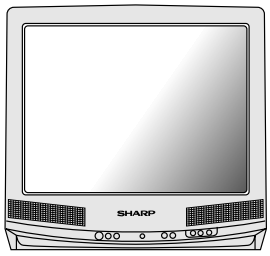
SHARP SERVICE MANUAL

S37W727J-S100

27J-S180



27J-S100/S260
CJ27S10/26

COLOR TELEVISION

Chassis No. SN-71

27J-S100/180/260

MODELS CJ27S10/26

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

POWER INPUT ..... 120 V AC 60 Hz
POWER RATING ..... 126 W
PICTURE SIZE ..... 2,193cm2(340sq inch)
CONVERGENCE ..... Magnetic
SWEEP DEFLECTION ..... Magnetic
FOCUS ..... Hi-Bi-Potential Electrostatic
INTERMEDIATE FREQUENCIES
Picture IF Carrier Frequency ..... 45.75 MHz
Sound IF Carrier Frequency ..... 41.25 MHz
Color Sub-Carrier Frequency ..... 42.17 MHz
..... (Nominal)
AUDIO POWER .....
OUTPUT RATING ..... 2.6W (at 10% distortion)
SPEAKER
SIZE ..... 8cm(Round)
VOICE COIL IMPEDANCE ..... 8ohm at 400 Hz
ANTENNA INPUT IMPEDANCE
VHF/UHF ..... 75 ohm Unbalanced
TUNING RANGES
VHF-Channels 2thru 13
UHF-Channels 14thru 69
CATV Channels 1thru 125
..... (EIA, Channel Plan)

Specifications are subject to change without prior notice.

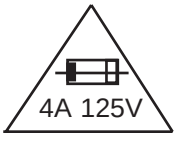
SHARP ELECTRONICS CORPORATION
Service Headquarters: Sharp Plaza, Mahwah, New Jersey 07430-2135
SHARP ELECTRONICS OF CANADA LTD.
335 Britannia Road East Mississauga,Ontario L4Z 1W9 Canada

IMPORTANT SERVICE SAFETY PRECAUTION

■ Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and servicing guidelines which follow:

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.
3. Semiconductor heat sinks are potential shock hazards when the chassis is operating.
4. The chassis in this receiver has two ground systems which are separated by insulation material. The non-isolated (hot) ground system is for the B+ voltage regulator circuit and the horizontal output circuit.The isolated ground system is for the low B+ DC voltages and the secondary circuit of the high voltage transformer.
   To prevent electrical shock use an isolation transformer between the line cord and power receptacle, when servicing this chassis.



CAUTION: FOR CONTINUED PROTECTION AGAINST A RISKOF FIRE, REPLACE ONLY WITH SAME TYPE 4A-125V FUSE.

SERVICING OF HIGH VOLTAGE SYSTEM AND PICTURE TUBE

When servicing the high voltage system, remove the static charge by connecting a 10k ohm resistor in series with an insulated wire (such as a test probe) between the picture tube ground and the anode lead. (AC line cord should be disconnected from AC outlet.)

1. Picture tube in this receiver employs integral implosion protection.
2. Replace with tube of the same type number for continued safety.
3. Do not lift picture tube by the neck.
4. Handle the picture tube only when wearing shatterproof goggles and after discharging the high voltage anode completely.

X-RADIATION AND HIGH VOLTAGE LIMITS

1. Be sure all service personnel are aware of the procedures and instructions covering X-radiation. The only potential source of X-ray in current solid state TV receivers is the picture tube. However, the picture tube does not emit measurable X-Ray radiation if the high
   voltage is as specified in the "High Voltage Check" instructions.
   It is only when high voltage is excessive that X-radiation is capable of penetrating the shell of the picture tube including the lead in glass material. The important precaution is to keep the high voltage below the maximum level specified.
2. It is essential that service personal have available at all times an accurate high voltage meter.
   The calibration of this meter should be checked periodically.
3. High voltage should always be kept at the rated value - no higher. Operation at higher voltages may cause a failure of the picture tube or high voltage circuitry and;also under certain conditions, may produce radiation exceeds specifications.
4. When the high voltage regulator is operating properly there is no possibility of an X-radiation problem. Every time a color chassis is serviced, the brightness should be tested while monitoring the high voltage with a meter to be certain that the high voltage does not exceed the specified value and that it is regulating correctly.
5. Do not use a picture tube other than that specified or make unrecommended circuit modifications to the high voltage circuitry.
6. When trouble shooting and taking test measurements on a receiver with excessive high voltage, avoid being unnecessarily close to the receiver.
   Do not operate the receiver longer than is necessary to locate the cause of excessive voltage.

IMPORTANT SERVICE SAFETY PRECAUTION

(Continued)

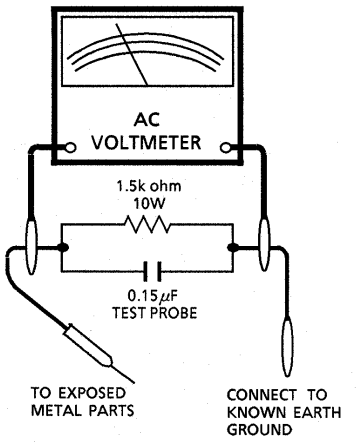
BEFORE RETURNING THE RECEIVER

(Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks.

1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 120 volt AC outlet, (Do not use an isolation transformer for this test).
- Using to clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity to measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis
  (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.
  All check must be repeated with the AC line cord plug connection reversed. (IF necessary, a non-polarized adapter plug must be used only for the purpose of completing these check.)
  Any current measured must not exceed 0.5 milliamp.
  Any measurements not within the limits outlined above are indicative of a potential shock hazard and corrective action must be taken before returning the instrument to the customer.



SAFETY NOTICE

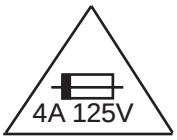
Many electrical and mechanical parts in television receivers have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have specialsafety characteristics are identified in this manual; electrical components having such features are identified by " ⚠ " and shaded areas in the ***Replacement Parts Lists*** and ***Schematic Diagrams***. For continued protection, replacement parts must be identical to those used in the original circuit. The use of substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire, X-radiation or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ **Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.**

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.
3. Les déversoirs thermiques à semi-conducteurs peuvent présenter un danger de choc électrique lorsque le réceqteur est en marche.
4. Le châssis de ce récepteur a deux systèmes de mise à la terre qui sont séparés par un matériau isolant. Le système de mise à la terre non-isolée (chaud) est pour le circuit du régulateur de tension B+ et le circuit de sortie horizontale. Le système de mise à la terre isolé est pour les basses tensions C. C.B + et le circuit secondaire du transformateur de haute tension.



PRECAUTION:POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE PAR UN FUSIBLE DE MEME TYPE 4A-125V.

REPARATION DU SYSTEME A HAUTE TENSION ET DU TUBE-IMAGE

Lors de la réparation de ce systéme, supprimer la charge statique en branchant une résistance de 10 kΩ en série avec un fil isolé (comme une sonde d'essai) entre la mise à la terre du tube-image et le fil d'anodel. (Le corden d'alimentation doit être retiré de la prise murale.)

1. Le tube image dans ce récepteur emploie une protection intégrée contre l'implosion.
2. Par mesure de sécurité, changer le tube-image pour un tube du même numéro de type.
3. Ne pas lever le tube-image par son col.
4. Ne manipuler le tube-image qu'en porant des lunettes incassables et qu'après avoir déchargé totalement la haute tension.

LIMITES DES RADIATIONS X ET DE LA HAUTE TENSION

1. Tout le personnel réparateur doit être instruit des instructions et procédés relatifs aux radiations X.
   Le tube-image, seule source de rayons X dons les téleviseurs transistorisés, n'émet pourtant pas de rayons mesurables si la haute tension est maintenue à un niveau préconisé dans la section "Vérification de la haute tension".
   C'est seulement quand la haute tension est excessive que les rayons X peuvent entrer dans l'enveloppe du tube-image y compris le conducteur de verre. Il est important de maintenir la haute tension en-dessous du niveau spécifié.
2. Il est essentiel que le réparateur ait sous la main un voltmètre à haute tension qui doit être périodiquement étalonné.
3. La haute tension doit toujours être maintenue à la valeur de régime -et pas plus haute. L'opération à des tensions plus élevées peut entraîner une panne du tube-image ou du circuit à haute tension et, dans certaines conditions, peut entraîner une radiation dépassant les niveaux préscrits.
4. Quand le régulateur à haute tension fonctionne correctement, il n'y a aucun problème de radiation X. Chaque fois qu'un châssis couleurs est réparé, la luminosité doit être examinée bout en contrôlant la haute tension à l'aide d'un voltmètre pour s'assurer que la haute tension ne dépasse pas la valeur spécifiée et qu'elle soit correctement réglée.
5. Ne pas utiliser un tube-image autre que celui spécifié et ne pas effectuer de modifications déconseillées du circuit à haute tension.
6. Lors de la recherche des pannes et des mesures d'essai sur un récepteur qui présente une haute tension excessive, éviter de s'approcher inutilement du récepteur.
   Ne pas faire fonctionner le récepteur plus longtemps que nécessaire pour localiser la cause de la tension excessive.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

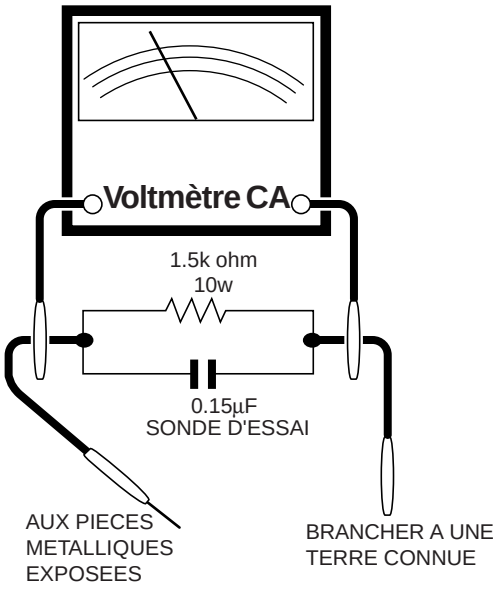
(Suite)

VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la facon suivante:

- Brancher le cordon d'alimentation directem-ent à une prise de courant de 120V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
- A l'aide de deux fils à pinces, brancher une résistance de 1.5 kΩ 10 watts en parallèle avec un condensateur de 0,15μF en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.
- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000Ω/V pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.)
  Tous les courants mesurés ne doivent pas dépasser 0.5 mA.
  Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

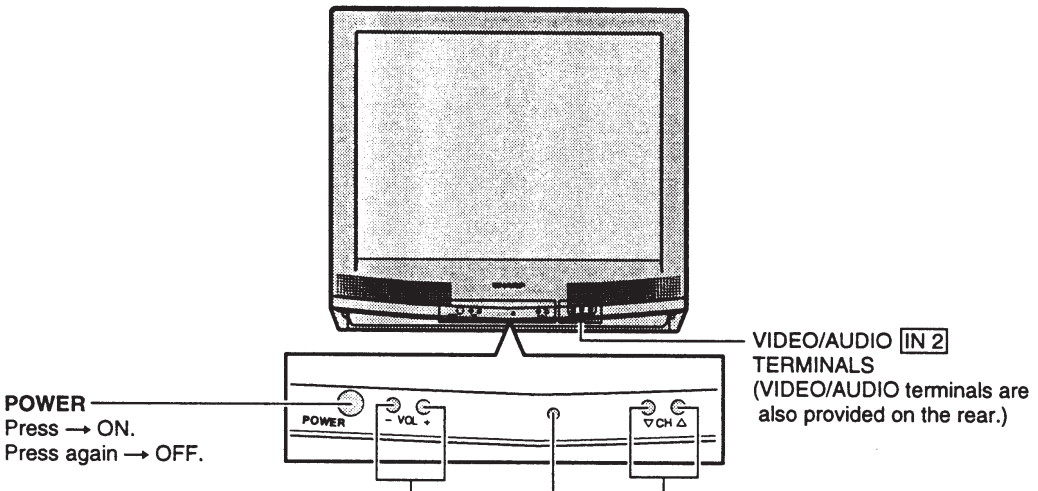
De nombreuses pièces, électriques et mécaniques, dans les téléviseurs présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque " ⚠ " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.
Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

LOCATION OF USER'S CONTROL

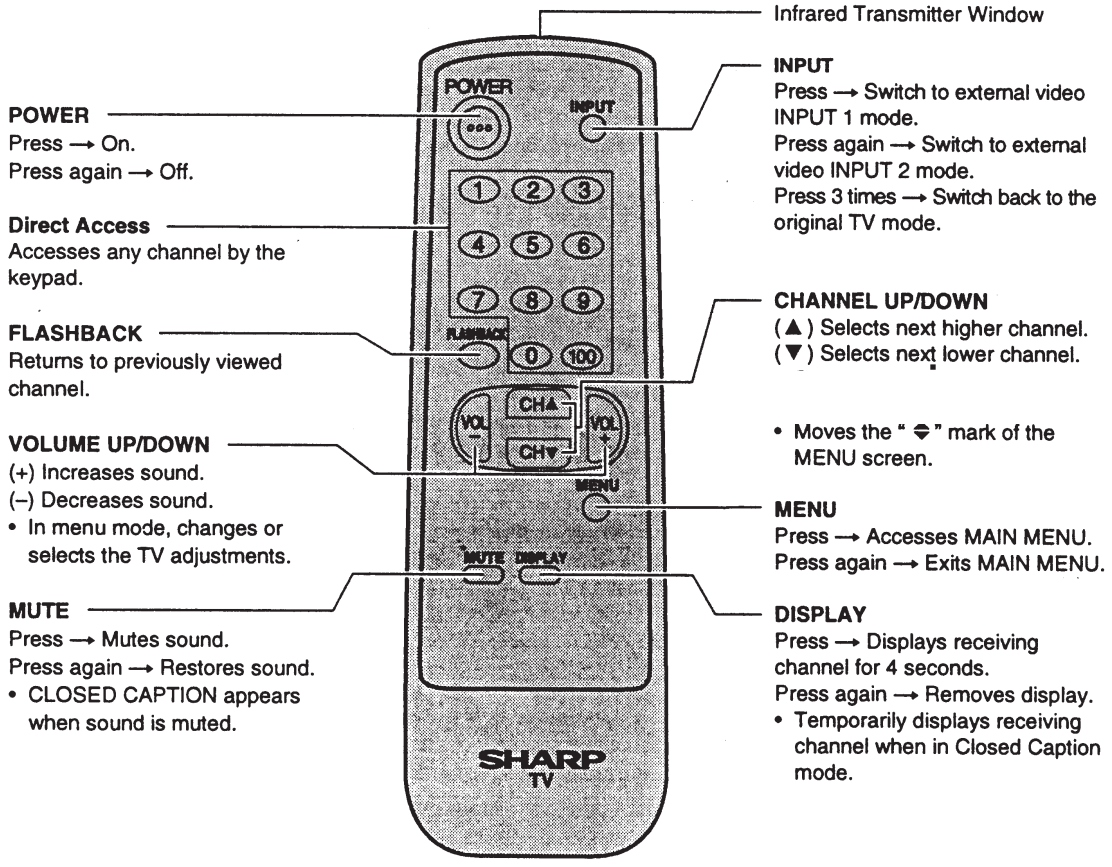
Quick Reference Control Operation

■ Location of Controls (27J-S100/CJ27S10)

