L 6318	VP-DF3R3K0000	PEAK COIL 3,3UH 10%	S AB	AB	1.3	HINDP5122BMSA	INDICATOR	S --	--
L 6701	RCILF0108BMZZ	COIL 472839.00 THOMSON	S AF	AL	1.4	HBDGB3141CESA	SHARP BADGE	S AB	AG
CAPACITORS					1.5	HDECQ0067BMSA	DECORATION	S AA	AC
C 6336	VCKZPA1HF103Z	CERAM C 10NF % 50V	S AA	AA	1.6	JBTN-1080BMSA	UP/DOWN BUTTON	S AA	AD
C 6337	VCKZPA1HF103Z	CERAM C 10NF % 50V	S AA	AA	1.7	JBTN-1079BMSA	POWER BUTTON	S AA	AC
C 6428	VCKZPA1HB102K	CERAM C 1NF 10% 50V	S AA	AA	△ 2	GCABB1130BMKA	REAR CABINET	S AA	BK
C 6429	VCKZPA1HB102K	CERAM C 1NF 10% 50V	S AA	AA	3	XTASB40P2000	REAR CABINET SCREWS	S AA	AA
C 6701	RC-FZ0160BMZZ	C B81133-D1474-M 470nF 275V SIEMENS	S AC	AF	4	XTBSB30P13000	AV SCREWS	S AA	AA

REF No.	PARTS	DESCRIPTION	* SN CODE	EX CODE
OPERATION MANUAL				
	TINS-7131BMNO	OPERATION MANUAL 32HW-57EDE	S AA	AY
	TINS-7154BMNO	OPERATION MANUAL 32HW-57EES	S AA	AY
	TINS-7147BMNO	OPERATION MANUAL 32HW-57EIT	S AA	AY
	TINS-7149BMNO	OPERATION MANUAL 32HW-57ESE	S AA	AY