Front Panel



BASIC REMOTE CONTROL FUNCTIONS

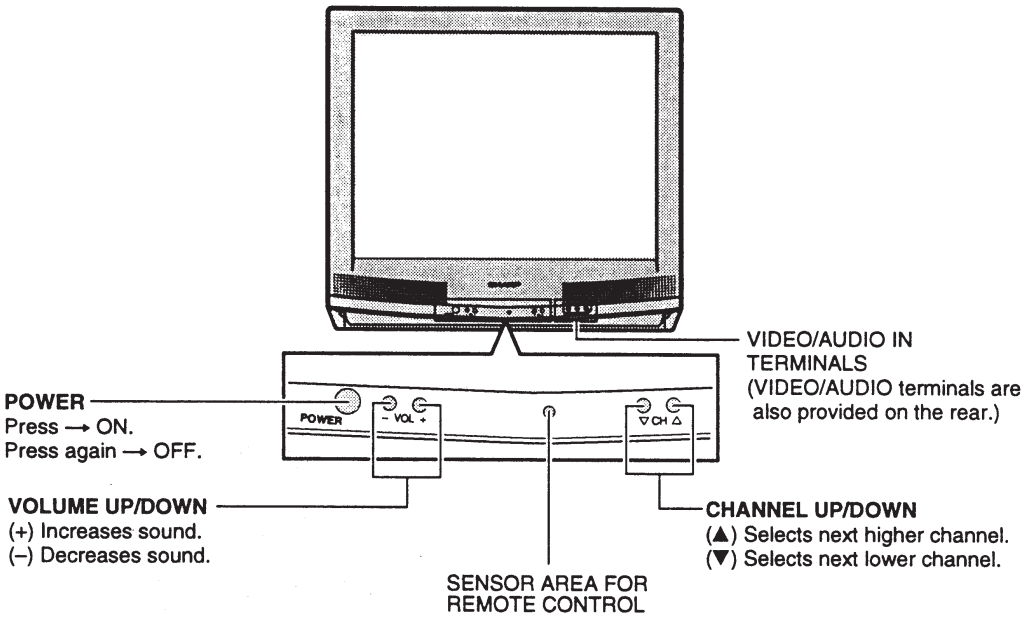


LOCATION OF USER'S CONTROL

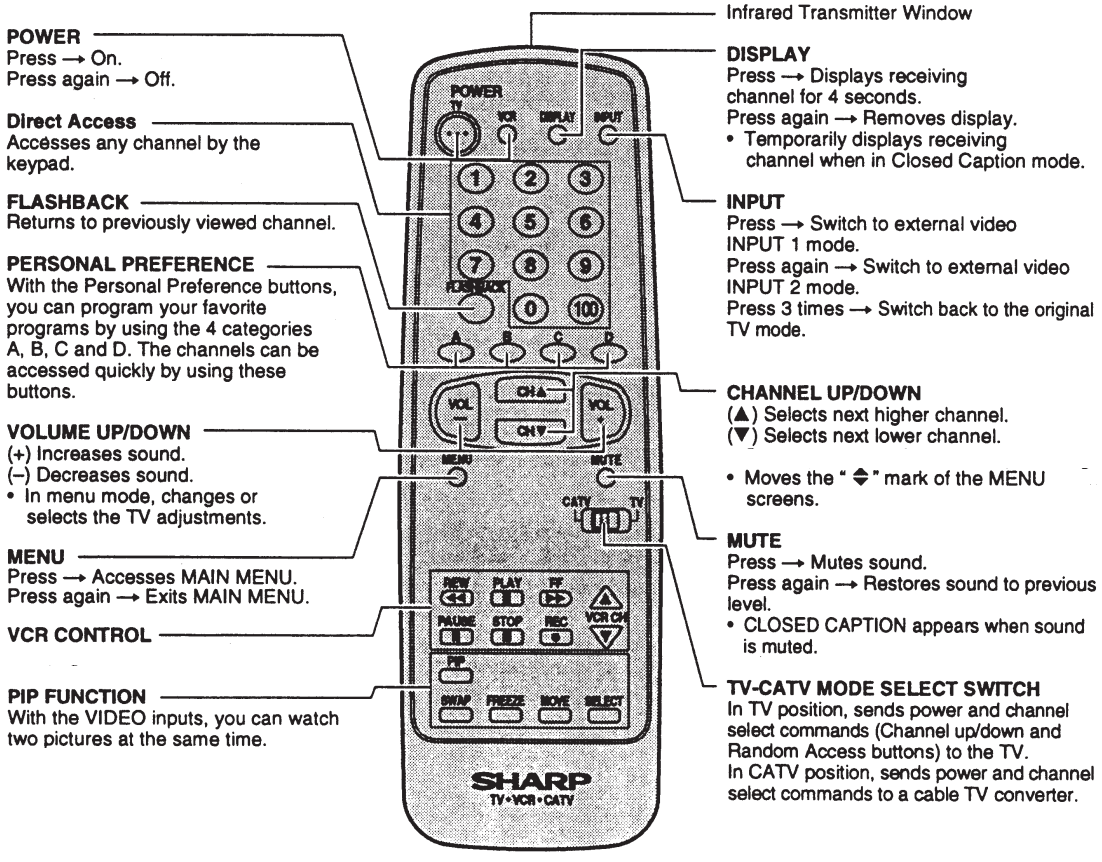
Quick Reference Control Operation

■ Location of Controls 27J-S260/CJ27S26

Front Panel



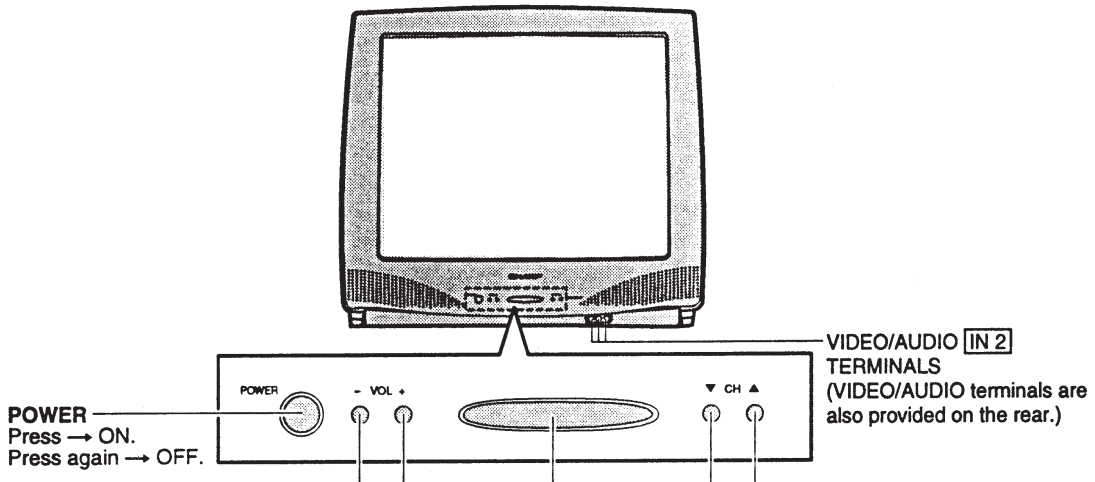
BASIC REMOTE CONTROL FUNCTIONS



Quick Reference Control Operation

■ Location of Controls 27J-S180

Front Panel



POWER
Press → ON.
Press again → OFF.

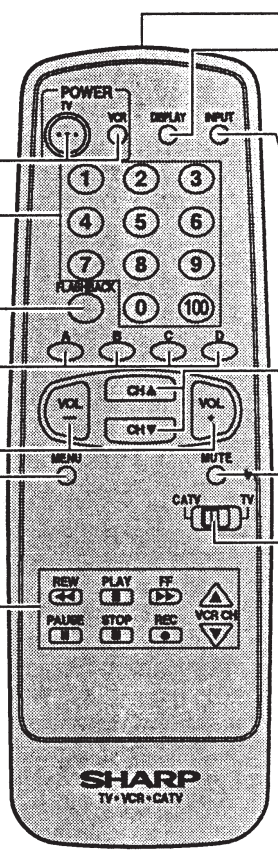
VIDEO/AUDIO IN 2 TERMINALS
(VIDEO/AUDIO terminals are also provided on the rear.)

VOLUME UP/DOWN
(+) Increases sound.
(–) Decreases sound.

SENSOR AREA FOR REMOTE CONTROL

CHANNEL UP/DOWN
(▲) Selects next higher channel.
(▼) Selects next lower channel.

BASIC REMOTE CONTROL FUNCTIONS



POWER
Press → On.
Press again → Off.

Direct Access
Accesses any channel by the keypad.

FLASHBACK
Returns to previously viewed channel.

PERSONAL PREFERENCE
With the Personal Preference buttons, you can program your favorite programs by using the 4 categories A, B, C and D. The channels can be accessed quickly by using these buttons.

VOLUME UP/DOWN
(+) Increases sound.
(–) Decreases sound.
• In menu mode, changes or selects the TV adjustments.

MENU
Press → Accesses MAIN MENU.
Press again → Exits MAIN MENU.

VCR CONTROL

Infrared Transmitter Window

DISPLAY
Press → Displays receiving channel for 4 seconds.
Press again → Removes display.
• Temporarily displays receiving channel when in Closed Caption mode.

INPUT
Press → Switch to external video INPUT 1 mode.
Press again → Switch to external video INPUT 2 mode.
Press 3 times → Switch back to the original TV mode.

CHANNEL UP/DOWN
(▲) Selects next higher channel.
(▼) Selects next lower channel.

• Moves the "◆" mark of the MENU screens.

MUTE
Press → Mutes sound.
Press again → Restores sound to previous level.
• CLOSED CAPTION appears when sound is muted.

TV-CATV MODE SELECT SWITCH
In TV position, sends power and channel select commands (Channel up/down and Random Access buttons) to the TV.
In CATV position, sends power and channel select commands to a cable TV converter.

INSTALLATION AND SERVICE INSTRUCTIONS

Note: (1) When performing any adjustments to resistor controls and transformers use non-metallic screwdriver or TV alignment tools.
(2) Before performing adjustment, TV set must be on at least 15 minutes.

CIRCUIT PROTECTION

The receiver is protected by a 4.0A fuse (F701), mounted on PWB-A, wired into one side of the AC line input.

X-RADIATION PROTECTOR CIRCUIT TEST

After service has been performed on the horizontal deflection system, high voltage system, B+ system, test the X-Radiation protection circuit to ascertain proper operation as follows:

1) Apply 120V AC using a variac transformer for accurate input voltage.
2) Allow for warm up and adjust all customer controls for normal picture and sound.
3) Select a local channel.
4) Connect a digital voltmeter to TP653 and make sure that the voltmeter reads 11.4V.
5) Apply external 13.8V DC at TP653 by using an external DC supply, TV must be shut off.
6) To reset the protector, unplug the ac cord and make a short circuit between TP651 and TP652.Now make sure that normal picture appears on the screen.
7) If the operation of the horizontal oscillator does not stop in step 5, the circuit must be repaired before the set is returned to the customer.

HIGH VOLTAGE CHECK

High voltage is not adjustable but must be checked to verify that the receiver is operating within safe and efficient design limitations as specified checks should be as follows:

1. Connect an accurate high voltage meter between ground and anode of picture tube.
2. Operate receiver for at least 15 minutes at 120V AC line voltage, with strong air signal or properly tuned in test signal.
3. Set service mode on, service No.19 and Bus data "01" (Y-mute on).
4. The voltage should be approximately 28.3kV(27J-S100/S120,CJ27S10/26),29.3kV(27J-S180) (at zero beam).
   If a correct reading cannot be obtained, check circuitry for malfunctioning components. After the voltage test, make Y-mute off (normal mode).

For adjustments of this model, the bus data is convered to various analog signals by the D-A converter circuit.

Note: There are still a few analog adjustments in this series such as focus and master screen voltage.

Follow the steps below whenever service adjustment is required. See Figure "B" to determine if service adjustments are required.

1.Service mode -

Before putting unit into the service mode, check, that customer adjustments are in the normal mode. use the reset function in the video adjust menu to ensure customer controls are in their proper (reset) position.

2. Service number selection

Once in the service mode, press the channel up or channel down button on the remote transmitter or at the set. the service adjustment number will vary in increments of one, from S01 to P06(27J-S260/CJ27S26),S01 to M05 (27J-S100/180/CJ27S10) Select the item you wish to adjust.

3.Data number selection

Press the volume up or down button to adjust the data number .

To enter the service mode and exit service mode.

While pressing the Vol-up and Ch-up buttons at once,plug the AC cord into a wall socket.
Now the TV set is switched on and enters the service mode.
To exit the service mode shut the television off by pressing the power button.

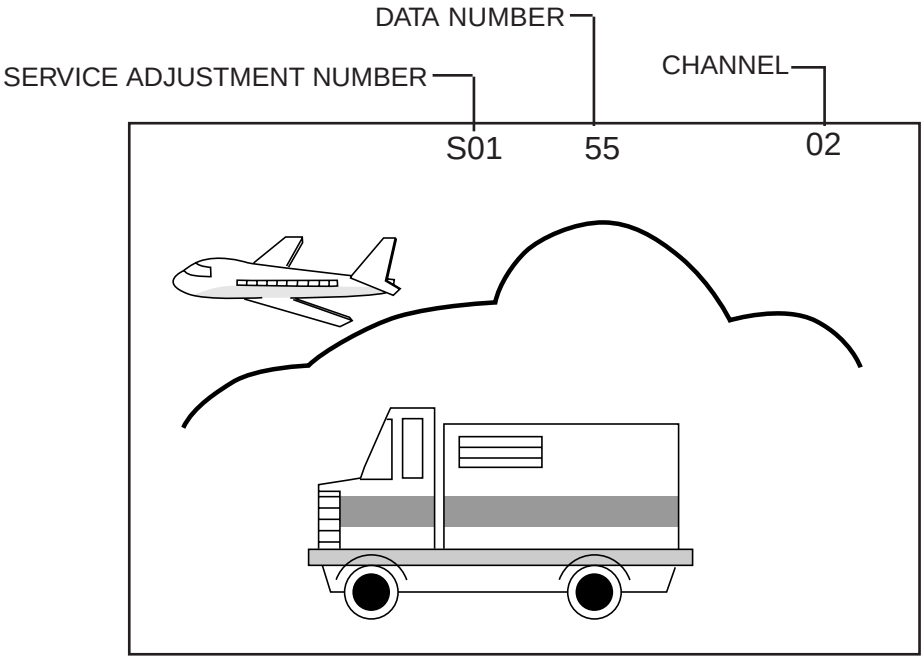


Figure B

SERVICE NUMBER	ADJUSTMENT ITEM	DATA		ADJUSTMENT CONTENTS	
		INITIAL VALUE	RANGE		
S01	PICTURE	55	00-7F		
S02	TINT	46	00-7F		
S03	COLOR	32	00-7F		
S04	BRIGHTNESS	40	00-7F		
S05	SHARPNESS	28	00-3F	Must be set to "28"	
S06	VERTICAL PHASE	00	00-07	Must be set to "00"	
S07	HORIZONTAL PHASE	12	00-1F		
S08	RF-AGC	2A	00-3F		
S09	VERTICAL AMP	20	00-3F		
S10	VCO	2C	00-7F		
S11	R CUT-OFF	00	00-FF		
S12	G CUT -OFF	00	00-FF		
S13	B CUT-OFF	00	00-FF		
S14	G GAIN	7F	00-FF		
S15	B GAIN	7F	00-FF		
S16	TRAP(3.58MHz)	00	00 or 01	Must be set to "00"	
S17	BALANCE	20	00-3F	Must be set to "20"	
S18	C.C.POSITION	18	00-7F		
S19	Y-MUTE	00	00,01,03	00=NORMAL 01=noY 03=NO VERTICAL	
OP	OPTION (set to each Model)	49 or 78	00-FF	"49"=CJ27S10."78"=27J-S260/ CJ27S26,"49"=S100. "79"=S180	
M01	MTS LEVEL	0A	00-0F		
M02	STEREO-VCO	20	00-3F		
M03	FILTER	1C	00-3F		
M04	LOW SEPARATION	20	00-3F		
M05	HIGH SEPARATION	1B	00-3F		
P01	P in P Y-LEVEL	30	00-7F		
P02	P in P TINT	1B	00-3F	Must be set to "1C".	27J-S260 CJ27S26
P03	P in P COLOR	29	00-7F		
P04	P in P Y-OFFSET	10	00-1F	Must be set to "16".	
P05	P in P H-Position	0B	00-FF	Must be set to "0B".	
P06	P in P BURST GATE PULSE	09	00-7F	Must be set to "09".	

Table - A

Holding down both the CH UP/DOWN keys on the TV set at service mode for more than 2 seconds will automatically write the above initial values into IC2101.

PART REPLACED	ADJUSTMENT		NOTES
	NECESSARY	UNNECESSARY	
IC2001		**X**	Data is stored in IC2101.
IC201	**X**		The adjustment is needed to compensate for characteristics of parts including IC201 and MTS level (M01).
IC2101	**X**		Holding down both the CH UP/DOWN keys on the TV set at service mode for more than 2 seconds will automatically write the above initial values into IC2101.Then perform a complete adjustment.
CRT	**X**		Adjust items related to picture tube only.
IC3001	**X**		Adjust items related to MTS only (M01~M05).
IC1801 (27J-S260 /CJ27S26)	**X**		Adjust items related to P-IN-P only (P01~P06).

Table - B

■ adjustment

VCO Adjustment

1. Connect a digital voltmeter between pin 44 of IC201 and ground.
2. Select a good local channel.
3. Enter the service mode. select adjustment "S10".
4. Adjust the data so that digital voltmeter shold read 2.2V
5. Adjustment is complete, remove the volt-meter, return to "normal" mode.

RF AGC Adjustment

1. Have unit receive a good local channel.
2. Enter the service mode and select service adjustment "S 08".
3. Set the data value to point where no noise or beat appears.
4. Select another channel to confirm that no noise or beat appears.

NOTE1 :You will have to come out of the service mode to select another channel.

NOTE2 :Setting the data to "0 0" will pro-duce a black raster.

Screen adjustment

1. Connect a digital voltmeter between TP852 and TP853 on the CRT socket PWB.

Note:These test points may not be provided. Then connect the voltmeter to both ends of R852 located near Q851 on the foil side.

2. Select a good local channel.
3. Enter the service mode and select service adjustment "S03" and set the data value to "00" to set the color level to minimum.(Record original data code under adjustment "S03" before changing) You may skip this step if you selected a B/W picture or monoscope pattern.
4. Select service adjustment "S19" and adjust the data value to "01" this turn off the luminance signal (Y-mute).
5. Select service adjustment "S04" and adjust data value to obtain 0.26 volts on the digital voltmeter.
6. Adjust the master screen cotrol untill raster darkens to the point where raster is barely seen.
7. Adjust service adjustments "S11" red,"S12" green and "S13" blue to obtain a good grey scale with normal whites at low brightness level.
8. Select service adjustment "S19" and reset data to "00". Select service adjustment "S03" and reset data to obtain normal color level.
9. Remove digital voltmeter.
   Reset master screen cotrol to obtain normal brightness range.

White balance adjustment

1. Have unit receive a good local channel.
2. Enter the service mode. select service adjustment "S 03" and set to "00" (minimum color)(Record original data code under adjustment "S03" before changing) . "S 03" does not have to be adjusted if you selected a B/W picture or monoscope pattern.
3. Alternately adjust service adjustment data of "S14" and "S15" untill a good grey scale with normal whites is obtained.
4. Select service adjustment "S 03"and adjust data to obtain normal color level.

Sub-picture adjustment

1. Have unit receive a good local channel.
2. Make sure the customer picture control is set to maximum.
3. Enter the service mode and select service adjustment "S 01".
4. Adjust the data value to achieve normal contrast range.

Sub-Tint Adjustment

1. Have unit receive a good local channel.
2. Set customer tint control to center of it's range.
3. Enter the service mode and select service adjustment "S 02".
4. Adjust "S 02" data value to obtain normal flesh tones.

Sub-color adjustment

1. Have unit receive a good local channel.
2. Make sure the customer color control is set to center position .
3. Enter the service mode and select service adjustment "S 03".
4. Adjust "S 03"data value to obtain normal color level.

Sub-brightness adjustment

1. Have unit receive a good local channel.
2. Make sure the customer brightness control is set to center position.
3. Enter the service mode and select service adjustment "S 04".
4. Adjust "S04"data value to obtain normal brightness level.

Vertical-size and linearity adjustment

Ver-Lin-for 27J-S100/S260,CJ27S10/26

1. Have unit receive a good local channel.
2. Enter the service mode and select service adjustment "S 09".
3. While observing the top and bottom of the screen, adjust "S 09" data value to proper vertical size and linearity.
4. Using the S501 switch,adjust for the best linearity.

Vertical phase adjustment

1. Enter the service mode and select service adjustment "S 06".
2. Adjust data value to "00".

Note: This must be set "00" when changed data retrace line will appear.

Horizontal position adjustment

1. Have unit receive a good local channel.
2. Enter the service mode and select service adjustment "S 07".
3. Adjust "S 07" data value so that picture is centered.

Caption position adjustment (horizontal)

1. Have unit receive a good local channel.
2. Enter the service mode and select service adjustment "S18".
3. A black text box appears on the screen (see figure C) .
4. Adjust "S18" data value so that text box is positioned in the center of the screen.

3.58MHz trap adjustment

1. Have unit receive a good local channel.
2. Enter the service mode and select service adjustment "S16" .
3. This is a two position adjustment, " 00" is ON , "01" is OFF.
4. Adjust data value to "00" for normal viewing.

Sharpness and Audio balance adjustments

1. Have unit receive a good local channel.
2. Enter the service mode and select "S 05" for sharpness and "S17" for balance.

- **Sharpness adjustments**

3. Adjust data value to "28" (center of data range) for sharpness adjustment.

- **Audio balance adjustments**

4. Adjust data value to "20" (center of data range) for Audio balance adjustment.

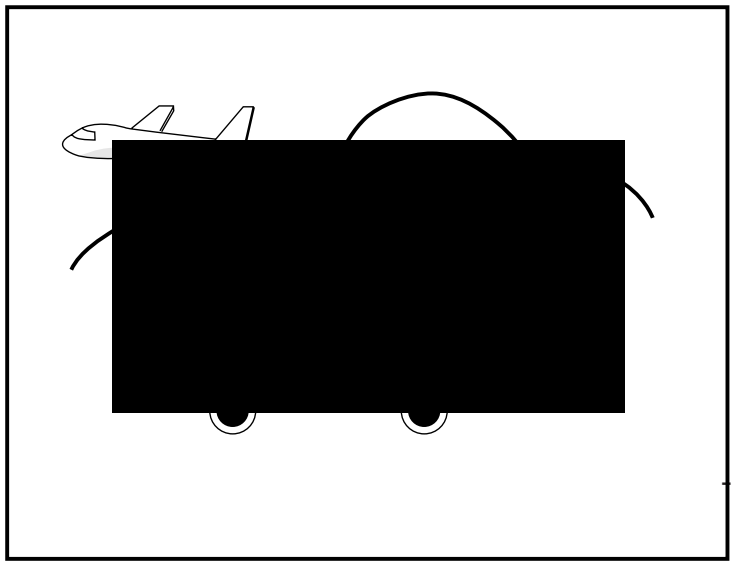


Figure C

MTS ADJUSTMENT

MTS level adjustment

1. Feed the following monaural signal to pin (14) of IC3001.
   Monaural signal : 300Hz, 245mVrms
2. Connect the rms voltmeter to pin (39) of IC3001.
3. Enter the service mode ant select the service adjustment "M01".
4. Adjust the data so that the rms voltmeter should take the reading below.
   Spec. : 490±10mVrms

Stereo VCO adjustment

1. Keep the unit in no-signal state.
2. Connect the frequency counter to pin (39) of IC3001.
3. Connect a capacitor (100μF, 50v) in between positive(+) side of C3005 and ground.
4. Enter the service mode and select the service adjustment"M02"
5. Adjust the data so that the frequency counter should take the reading below.
   Spec. : 62.94±0.75kHz

Filter adjustment

1. Feed the following stereo pilot signal to pin (14) of IC3001 .
   Stereo pilot signal:9.4kHz,600mVrms.
2. Enter the service mode and select the service adjustment "M03".
3. Adjust the data at the point where "OK" appears on the screen.The "OK" represents the approximate center of the adjustable range of the data.

Separation Adjustment

1. Connect the rms voltmeter to pin (39) of IC3001.
2. Receive the following composite stereo signal 1.
   Composite stereo signal : 30% modulation, left channel only, noise reduction on, 300Hz
3. Enter the service mode and select the service adjustment "M04".
4. Adjust the data until the AC voltage reading of the rms voltmeter is minimum.
5. Receive the following composite stereo signal 2.
   Stereo signal : 30% modulation, left channel only, noise reduction on, 3kHz
6. Enter the service mode and select the service adjustment "M05".
7. Adjust the data until the AC voltage reading of the rms voltmeter is minimum.
8. Take the above steps 1 thru 8 again for fine adjustment.

P-IN-P ADJUSTMENT
(FOR 27J-S260/CJ27S26)

P-IN-P Y LEVEL adjustment

1. Recieve a good local channel.
2. Enter the service mode and select service adjustment "P01".
3. Adjust "P01" data value to obtain normal contrast level.

P-IN-P TINT adjustment

1. Recieve a good local channel.
2. Enter the service mode and select service adjustment "P02".
3. Adjust data value to "1B".

P-IN-P COLOR adjustment

1. Recieve a good local channel.
2. Make sure the customer color control is set to center position.
3. Enter the service mode and select service adjustment "P03".
4. Adjust "P03" data value to obtain normal color level.

P-IN-P Y-OFF SET adjustment

1.Recieve a good local channel.
2. Enter the service mode and select service adjustment "P04".
3. Adjust data value to "16".

P-IN-P H-POSITION adjustment

1. Recieve a good local channel.
2. Enter the service mode and select service adjustment "P05".
3. Adjust data value to "0B".

P-IN-P BURST GATE PULSE(for MAIN)

1. Recieve a good local channel.
2. Enter the service mode and select service adjustment "P06".
3. Adjust data value to "09".

DESCRIPTION OF SCHEMATIC DIAGRAM

NOTE:

1. *The unit of resistance "ohm" is omitted (K:1000 ohms, M:1 Meg ohm).*
2. *All resistors are 1/8 watt, unless otherwise noted.*
3. *All capacitors are μF, unless otherwise noted P: μμF.*
4. *(G) indicates ±2% tolerance may be used.*
5. ⏚ *Indecates line isolated ground.*
6. ⏚ *Indecates hot ground.*

VOLTAGE MEASUREMENT CONDITIONS:

1. *All DC voltages are measured with DVM connected between points indicated and chassis ground, line voltage set at 120V AC and all controls set for normal picture unless otherwise indicated.*
2. *All voltages measured with 1000μV B & W or Color signal.*

WAVEFORM MEASUREMENT CONDITIONS:

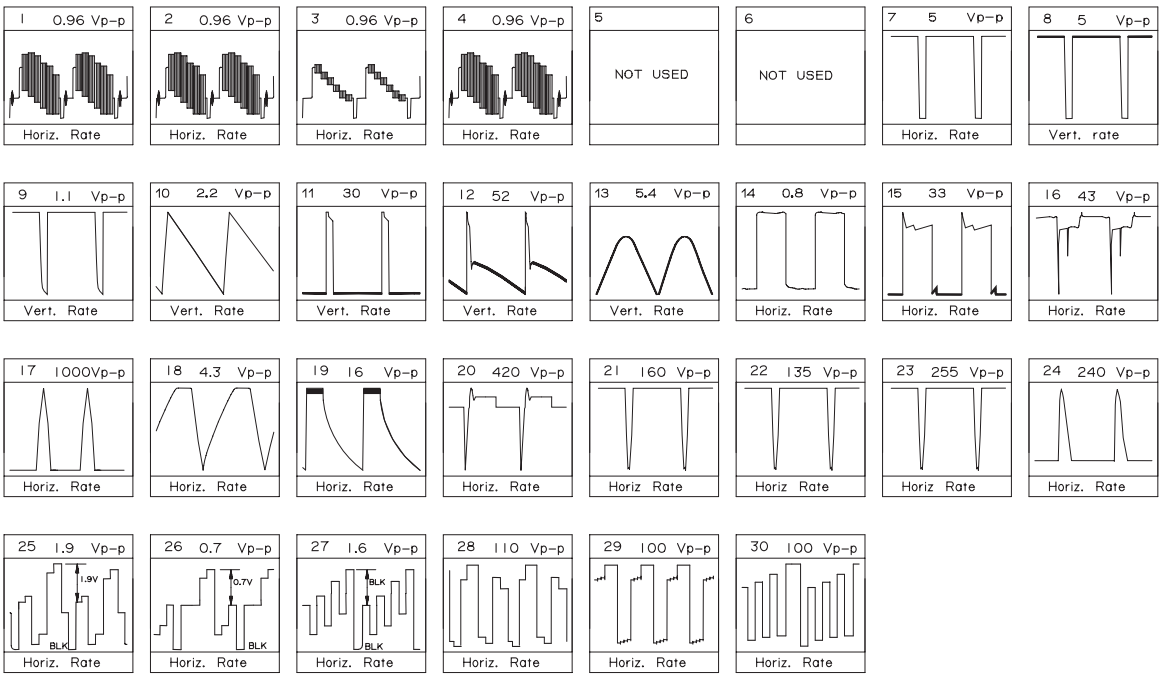
1. *Photographs taken on a standard gated color bar signal, the tint setting adjusted for proper color. The wave shapes at the red, green and blue cathodes of the picture tube depend on the tint, color level and picture control.*
2. ⟳ *indicates waveform check points (See chart, waveforms are measured from point indicated to chassis ground.)*

⚠ *AND SHADED ( ) COMPONENTS = SAFETY RELATED PARTS.*
▲ *MARK = X-RAY RELATED PARTS.*

DRGANNES MARQUES-ET HACHRES ( )
: PIECES RELATIVES A LA SECURITE .
MARQUE ▲ :PIECS RELATIVE AUX RAYONS X.

This circuit diagram is a standard one, printed circuits may be subject to change for product improvement without prior notice.
WAVEFORMS

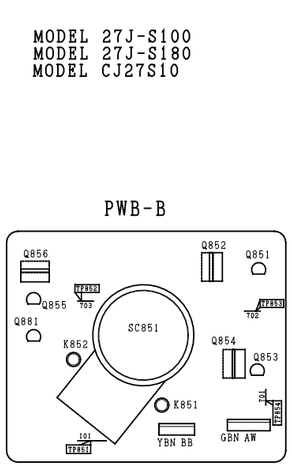
WAVE FORMS

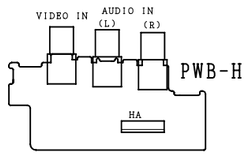


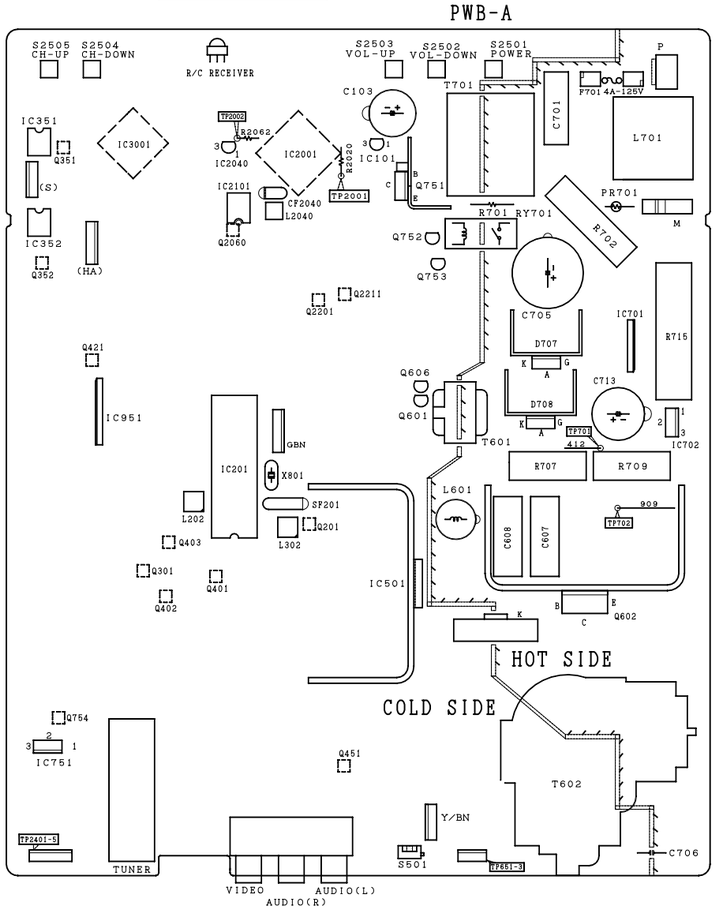
27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

CHASSIS LAYOUT

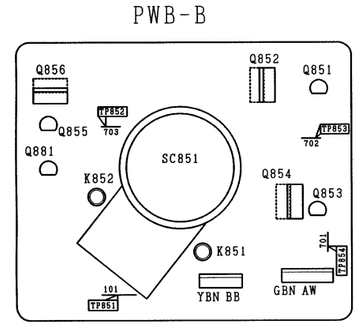
MODEL 27J-S100
MODEL 27J-S180
MODEL CJ27S10