PACKING OF THE SET

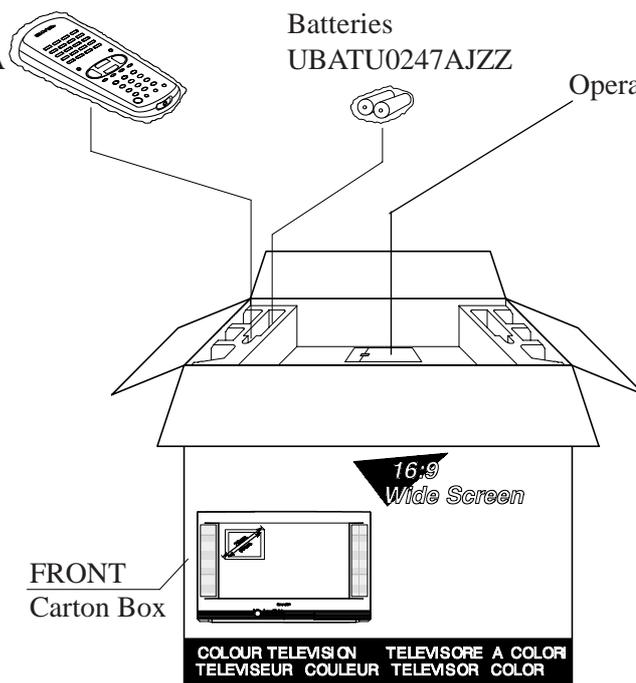


ACCESSORIES

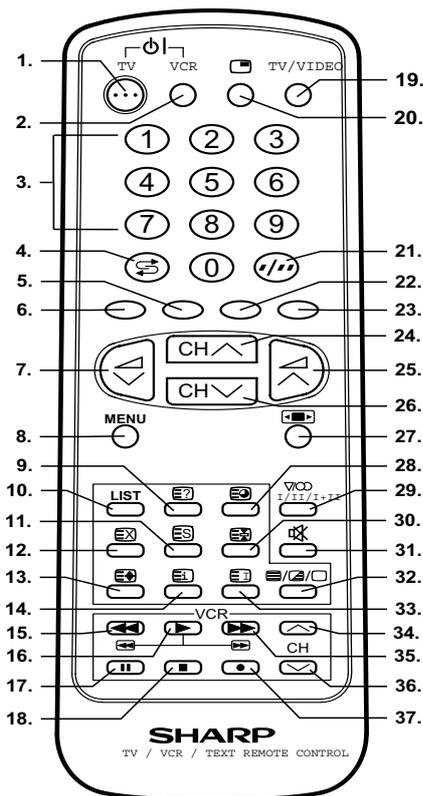
Remote Control
RRMCG1070BMSA

Batteries
UBATU0247AJZZ

Operation Manual Set



REMOTE CONTROL

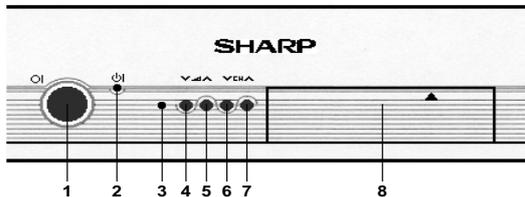


- 1. Stand-by ON/OFF switch (TV)
- 2. Power ON / OFF switch (VCR)
- 3. Digit buttons 0 - 9
- 4. Flashback button
- 5. Colour button (green)
- 6. Colour button (red)
- 7. Volume DOWN/Cursor control
- 8. Menu button
- 9. Reveal button
- 10. List selector
- 11. Store button
- 12. Cancel button
- 13. Half page button
- 14. Cursor button
- 14. Sub-titles button
- 15. Rewind/picture search/reverse
- 16. Play button
- 17. Pause / Still button
- 18. Stop button
- 19. TV / VIDEO selector
- 20. Call button
- 21. Single/Double entry
- 22. Colour button (yellow)
- 23. Colour button (cyan)
- 24. Channel UP/Cursor control UP
- 25. Volume UP/Cursor control RIGHT
- 26. Channel DOWN/Cursor control DOWN
- 27. Wide Mode selector
- 28. Time button
- 29. Sound mode selector
- 30. Hold button
- 31. Sound Mute button
- 32. Text/Mix/Picture button
- 33. Index button
- 34. Channel Up selector
- 35. Fast forward/picture search/forward
- 36. Channel Down selector
- 37. Record button

CONTROLS & TERMINALS

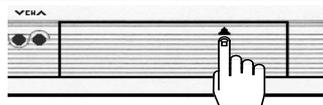
FRONT TV

1. Main Power On/Off Switch
2. Power Indicator
3. Remote Control Sensor
4. Volume Button (DOWN)
5. Volume Button (UP)
6. Program Selector (DOWN)
7. Program Selector (UP)
8. Door



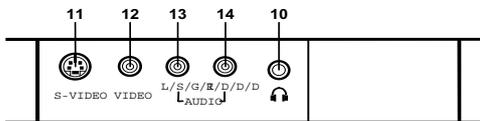
HOW TO OPEN THE DOOR

Press the top of the door, opening it slightly hook your finger inside and pull open.



Behind the door

10. Headphone Socket (3.5mm / 16-600 ohms)
11. S-Video input terminal
12. Video Input Terminal (PAL/SECAM/NTSC)
13. Audio Input Terminal (left)
14. Audio Input Terminal (right)



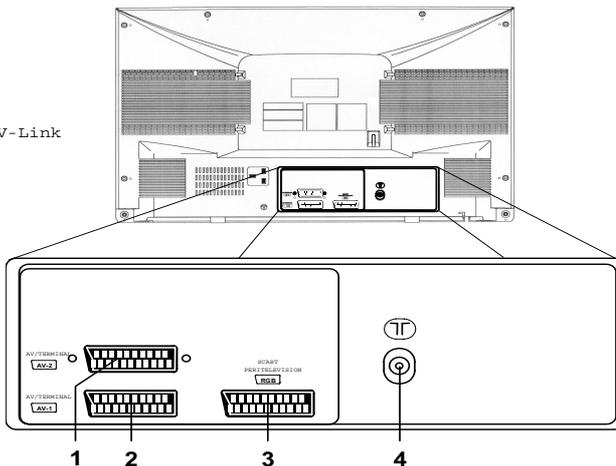
REAR TV

21-pin In/Out

1. 21-pin Audio/Video (AV-2)
With PAL/SECAM/NTSC Video Input
2. 21-pin Audio/Video (AV-1)
With PAL/SECAM/NTSC Video Input/AV-Link
3. 21-pin Euro SCART (RGB)
With PAL/SECAM/NTSC Video Input

RF Input

4. Aerial terminal



NOTES:

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