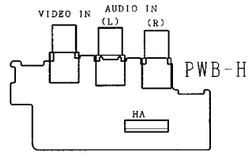


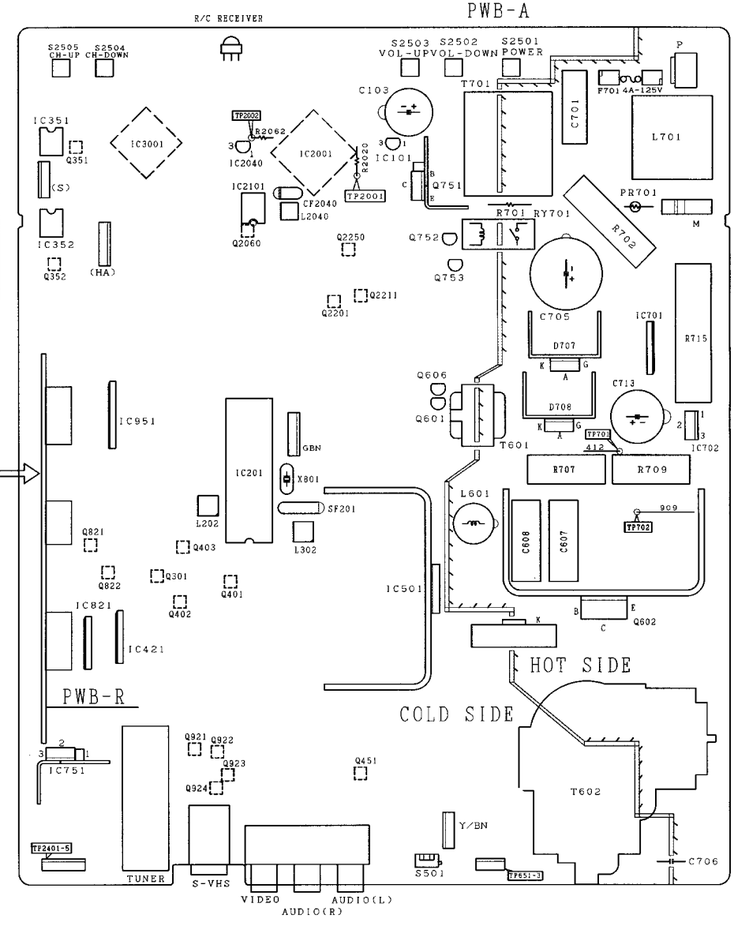


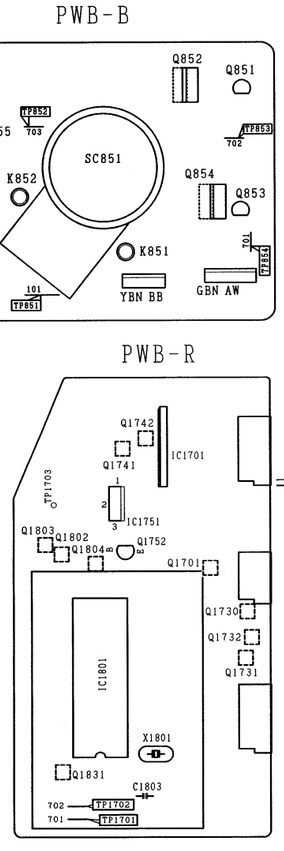


27J-S260





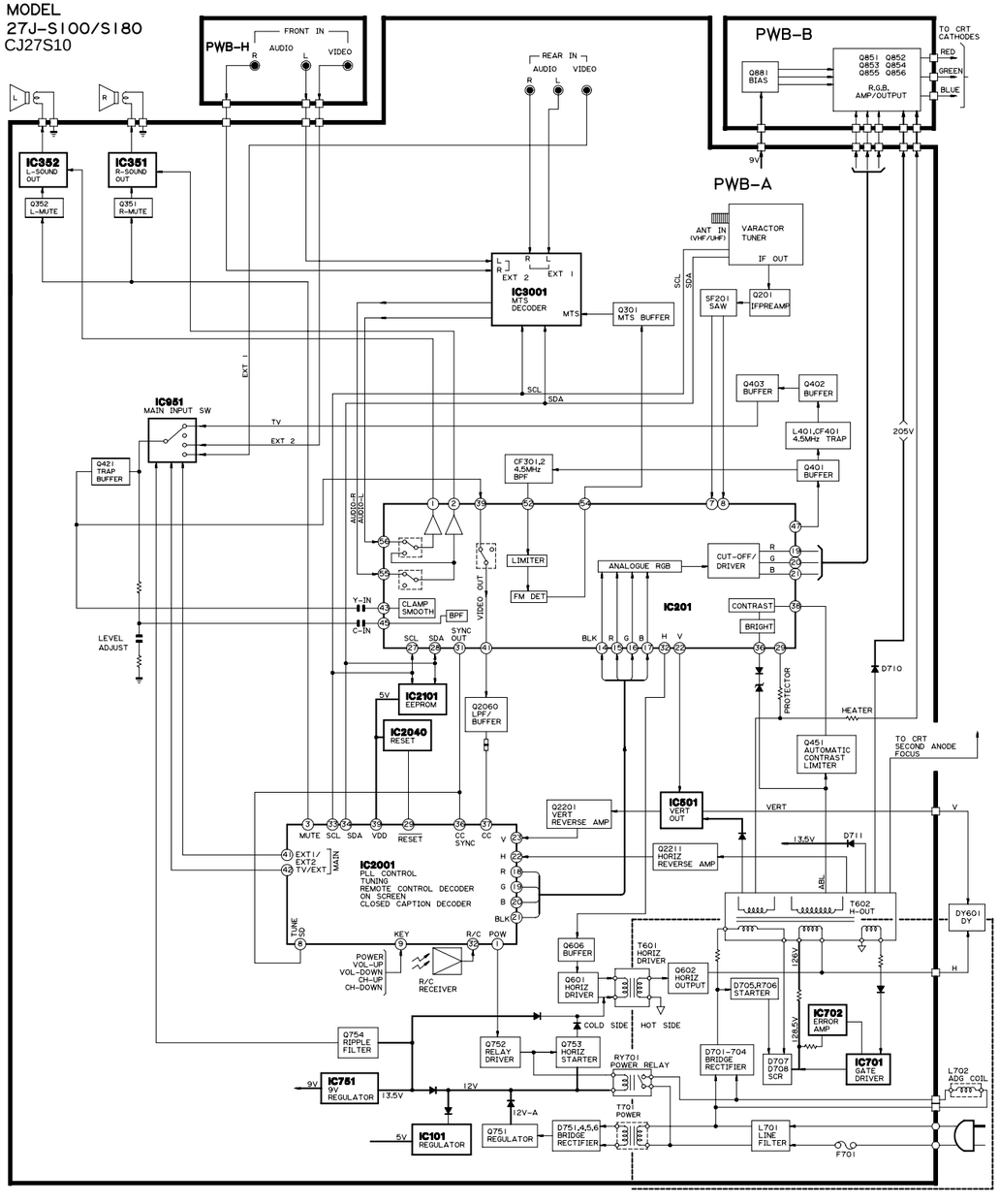


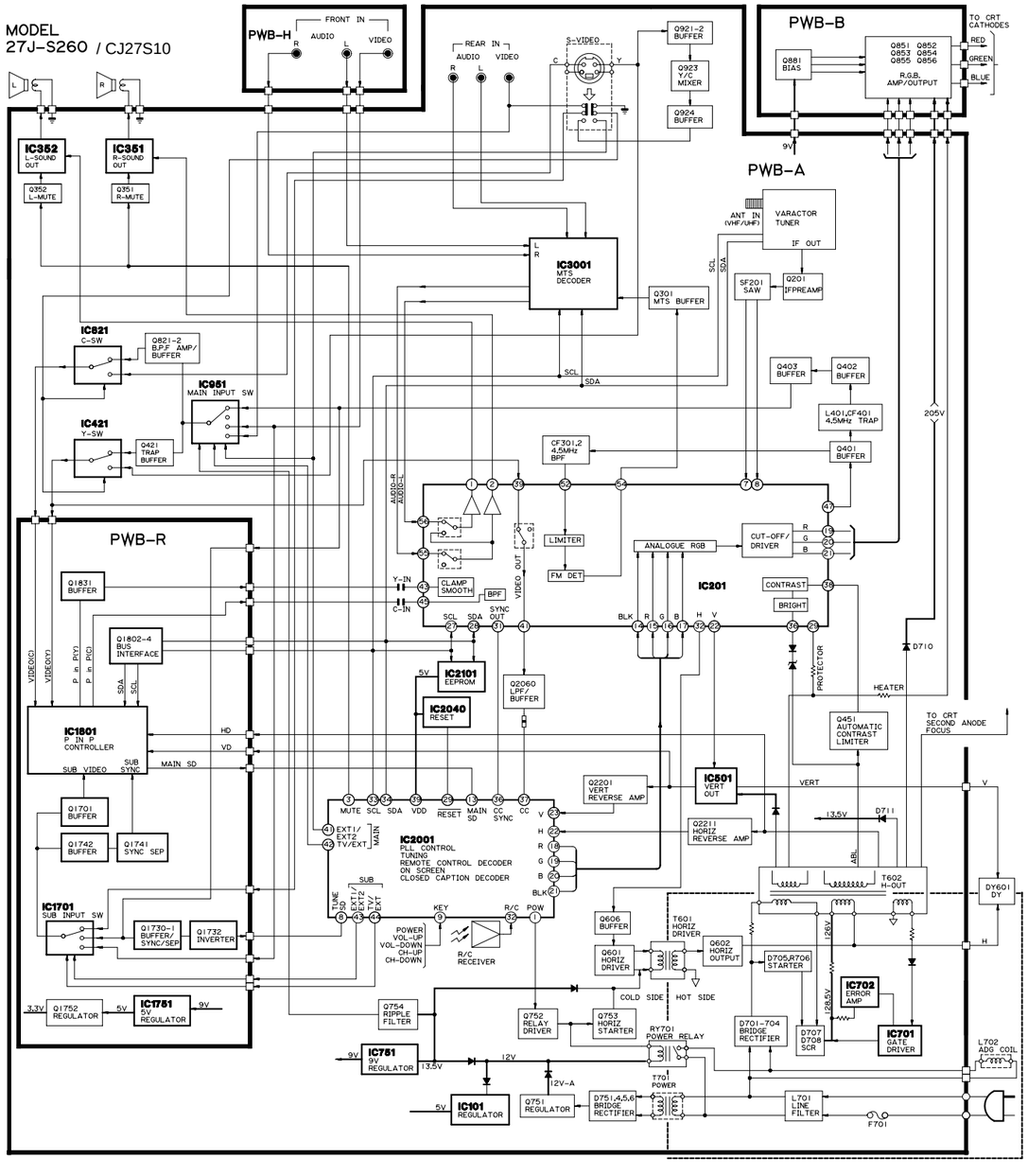


1	2	3	4	5	6	7	8	9	10	11	12

27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

BLOCK DIAGRAM



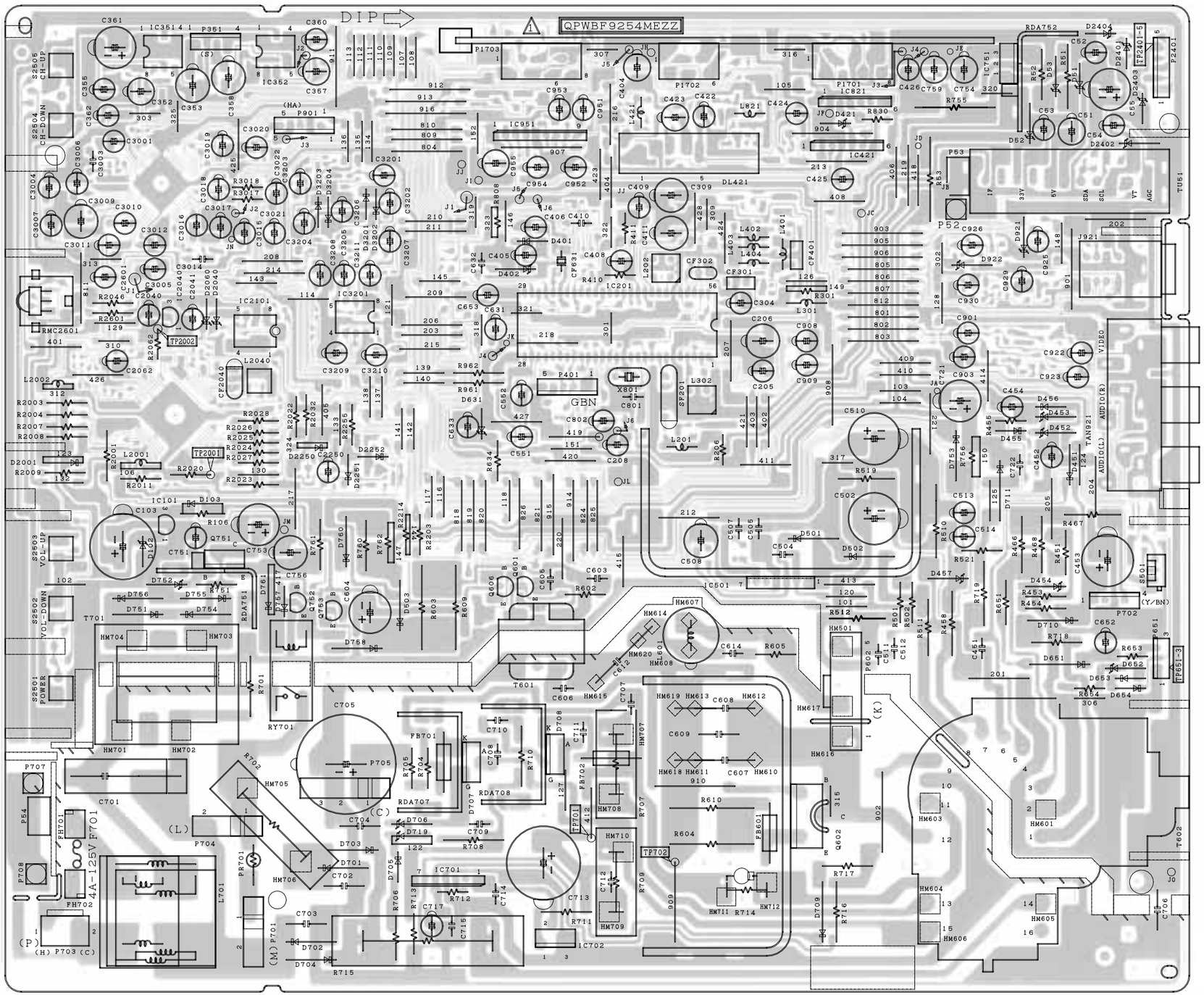


H G F E D C B A

1 2 3 4 5 6 7 8 9 10 11 12

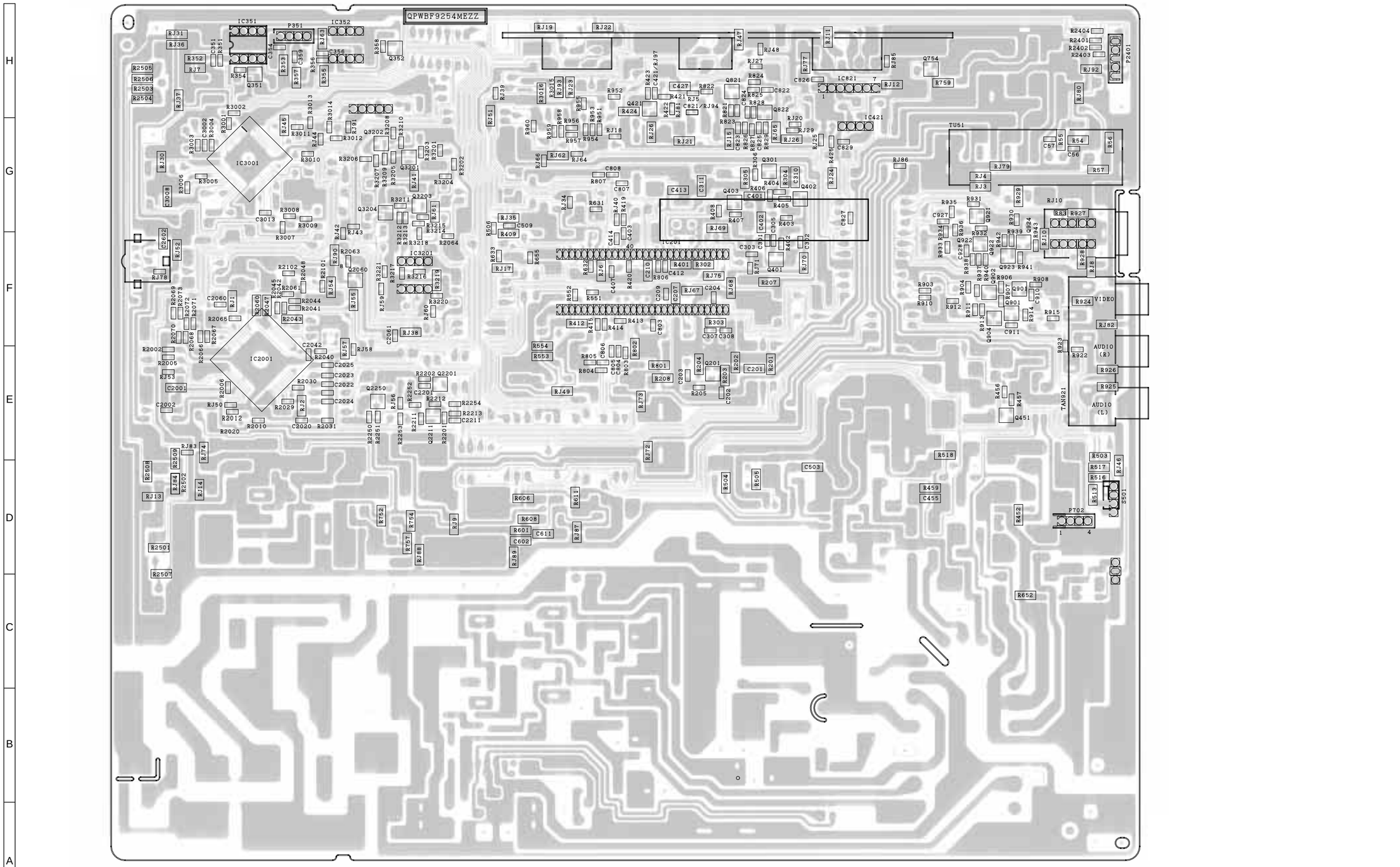
27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

PRINTED WIRING BOARD ASSEMBLIES



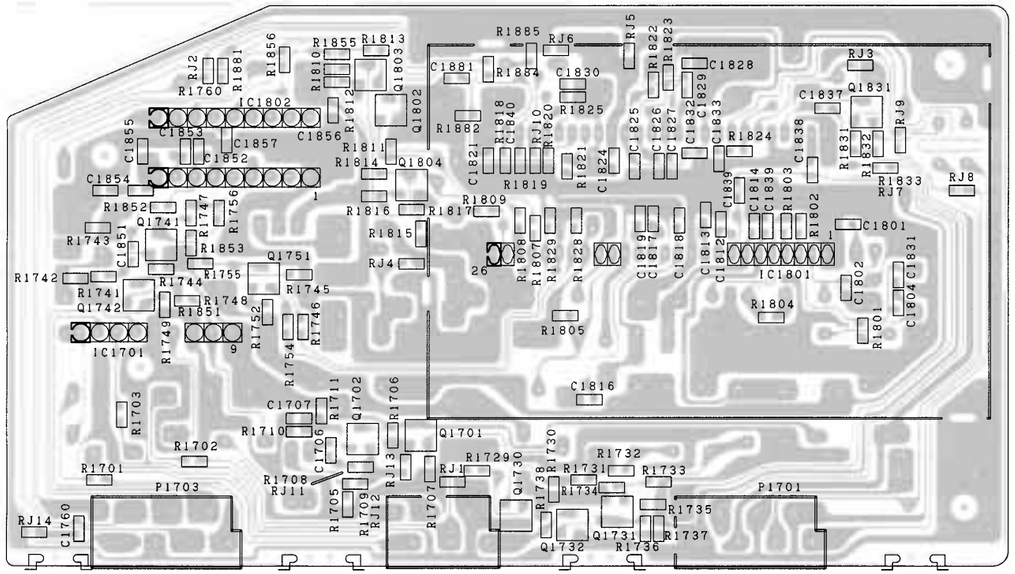
PWB-A Wiring Side

27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

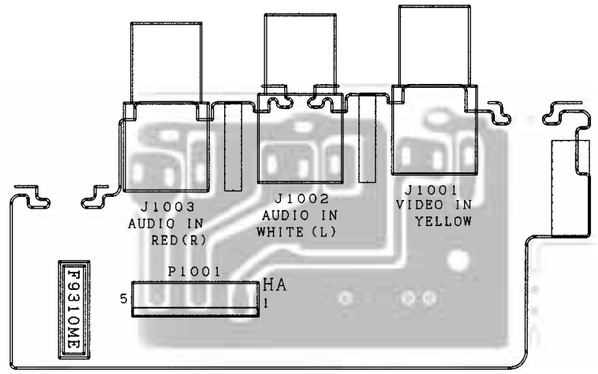


PWB-A Chip Parts

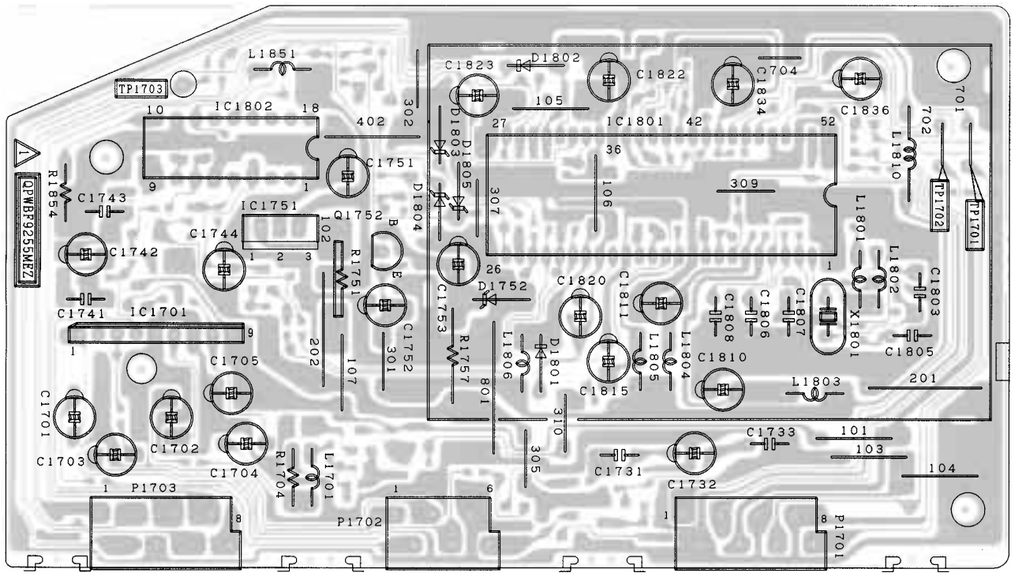
27J-S100/180/260	27J-S100/180/260
CJ27S10/26	CJ27S10/26



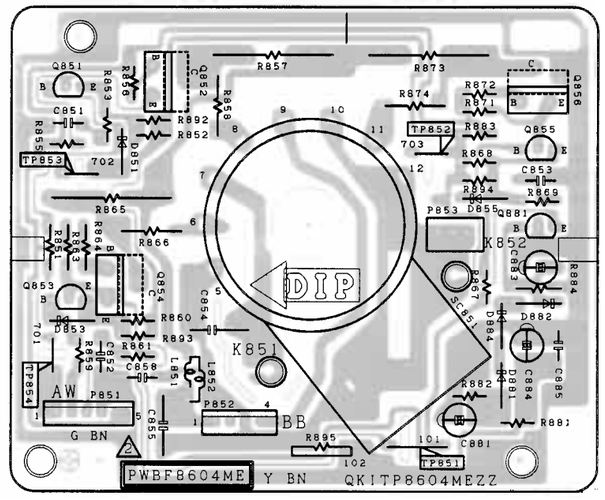
PWB-R Chip Parts



PWB-H Wiring Side



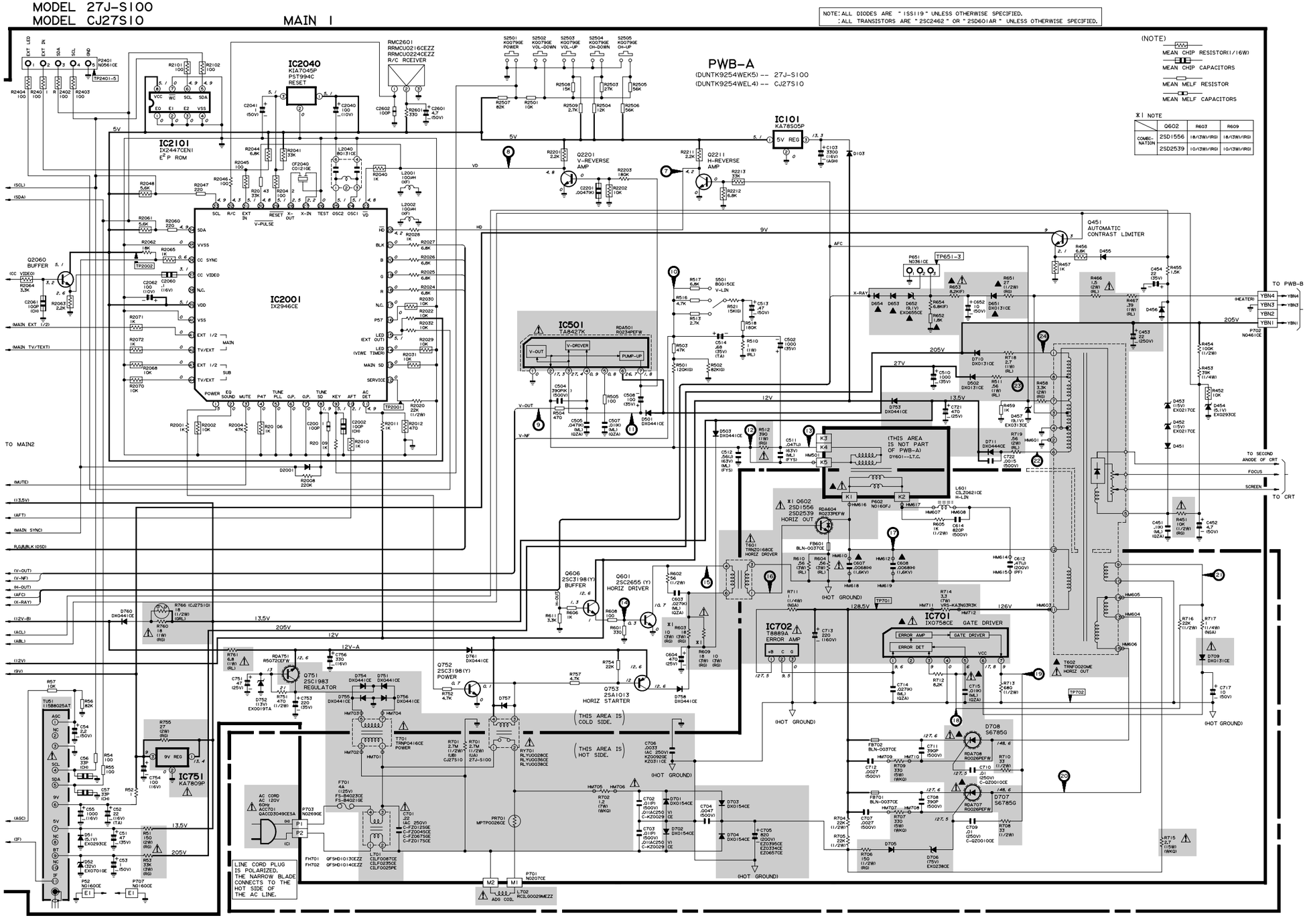
PWB-R Wiring Side



PWB-B Wiring Side

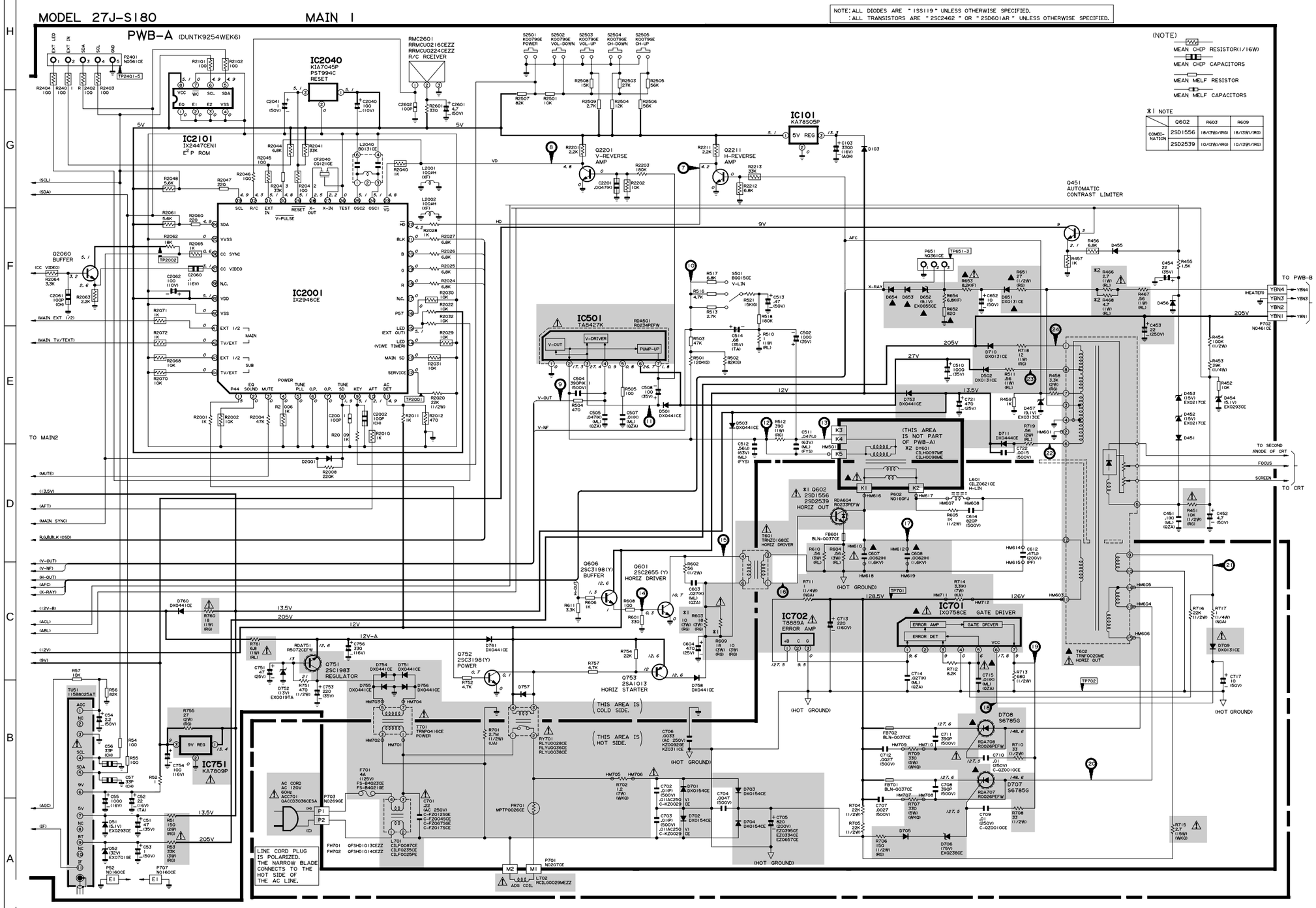
27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

SCHEMATIC DIAGRAM: 27J-S100/CJ27S10 MAIN1



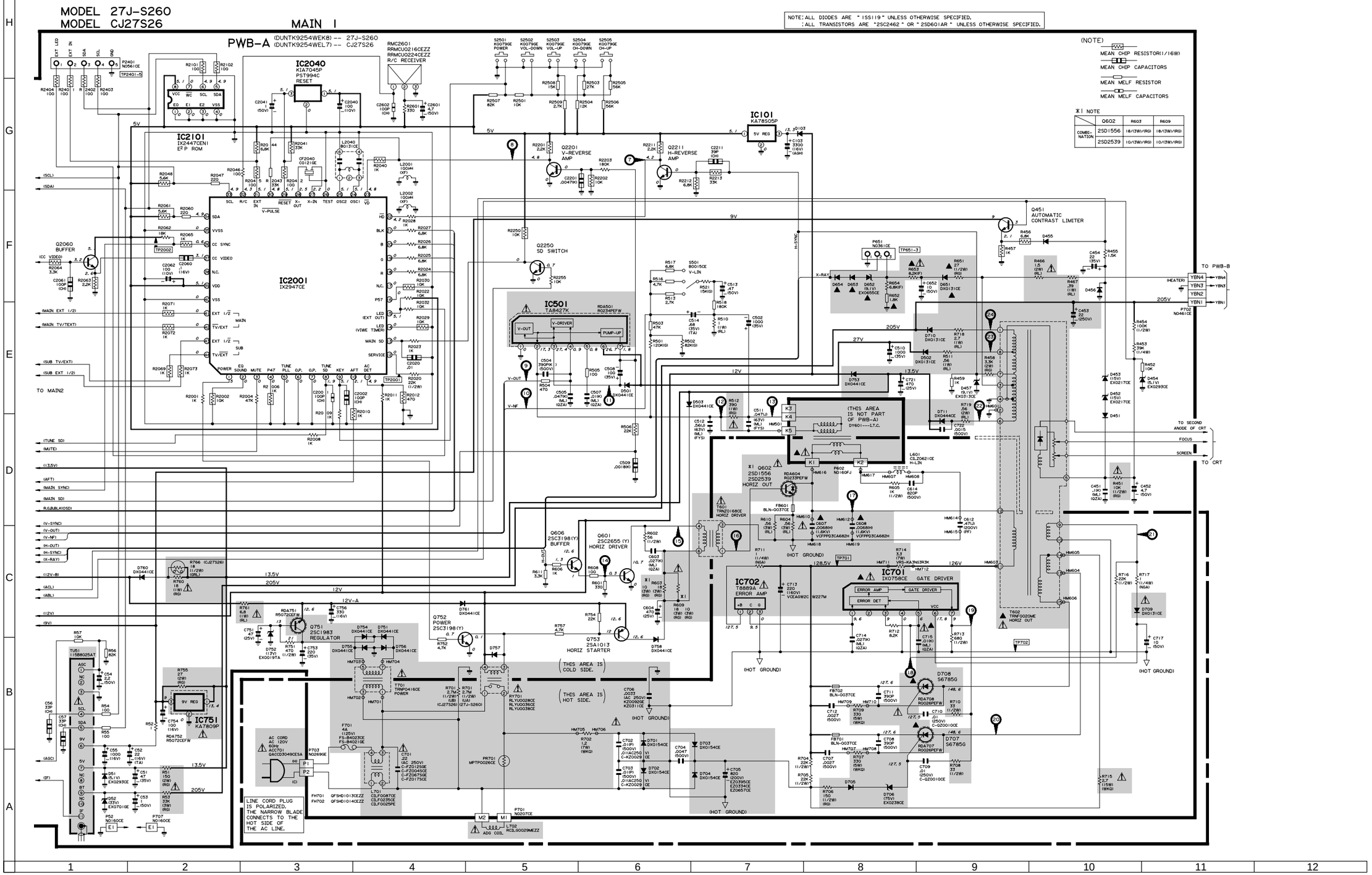
27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

SCHEMATIC DIAGRAM: 27J-S180 MAIN1



27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

SCHEMATIC DIAGRAM: 27J-S260 / CJ27S26 MAIN1



27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

SCHEMATIC DIAGRAM: 27J-S100/CJ27S10 MAIN2

MODEL 27J-S100
MODEL CJ27S10 MAIN 2

NOTE: ALL DIODES ARE " 1SS119 " UNLESS OTHERWISE SPECIFIED.
: ALL TRANSISTORS ARE " 2SC2462 " OR "2SD601AR " UNLESS OTHERWISE SPECIFIED.

(NOTE)
MEAN CHIP RESISTOR(1/16W)
MEAN CHIP CAPACITORS
MEAN MELF RESISTOR
MEAN MELF CAPACITORS

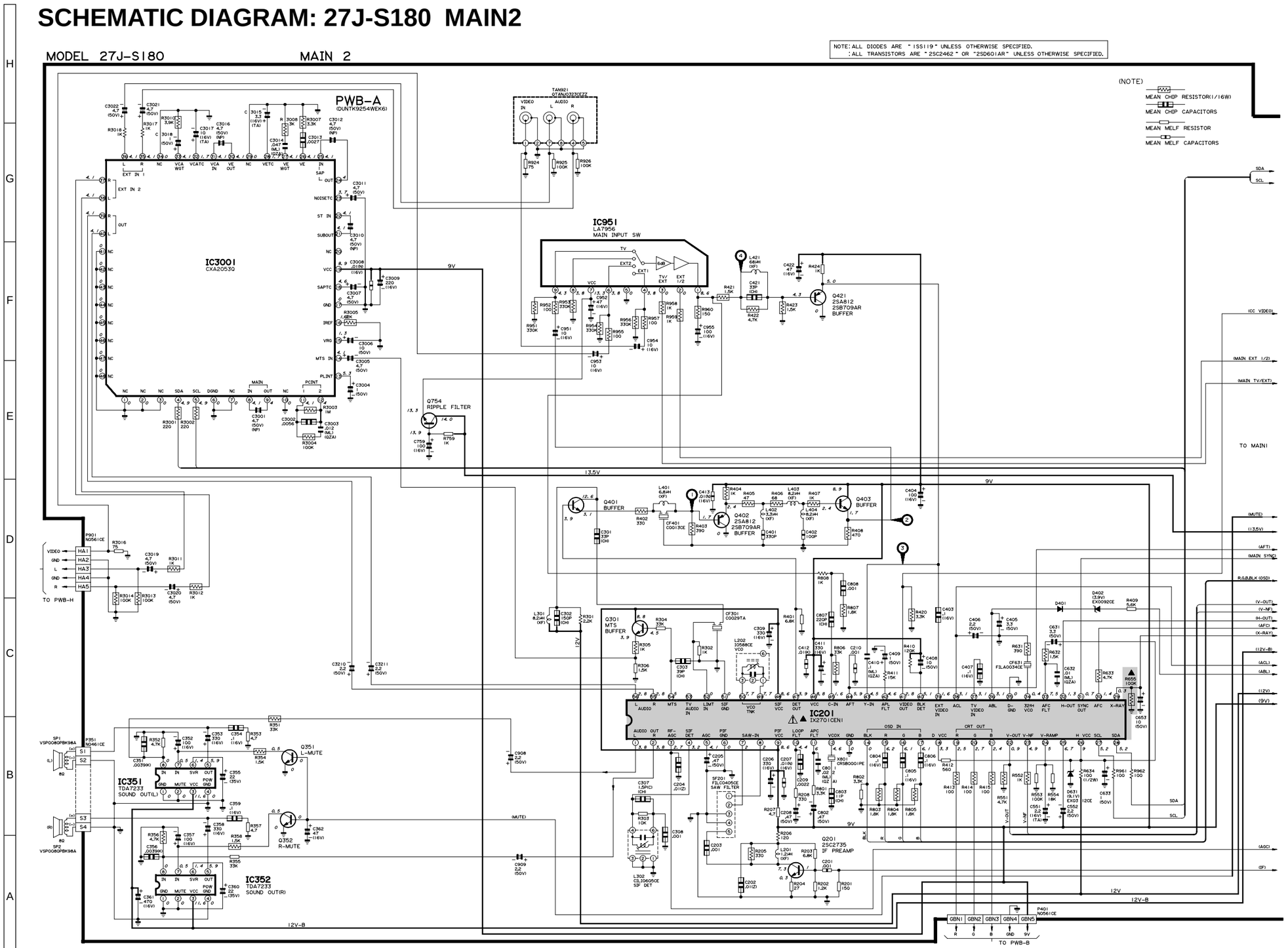
PWB-A
(DUNTK9254WEK5) -27J-S100
(DUNTK9254WEL4) -CJ27S10

IC3001 CXA2053Q
IC951 LA7956 MAIN INPUT SW
IC201 1X2701CEN1
IC351 TDA7233 SOUND OUT(L)
IC352 TDA7233 SOUND OUT(R)
Q754 RIPPLE FILTER
Q401 BUFFER
Q402 2SA812 2SB709AR BUFFER
Q403 BUFFER
Q301 MTS BUFFER
Q201 2SC2735 IF PREAMP
Q421 2SA812 2SB709AR BUFFER
Q351 L-MUTE
Q352 R-MUTE

9V
13.5V
12V
12V-B
(MUTE)
SDA
SCL
TO MAIN1
TO PWB-H
TO PWB-B

27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

SCHEMATIC DIAGRAM: 27J-S180 MAIN2

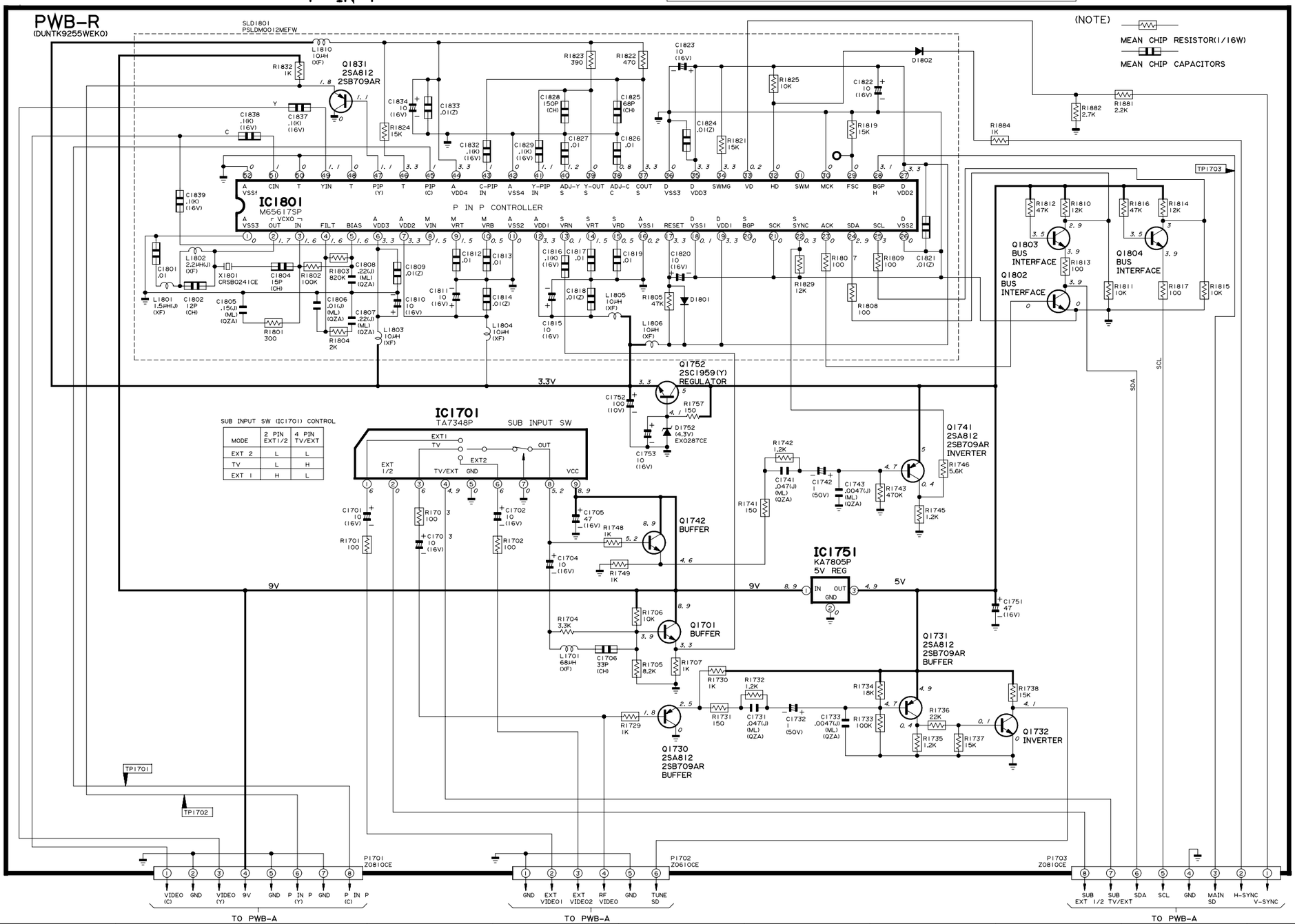


27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

SCHEMATIC DIAGRAM: P IN P

27J-S260/CJ27S26

P IN P



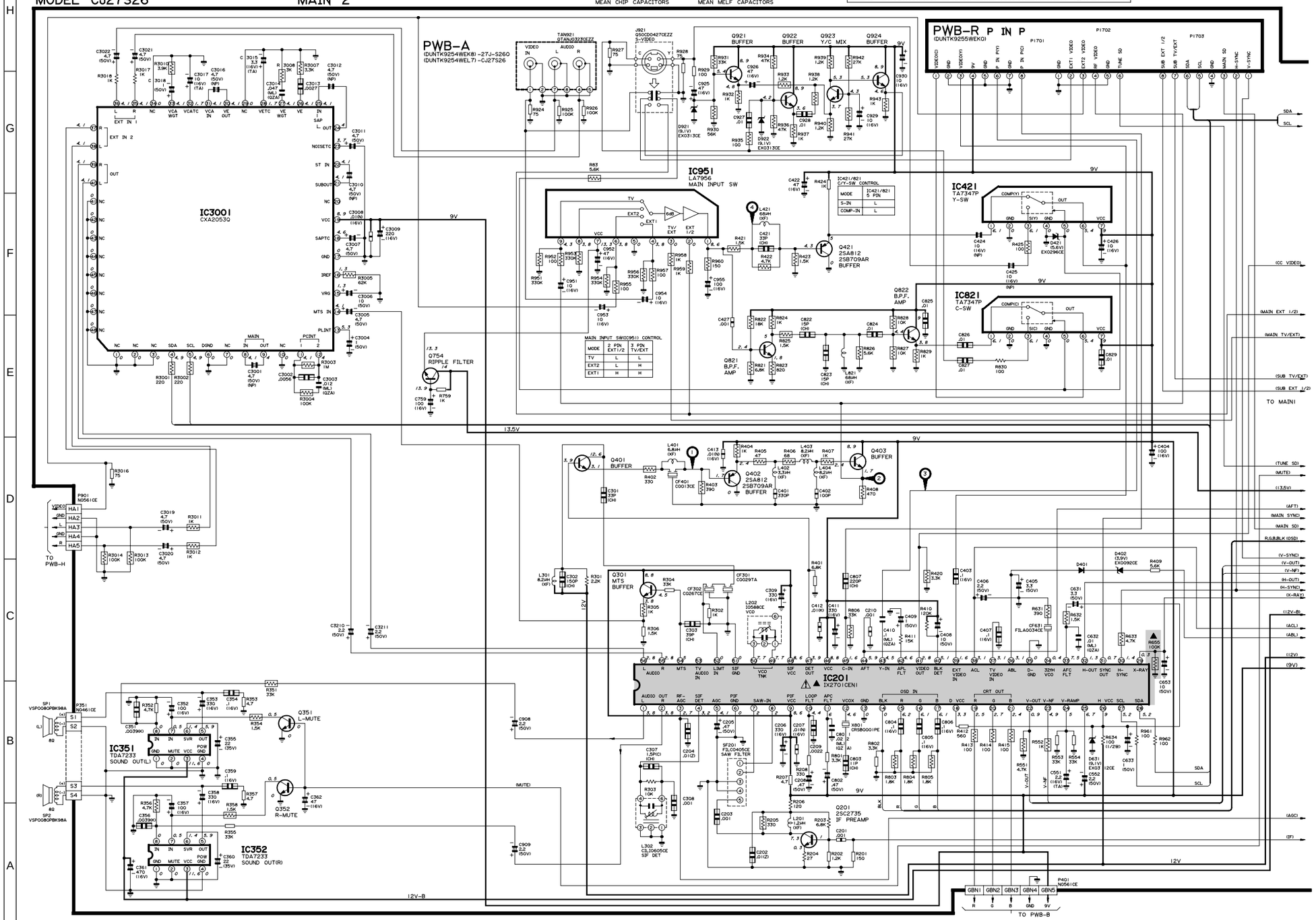
27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

SCHEMATIC DIAGRAM: 27J-S260/CJ27S26 MAIN2

MODEL 27J-S260
MODEL CJ27S26 MAIN 2

(NOTE)
MEAN CHIP RESISTOR(1/16W)
MEAN CHIP CAPACITORS
MEAN MELF RESISTOR
MEAN MELF CAPACITORS

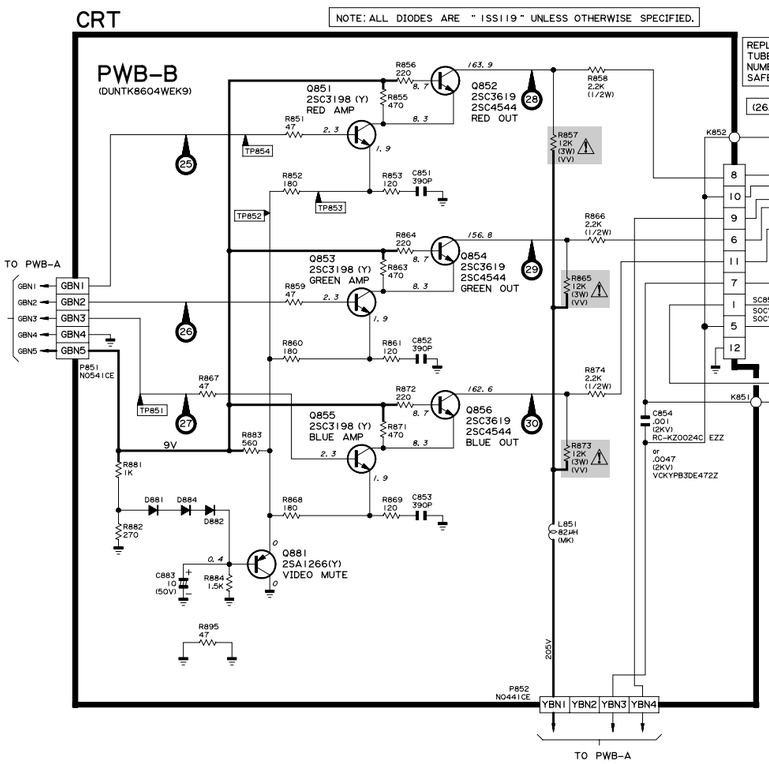
NOTE: ALL DIODES ARE "1SS119" UNLESS OTHERWISE SPECIFIED.
: ALL TRANSISTORS ARE "2SC2462" OR "2SD601AR" UNLESS OTHERWISE SPECIFIED.



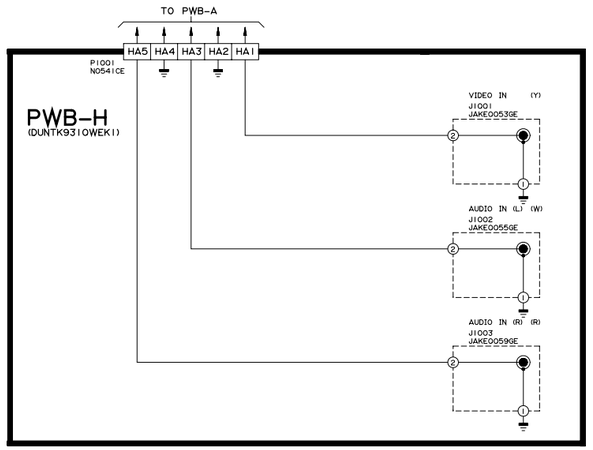
27J-S100/180/260 CJ27S10/26	27J-S100/180/260 CJ27S10/26

SCHEMATIC DIAGRAM: CRT

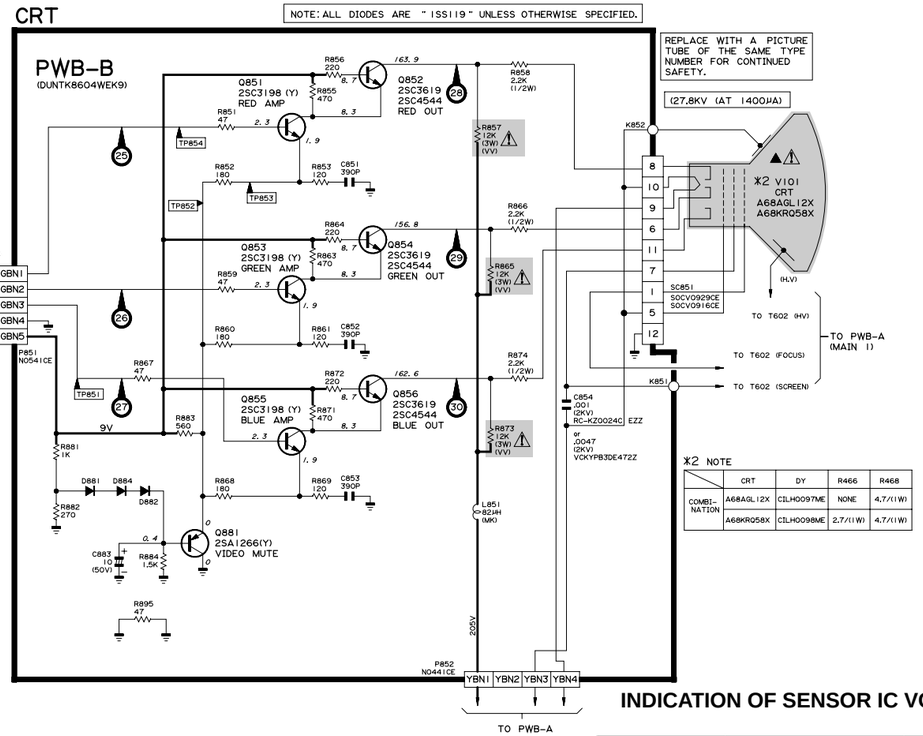
27J-S100/260
CJ27S10/26



FRONT AV



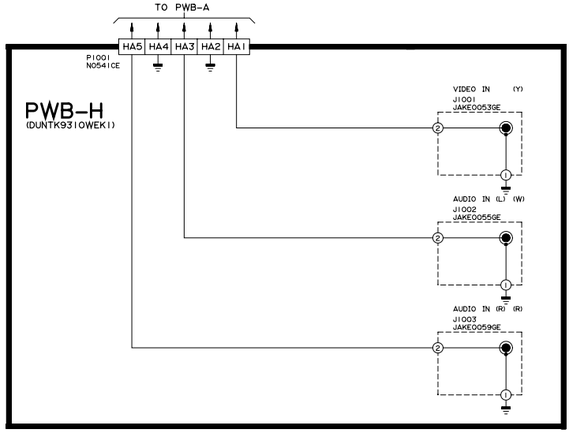
27J-S180



*2 NOTE

	CRT	DY	R466	R468
COMBI-NATION	A68AGL12X	CILH0097ME	NONE	4.7/(1W)
	A68KRQ58X	CILH0098ME	2.7/(1W)	4.7/(1W)

FRONT AV



INDICATION OF SENSOR IC VOLTAGE (IC2001)

PIN No.	IC2001	Logic or Voltage Levels
1	Power	H-Power L - power off
3	Mute	H-muteL - normal
9	Key(DC)	Power on 0V
		Vol-down on 0.54V
		Vol-up on 2.35V
		Ch-down on 3.55V
		Ch-up on 4.3V
10	AFT	DC2.2V
11	AC det	DC4.2V
18-20	OSD R.G.B	Pulse or DC
21	OSD BLK	Pulse or DC
22	HD	Pulse
23	VD	Pulse
29	Reset	5V
30	V-Pulse	Pulse
32	R/C	DC or Pulse
33	SCL	Pulse
34	SDA	Pulse
36	CC sync	Pulse
41	MAIN EXT 1 / 2	H-EXT 1 L - EXT 2 / TV
42	MAIN TV / EX	H-EXT 1/2 L - TV

REPLACEMENT PARTS LIST

Replacement parts which have these special safety characteristics identified in this manual;electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may creates shock, fire other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER 2.REF No.
3. PART NO. 4.DESCRIPTION

in USA Contact your nearest SHARP Parts Distributor to order.For location of SHARP Parts Distributor, Please call Toll-Free;1-800-BE-SHARP

MARK ★: SPARE PARTS-DELIVERY SECTION

▲ MARK:X-RAY RELATED PARTS

Ref. No.	Part No.	★	Description	Code

PICTURE TUBE

27J-S100,CJ27S10,CJ27S26.27J-S260

⚠▲V101	VB68ADT2506*S	M	Picture Tube (I.T.C)	CP
⚠ L702	RCiLG0029MEZZ	M	Degaussing Coil	AS
	QEARC2702MEZZ	M	Ground-Part	AF
	MSPRT0002MEZZ	M	Spring for CRT	AA

27J-S180

⚠▲V101	VB68AGL12X/*S	M	CRT DY:H0097ME	CP
or	VB68KRQ58X/*S	M	CRT DY:H0098ME	CP
⚠▲DY601	RCiLH0097MEZZ	M	DU CRT:A68AGL12X	BD
or	RCiLH0098MEZZ	M	DY CRT:A68KRQ58X	BD

Follow the combination below replacing the CRT

	CRT	DY	R466	R468
COMBI-	A68AGL12X	H0097ME	NONE	4.7/1W
NATION	A68KRQ58X	H0098ME	2.7/1W	4.7/1W

⚠ L702	RCiLG0029MEZZ	M	Degaussing Coil	AS
	QEARC2702MEZZ	M	Ground-Part	AF
	MSPRT0002MEZZ	M	Spring for CRT	AA
	PSPAG0016MEZZ	M	Spacer (Gum)	AA
	PMAGF3004MEZZ	M	Magnet	AG

PRINTED WIRING BOARD ASSEMBLIES

(NOT REPLACEMENT ITEM)

PWB-A	DUNTK9254WEK5	-	MAIN Unit (27J-S100)	_
	DUNTK9254WEK4	-	MAIN Unit(CJ27S10)	_
	DUNTK9254WEK8	-	MAIN Unit(27J-S260)	_
	DUNTK9254WEK6	-	MAIN Unit(27J-S180)	_
	DUNTK9254WEK7	-	MAIN Unit(CJ27S26)	_
PWB-B	DUNTK8604WEK8	-	CRT Unit (27J-S180)	_
PWB-B	DUNTK8604WEK9	-	CRT Unit	_
PWB-H	DUNTK9310WEK1	-	FRONT AV Unit	_
PWB-R	DUNTK9255WEK0	-	P-IN-P Unit (27J-S260/CJ27S26)	

LISTE DES PIECES

CHANGE DES PIECES

Les pi`eces de rechange qui pr éLeLesentent ces caract éLeristiques sp éLeciales de s éLecurit éLe, sont identifi éLees dans ce manuel: les pi`eces éLelectriques qui pr éLesentent ces particularit éLes, sont rep éLer éLee par la marque ⚠ et sont hachur éLees dans les listes de pi`eces et dans les diagrammes sch éLematiques.
La substitution d'une pi`ece de rechange par une autre qui ne pr éLesente pas les m éoemes caract éLeristiques de s éLecurit éLe que la pi`ece recommand éLee par l'usine et dans ce manuel de service, peut provoquer une éLelectrocution, un incendie ou toutautre sinistre.

"COMMENT COMMANDER LES PIECES DE RECHANGE"

Pour que votre commande soit rapidement et correctement remplie, veuillez fournir les renseignements suivants.

1. NUMERO DU MODELE 2. NO. DE REF
3. NO. DE PIECE 4. DESCRIPTION

in CANADA: Contact SHARP Electronics of Canada Limited Phone (416) 890-2100

★MARQUE: SECTION LIVRAISON DES PIECES DE RECHANGE

▲ MARQUE: PIECES RELATIVE AUX RAYONS X

Ref. No.	Part No.	★	Description	Code

DUNTK9254WEK5/K6/K4

27J-S100/180/CJ27S10 MAIN UNIT

TUNER

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDETLY

⚠ TU51	VTU115B8025AT	M	Tuner	BA

INTEGRATED CIRCUIT

IC101	VHiKA78S05P-1	J	KiA78S05P	AD
⚠▲IC201	RH-iX2701CEN1	R	I C	AY
IC351	VHiTDA7233/-1	J	TDA7233	AF
IC352	VHiTDA7233/-1	J	TDA7233	AF
⚠ IC501	VHiTA8427K/-1	J	TA8427k	AL
⚠▲IC701	RH-iX0758CEZZ	J	T8150	AF
IC702	VHiT8889A//-1	J	T8889A	AL
IC751	VHiKA7809Pi-1	R	KiA7809Pi	AE
IC951	VHiLA7956//-1	J	LA7956	AG
IC2001	RH-iX2946CEZZ	R	I C	AX
IC2040	VHiKiA7045P-1	J	KiA7045P	AD
or	VHiPST994C/-1			AD
IC2101	RH-iX2447CEN1	J	St24C01B6	AL
IC3001	VHiCXA2053Q-1	M	CXA2053Q/-T6	AS

TRANSISTORS

You can substitute "VS2SD601AR/-1 "for "VS2SC2462-C-1.

Q201	VS2SC2735//1E	J	2SC2735	AC
Q301	VS2SD601AR/-1	R	2SD601(AR)	AC
Q351	VS2SD601AR/-1	R	2SD601(AR)	AC
Q352	VS2SD601AR/-1	R	2SD601(AR)	AC
Q401	VS2SD601AR/-1	R	2SD601(AR)	AC
Q402	VS2SB709AR/-1	J	2SB709(AR)	AC
or	VS2SA812-M51E	J	2SA812	AC
Q403	VS2SD601AR/-1	R	2SB709(AR)	AC

DUNTK9254WEK5/K6/K4
27J-S100/180/CJ27S10 MAIN UNIT

Ref. No.	Part No.	★	Description	Code
	Q421	VS2SB709AR/-1	J	2SB709(AR)	AC
	or	VS2SA812-M51E	J	2SA812	AC
	Q451	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q601	VS2SC2655Y/-1	J	2SC2655(Y)	AE
⚠	Q602	VS2SD1556//1E	J	2SD1556	AP
		Q602	R603	R609	
	COMBI-	2SD1556	18/3W	18/3W	
	NATION	2SD2539	10/3W	10/3W	
	Q606	VS2SC3198-Y-1	J	2SC3198(Y)	AA
⚠	Q751	VS2SC1983//-2	J	2SC1983	AF
	Q752	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	Q753	VS2SA1013//1E	J	2SA1013	AD
	Q754	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q2060	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q2201	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q2211	VS2SD601AR/-1	R	2SD601(AR)	AC

DIODES

	D51	RH-EX0293CEZZ	J	Zener Diode,5 1V	AA
	D52	RH-EX0701GEZZ	J	Zener Diode	AB
	D103	VHD1SS119//-1	J	1SS119	AB
	D401	VHD1SS119//-1	J	1SS119	AB
	D402	RH-EX0092CEZZ	J	Zener Diode,3 9V	AB
	D451	VHD1SS119//-1	J	1SS119	AB
	D452	RH-EX0217CEZZ	J	Zener Diode,15V	AB
	D453	RH-EX0217CEZZ	J	Zener Diode,15V	AB
	D454	RH-EX0293CEZZ	J	Zener Diode,5 1V	AA
	D455	VHD1SS119//-1	J	1SS119	AB
	D456	VHD1SS119//-1	J	1SS119	AB
	D457	RH-EX0313CEZZ	J	Zener Diode,9 1V	AA
	D501	RH-DX0441CEZZ	J	Diode	AC
⚠	D502	RH-DX0131CEZZ	J	Diode	AC
	D503	RH-DX0441CEZZ	J	Diode	AC
	D631	RH-EX0312CEZZ	J	Zener Diode,9 1V	AA
⚠▲	D651	RH-DX0131CEZZ	J	Diode	AC
⚠▲	D652	RH-EX0655CEZZ	J	Zener Diode	AE
⚠▲	D653	VHD1SS119//-1	J	1SS119	AB
⚠▲	D654	VHD1SS119//-1	J	1SS119	AB
⚠	D701	RH-DX0154CEZZ	J	Diode	AC
⚠	D702	RH-DX0154CEZZ	J	Diode	AC
⚠	D703	RH-DX0154CEZZ	J	Diode	AC
⚠	D704	RH-DX0154CEZZ	J	Diode	AC
⚠	D705	VHD1SS119//-1	J	1SS119	AB
⚠	D706	RH-EX0238CEZZ	J	Zener Diode,75V	AC
⚠▲	D707	VHSS6785GLB2E	J	Si Control Rectifier	AL
⚠▲	D708	VHSS6785GLB2E	J	Si Control Rectifier	AL
⚠	D709	RH-DX0131CEZZ	J	Diode	AC
⚠	D710	RH-DX0131CEZZ	J	Diode	AC
⚠	D711	RH-DX0444CEZZ	J	Diode	AH
⚠	D751	RH-DX0441CEZZ	J	Diode	AC
⚠	D752	RH-EX0019TAZZ	J	Zener Diode	AB
⚠	D753	RH-DX0441CEZZ	J	Diode	AC
⚠	D754	RH-DX0441CEZZ	J	Diode	AC
⚠	D755	RH-DX0441CEZZ	J	Diode	AC
⚠	D756	RH-DX0441CEZZ	J	Diode	AC
	D757	VHD1SS119//-1	J	Diode	AB
	D758	RH-DX0441CEZZ	J	Diode	AC
	D760	RH-DX0441CEZZ	J	Diode	AC
	D761	RH-DX0441CEZZ	J	Diode	AC
	D2001	VHD1SS119//-1	J	Diode	AB

PACKAGED CIRCUITS

⚠	PR701	RMPTP0026CEZZ	J	Packaged Circuit	AF
	X801	RCRSB0001PEZZ	R	Crystal	AL

FILTERS

	CF301	RFiLC0029TAZZ	J	Filter	AD
	CF401	RFiLC0013CEZZ	J	Filter	AE
	CF631	RFiLA0034CEZZ	J	Filter	AD
	CF2040	RFiLC0121GEZZ	J	Filter	AD
	SF201	RFiLC0405CEZZ	R	S.A.W.Filter	AH

COILS

	L201	VP-XF1R2K0000	J	Peaking 1.2µH	AB
	L202	RCiLi0588CEZZ	J	If Coil	AF
	L301	VP-XF8R2K0000	J	Peaking 8.2µH	AB
	L302	RCiLi0605CEZZ	J	If Coil	AE
	L401	VP-XF6R8K0000	J	Peaking 6.8µH	AB
	L402	VP-XF3R3K0000	J	Peaking 3.3µH	AB
	L403	VP-XF8R2K0000	J	Peaking 8.2µH	AB
	L404	VP-XF8R2K0000	J	Peaking 8.2µH	AB
	L421	VP-XF680K0000	J	Peaking 68µH	AB
	L601	RCiLZ0621CEZZ	J	Coil	AH
⚠	L701	RCiLF0087CEZZ	J	Coil	AL
	or	RCiLF0025PEZZ			–
	or	RCiLF0235CEZZ			AK
	L2001	VP-XF101K0000	J	Peaking 100µH	AB
	L2002	VP-XF101K0000	J	Peaking 100µH	AB
	L2040	RCiLB0131CEZZ	J	Oscillation Coil	AE

TRANSFORMERS

⚠	T601	RTRNZ0168CEZZ	J	H-Driver	AH
⚠▲	T602	RTRNF0020MEZZ	M	H-OUT	AG
⚠	T701	RTRNP0416CEZZ	J	Power	AV

CAPACITORS

EL:Electrolytic

	C51	VCEAGA1VW476M	J	47	35V	EL	AB
	C52	VCSATA1CE226K	J	22	16V	Tantalum	AD
	C53	VCEAGA1HW105M	J	1	50V	EL	AC
	C54	VCEAGA1HW225M	J	2.2	50V	EL	AB
	C55	VCEAGA1CW108M	J	1000	16V	EL	AD
	C56	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
	C57	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
	C103	VCEAGH1CW338M	J	3300	16V	EL	AE
	C201	VCKYMN1HB102K	J	1000p	50V	Ceramic	AA
	C202	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
	C203	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
	C204	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA

DUNTK9254WEK5/K6/K4
27J-S100/180/CJ27S10 MAIN UNIT

Ref. No.	Part No.	★	Description			Code
C205	VCEAGA1HW474M	J	0.47	50V	EL	AA
C206	VCEAGA1CW337M	J	330	16V	EL	AC
C207	VCKYMN1CY103N	J	0.01	16V	Ceramic	AA
C208	VCEAGA1HW474M	J	0.47	50V	EL	AA
C209	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C210	VCKYMN1HB102K	J	1000p	50V	Ceramic	AA
C301	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C302	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C303	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C307	VCCCCY1HH1R5C	J	1.5p	50V	Ceramic	AD
C308	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C309	VCEAGA1CW337M	J	330	16V	EL	AC
C351	VCKYCY1HB392K	J	3900p	50V	Ceramic	AA
C352	VCEAGA1CW107M	J	100	16V	EL	AB
C353	VCEAGA1CW337M	J	330	16V	EL	AC
C354	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C355	VCEAGA1VW226M	J	22	35V	EL	AA
C356	VCKYCY1HB392K	J	3900p	50V	Ceramic	AA
C357	VCEAGA1CW107M	J	100	16V	EL	AB
C358	VCEAGA1CW337M	J	330	16V	EL	AC
C359	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C360	VCEAGA1VW226M	J	22	35V	EL	AA
C361	VCEAGA1CW477M	J	470	16V	EL	AC
C362	VCEAGA1CW476M	J	47	16V	EL	AB
C401	VCKYMN1HB331K	J	330p	50V	Ceramic	AA
C402	VCKYMN1HB101K	J	100p	50V	Ceramic	AA
C403	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C404	VCEAGA1CW107M	J	100	16V	EL	AB
C405	VCEAGA1HW335M	J	3.3	50V	EL	AB
C406	VCEAGA1HW225M	J	2.2	50V	EL	AB
C407	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C408	VCEAGA1HW106M	J	10	50V	EL	AC
C409	VCEAGA1HW105M	J	1	50V	EL	AC
C410	RC-QZA104TAYK	J	0.1	50V	Mylar	AB
C411	VCEAGA1CW337M	J	330	16V	EL	AC
C412	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C413	VCKYMN1CY103N	J	0.01	16V	Ceramic	AA
C421	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C422	VCEAGA1CW476M	J	47	16V	EL	AB
C451	RC-QZA104TAYK	J	0.1	50V	Mylar	AB
C452	VCEAGA1HW475M	J	4.7	50V	EL	AB
C453	VCEAGA2EW226M	J	22	250V	EL	AD
C454	VCEAGA1VW226M	J	22	35V	EL	AA
C502	VCEAGA1VW108M	J	1000	35V	EL	AD
C504	VCKYPA2HB391K	J	390p	500V	Ceramic	AA
C505	RC-QZA473TAYK	J	0.047	50V	Mylar	AB
C507	RC-QZA103TAYK	J	0.01	50V	Mylar	AA
C508	VCEAGA1VW107M	J	100	35V	EL	AC
C510	VCEAGA1VW108M	J	1000	35V	EL	AD
C511	VCFYSA1JA473J	J	047	63V	Mylar	AC
C512	VCFYSA1JA564J	J	0.56	63V	Mylar	AE
C513	VCEAGA1HW474M	J	0.47	50V	EL	AA
C514	VCSATA1VE684K	J	0.68	35V	Tantalum	AC

Ref. No.	Part No.	★	Description			Code
C551	VCSATA1CE225K	J	2.2	16V	Tantalum	AB
C552	VCEAGA1HW225M	J	2.2	50V	EL	AB
C603	RC-QZA273TAYK	J	0.027	50V	Mylar	AB
C604	VCEAGA1EW477M	J	470	25V	EL	AD
⚠▲C607	VCFPPD3CA682H	J	6800p	1600V	M.Poly Film	AE
			(27J-S100/CJ27S10)			
⚠▲C607	VCFPPD3CA622H	J	6200p	1600V	M.Poly Film	AE
			(27J-S100/CJ27S10)			
⚠▲C608	VCFPPD3CA622H	J	6200p	1600V	M.Poly Film	AE
			(27J-S100/CJ27S10)			
⚠▲C608	VCFPPD3CA682H	J	6800p	1600V	M.Poly Film	AE
			(27J-S100/CJ27S10)			
C612	VCFPPD2DB474J	J	0.47	200V	Poly Film	AE
C614	VCKYPA2HB821K	J	820p	500V	Ceramic	AA
C631	VCEAGA1HW335M	J	3.3	50V	EL	AB
C632	RC-QZA103TAYK	J	0.01	50V	Mylar	AA
C633	VCEAGA1HW105M	J	1	50V	EL	AC
C652	VCEAGA1HW106M	J	10	50V	EL	AC
C653	VCEAGA1HW106M	J	10	50V	EL	AC
⚠ C701	RC-FZ017SCEZZ	J	0.22	AC250V	Plastic	AD
or	RC-FZ012SGEZZ					AE
or	RC-FZ004SCEZZ					AG
or	RC-FZ067SGEZZ					_
C702	RC-KZ0029CEZZ	J	0.01	AC250V	Ceramic	AC
or	VCKYPB2HE103P		0.01	500V	Ceramic	AB
C703	RC-KZ0029CEZZ	J	0.01	AC250V	Ceramic	AC
or	VCKYPB2HE103P		0.01	500V	Ceramic	AB
C704	VCKYPA2HB472K	J	4700p	500V	Ceramic	AB
⚠ C705	RC-EZ0395CEZZ	J	820	200V	EL.	AT
or	RC-EZ0334CEZZ					AV
or	RC-EZ0657CEZZ					_
⚠ C706	RC-KZ0092GEZZ	J	0.033	AC250V	Ceramic	AC
or	RC-KZ0311CEZZ					_
C707	VCKYPA2HB272K	J	2700p	500V	Ceramic	AA
C708	VCKYPA2HB391K	J	390p	500V	Ceramic	AA
C709	RC-QZ0010CEZZ	J	0.01	250C	Ceramic	AC
C710	RC-QZ0010CEZZ	J	0.01	250V	Ceramic	AC
C711	VCKYPA2HB391K	J	390p	500V	Ceramic	AA
C712	VCKYPA2HB272K	J	2700p	500V	Ceramic	AA
⚠ C713	VCEAGW2CW227M	J	220	160V	EL	AK
C714	RC-QZA273TAYK	J	0.027	50V	Mylar	AB
⚠▲C715	RC-QZA103TAYK	J	0.01	50V	Mylar	AA
C717	VCEAGA1HW106M	J	10	50V	EL	AC
C721	VCEAGA1EW477M	J	470	25V	EL	AD
C722	VCKYPA2HB152K	J	1500p	500V	Ceramic	AA
C751	VCEAGA1EW476M	J	47	25V	EL	AB
C753	VCEAGA1VW227M	J	220	35V	EL	AC
C754	VCEAGA1CW107M	J	100	16V	EL	AB
C756	VCEAGA1CW337M	J	330	16V	EL	AC
C759	VCEAGA1CW107M	J	100	16V	EL	AB
C801	RC-QZA223TAYK	J	0.022	50V	Mylar	AB
C802	VCEAGA1HW474M	J	0.47	50V	EL	AA
C803	VCCCCY1HH110J	J	11p	50V	Ceramic	AA
C804	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C805	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB

DUNTK9254WEK5/K6/K4

27J-S100/180/CJ27S10 MAIN UNIT

Ref. No.	Part No.	★	Description			Code
C806	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C807	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C808	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C908	VCEAGA1HW225M	J	2.2	50V	EL	AB
C909	VCEAGA1HW225M	J	2.2	50V	EL	AB
C951	VCEAGA1CW106M	J	10	16V	EL	AA
C952	VCEAGA1CW476M	J	47	16V	EL	AB
C953	VCEAGA1CW106M	J	10	16V	EL	AA
C954	VCEAGA1CW106M	J	10	16V	EL	AA
C955	VCEAGA1CW107M	J	100	16V	EL	AB
C2001	VCKYMN1HB101K	J	100p	50V	Ceramic	AA
C2002	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2040	VCEAGA1AW107M	J	100	10V	EL	AB
C2041	VCEAGA1HW105M	J	1	50V	EL	AC
C2060	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2061	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2062	VCEAGA1AW107M	J	100	10V	EL	AB
C2201	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C2601	VCEAGA1HW475M	J	4.7	50V	EL	AB
C2602	VCKYMN1HB101K	J	100p	50V	Ceramic	AA
C3001	VCE9GA1HW475M	J	4.7	50V	EL (N.P)	AB
C3002	VCKYCY1HB562K	J	5600p	50V	Ceramic	AA
C3003	RC-QZA123TAYK	J	0.012	50V	Mylar	AB
C3004	VCEAGA1HW105M	J	1	50V	EL	AC
C3005	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3006	VCEAGA1HW106M	J	10	50V	EL	AC
C3007	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3008	VCKYMN1CY103N	J	0.01	16V	Ceramic	AA
C3009	VCEAGA1CW227M	J	220	16V	EL	AC
C3010	VCE9GA1HW475M	J	4.7	50V	EL	AB
C3011	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3012	VCE9GA1HW475M	J	4.7	50V	EL	AB
C3013	VCKYCY1HB272K	J	2700p	50V	Ceramic	AA
C3014	RC-QZA473TAYK	J	0.047	50V	Mylar	AB
C3015	VCSATA1CE335K	J	3.3	16V	TantalumAC	
C3016	VCE9GA1HW475M	J	4.7	50V	EL(N.P)	AB
C3017	VCSATA1CE106K	J	10	16V	Tantalum	AD
C3018	VCEAGA1HW105M	J	1	50V	EL	AC
C3019	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3020	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3021	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3022	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3210	VCEAGA1HW225M	J	2.2	50V	EL	AB
C3211	VCEAGA1HW225M	J	2.2	50V	EL	AB

RESISTORS

Ref. No.	Part No.	★				Code
RJ1	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ2	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ3	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ4	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ5	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ6	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ7	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ8	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ9	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ10	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ11	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ13	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ15	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ17	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ18	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ19	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ20	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ21	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ25	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ26	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ27	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ28	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ29	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ30	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ31	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ34	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ35	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ36	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ37	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ38	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ39	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ41	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ42	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ43	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ44	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ48	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ49	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ52	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ53	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ54	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ55	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ56	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ57	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ58	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ59	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ61	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ62	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ63	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ64	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ65	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ66	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ67	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ68	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ69	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ70	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ71	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ73	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ74	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ75	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ77	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ78	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ79	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ80	VRD-MN2BE000J	J	0	1/8W	Carbon	AA

DUNTK9254WEK5/K6/K4
27J-S100/180/CJ27S10 MAIN UNIT

Ref. No.	Part No.	★		Description		Code
RJ82	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ83	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ84	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ85	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ90	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ91	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ92	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ93	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ95	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ96	VRS-CY1JF000J	J	0	1/16W	M.Oxide	AA
RJ97	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
⚠ R51	VRS-RG3DB151J	J	150	2W	M.Oxide	
R52	VRD-RA2BE1R0J	J	1	1/8W	Carbon	AA
⚠ R53	VRS-RG3LB333J	J	33k	3W	M.Oxide	AC
R54	VRD-MN2BE101J	J	100	1/8W	Carbon	AA
R55	VRD-MN2BE101J	J	100	1/8W	Carbon	AA
R56	VRD-MN2BE823J	J	82k	1/8W	Carbon	AA
R57	VRD-MN2BE103J	J	10k	1/8W	Carbon	AA
R201	VRD-MN2BE151J	J	150	1/8W	Carbon	AA
R202	VRD-MN2BE122J	J	1.2k	1/8W	Carbon	AA
R203	VRD-MN2BE682J	J	6.8k	1/8W	Carbon	AA
R204	VRD-MN2BE270J	J	27	1/8W	Carbon	AA
R205	VRS-CY1JF331J	J	330	1/16W	M.Oxide	AA
R206	VRD-RA2BE121J	J	120	1/8W	Carbon	AA
R207	VRD-MN2BE4R7J	J	4.7	1/8W	Carbon	AA
R208	VRD-MN2BE331J	J	330	1/8W	Carbon	AA
R301	VRD-RA2BE222J	J	2.2k	1/8W	Carbon	AA
R302	VRD-MN2BE102J	J	1k	1/8W	Carbon	AA
R303	VRD-MN2BE103J	J	10k	1/8W	Carbon	AA
R304	VRD-MN2BE333J	J	33k	1/8W	Carbon	AA
R305	VRS-CY1JF102J	J	1k	1/16W	M.Oxide	AA
R306	VRD-MN2BE152J	J	1.5k	1/8W	Carbon	AA
R351	VRS-CY1JF333J	J	33k	1/16W	M.Oxide	AA
R352	VRD-MN2BE472J	J	4.7k	1/8W	Carbon	AA
R353	VRD-MN2BE4R7J	J	4.7	1/8W	Carbon	AA
R354	VRS-CY1JF152J	J	1.5k	1/16W	M.Oxide	AA
R355	VRD-MN2BE333J	J	33k	1/8W	Carbon	AA
R356	VRS-CY1JF472J	J	4.7k	1/16W	M.Oxide	AA
R357	VRD-MN2BE4R7J	J	4.7	1/8W	Carbon	AA
R358	VRS-CY1JF152J	J	1.5k	1/16W	M.Oxide	AA
R401	VRD-MN2BE682J	J	6.8k	1/8W	Carbon	AA
R402	VRS-CY1JF331J	J	330	1/16W	M.Oxide	AA
R403	VRS-CY1JF391J	J	390	1/16W	M.Oxide	AA
R404	VRS-CY1JF102J	J	1k	1/16W	M.Oxide	AA
R405	VRS-CY1JF470J	J	47	1/16W	M.Oxide	AA
R406	VRS-CY1JF680J	J	68	1/16W	M.Oxide	AA
R407	VRS-CY1JF102J	J	1k	1/16W	M.Oxide	AA
R408	VRS-CY1JF471J	J	470	1/16W	M.Oxide	AA
R409	VRD-MN2BE562J	J	5.6k	1/8W	Carbon	AA
R410	VRD-RA2BE124J	J	120k	1/8W	Carbon	AA
R411	VRD-RA2BE153J	J	15k	1/8W	Carbon	AA
R412	VRD-MN2BE561J	J	560	1/8W	Carbon	AA
R413	VRS-CY1JF101J	J	100	1/16W	M.Oxide	AA
R414	VRS-CY1JF101J	J	100	1/16W	M.Oxide	AA
R415	VRS-CY1JF101J	J	100	1/16W	M.Oxide	AA
R420	VRS-CY1JF332J	J	3.3k	1/16W	M.Oxide	AA
R421	VRS-CY1JF152J	J	1.5k	1/16W	M.Oxide	AA
R422	VRS-CY1JF472J	J	4.7k	1/16W	M.Oxide	AA
R423	VRS-CY1JF152J	J	1.5k	1/16W	M.Oxide	AA
R424	VRD-MN2BE102J	J	1k	1/8W	Carbon	AA
⚠ R451	VRS-RG2HC103J	J	10k	1/2W	M.Oxide	AA
R452	VRD-MN2BE103J	J	10k	1/8W	Carbon	AA
R453	VRD-RA2EE393J	J	39k	1/4W	Carbon	AA
R454	VRD-RM2HD104J	J	100k	1/2W	Carbon	AA
R455	VRD-RA2BE152J	J	1.5k	1/8W	Carbon	AA
R456	VRS-CY1JF682J	J	6.8k	1/16W	M.Oxide	AA
R457	VRS-CY1JF102J	J	1k	1/16W	M.Oxide	AA
⚠ R458	VRS-RG3DB332J	M	3.3k	2W	M.Oxide	AA
R459	VRD-MN2BE102J	J	1k	1/8W	Carbon	AA
⚠ R466	VRN-RL3DB1R5J	M	1.5	2W	M.Film	AA
				(27J-S100/CJ27S10)		
⚠ R466	VRN-RL3AB2R7J	J	2.7	1W	M.Film	AA
				(27J-S180)		
⚠ R467	VRN-RL3ABR39J	M	0.39	1W	M.Film	AA
				(27J-S100/CJ27S10)		
⚠ R467	VRN-RL3ABR56J	M	0.56	1W	M.Film	AA
				(27J-S180)		
⚠ R468	VRN-RL3AB4R7J	J	4.7	1W	M.Film	AB
				(27J-S180)		
R501	VRD-RA2BE124G	J	120k	1/8W	Carbon	AA
R502	VRD-RA2BE823G	J	82k	1/8W	Carbon	AB
R503	VRD-MN2BE473J	J	47k	1/8W	Carbon	AA
R504	VRD-MN2BE471J	J	470	1/8W	Carbon	AA
R505	VRD-MN2BE101J	J	100	1/8W	Carbon	AA
R510	VRN-RL3AB1R0J	M	1	1W	M.Film	AA
⚠ R511	VRN-RL3ABR56J	J	0.56	1W	M.Film	AA
⚠ R512	VRS-RG3AB391J	M	390	1W	M.Oxide	AA
R513	VRD-MN2BE272J	J	2.7k	1/8W	Carbon	AA
R516	VRD-MN2BE472J	J	4.7k	1/8W	Carbon	AA
R517	VRD-MN2BE682J	J	6.8k	1/8W	Carbon	AA
R518	VRD-MN2BE184J	J	180k	1/8W	Carbon	AA
R521	VRD-RA2BE153G	J	15k	1/8W	Carbon	AA
R551	VRS-CY1JF472J	J	4.7k	1/16W	M.Oxide	AA
R552	VRS-CY1JF102J	J	1k	1/16W	M.Oxide	AA
R553	VRD-MN2BE333J	J	33k	1/8W	Carbon	AA
				(27J-S100/CJ27S10)		
R553	VRD-MN2BE104J	J	100	1/8W	Carbon	AA
				(27J-S180)		
R554	VRD-MN2BE333J	J	33k	1/8W	Carbon	AA
				(27J-S100/CJ27S10)		
R554	VRD-MN2BE183J	J	18k	1/8W	Carbon	AA
				(27J-S180)		
R601	VRD-MN2BE331J	J	330	1/8W	Carbon	AA
R602	VRD-RM2HD560J	J	56	1/2W	Carbon	AA
⚠ R603	VRS-RG3LB180J	J	18	3W	M.Film	AD
				Q602 :2SD1556		
or	VRS-RG3LB100J	J	10	3W	M.Film	AD
				Q602 :2SD2539		
⚠ R604	VRN-RL3LBR56J	M	0.56	30W	M.Film	AA

DUNTK9254WEK5/K6/K4
27J-S100/180/CJ27S10 MAIN UNIT

Ref. No.	Part No.	★		Description		Code
R605	VRD-RM2HD102J	J	1k	1/2W	Carbon	AA
R606	VRD-MN2BE102J	J	1k	1/8W	Carbon	AA
R608	VRD-MN2BE101J	J	100	1/8W	Carbon	AA
⚠ R609	VRS-RG3LB180J	J	18	3W	M.Film	AD
				Q602:2SD1556		
or	VRS-RG3LB100J	J	10	3W	M.Film	AD
				Q602:2SD2539		
⚠ R610	VRN-RL3LBR56J	M	0.56	3W	M.Film	
R611	VRD-MN2BE332J	J	3.3k	1/8W	Carbon	AA
R631	VRS-CY1JF391J	J	390	1/16W	M.Oxide	AA
R632	VRS-CY1JF152J	J	1.5k	1/16W	M.Oxide	AA
R633	VRS-CY1JF472J	J	4.7k	1/16W	M.Oxide	AA
R634	VRD-RM2HD101J	J	100	1/2W	Carbon	AA
⚠▲R651	VRS-RG2HC270J	M	27	1/2W	M.Oxide	
⚠▲R652	VRD-MN2BE182J	J	1.8k	1/8W	Carbon	AA
				(27J-S100/CJ27S10)		
⚠▲R652	VRD-MN2BE821J	J	820	1/8W	Carbon	AA
				(27J-S180)		
⚠▲R653	VRN-RA2BK822F	J	8.2k	1/8W	M.Film	AA
⚠▲R654	VRN-RA2BK682F	J	6.8k	1/8W	M.Film	AA
⚠▲R655	VRS-CY1JF104J	J	100k	1/16W	M.Oxide	AA
⚠ R701	VRC-UA2HG275K	J	2.7M	1/2W	Solid	AA
				(27J-S100/S180)		
⚠ R701	VRC-UB2HG275K	J	2.7M	1/2W	Solid	AA
				(CJ27S10)		
⚠ R702	VRW-KQ3NC1R2K	J	1 2	7W	Cement	AE
R704	VRD-RM2HD223J	J	22k	1/2W	Carbon	AA
R705	VRD-RM2HD223J	J	22k	1/2W	Carbon	AA
⚠ R706	VRS-RG2HC151J	J	150	1/2W	M.Oxide	AA
⚠ R707	VRW-KQ3HC331K	J	330	5W	Cement	AE
R708	VRD-RM2HD330J	J	33	1/2W	Carbon	AA
⚠ R709	VRW-KQ3HC331K	J	330	5W	Cement	AE
R710	VRD-RM2HD330J	J	33	1/2W	Carbon	AA
⚠ R711	VRN-GA2EB1R0J	J	1	1/4W	M.Film	AA
R712	VRD-RA2BE822J	J	8.2k	1/8W	Carbon	AA
R713	VRD-RM2HD681J	J	680	1/2W	Carbon	AA
⚠ R714	VRS-KA3NG3R3K	J	3.3	7W	M.Oxide	AD
⚠ R715	VRW-KQ41C2R7K	J	2.7	15W	Cement	AG
R716	VRD-RM2HD223J	J	22k	1/2W	Carbon	AA
⚠ R717	VRN-GA2EB1R0J	J	1	1/4W	M.Film	AA
⚠ R718	VRN-RL3AB2R7J	M	2.7	1W	M.Film	AA
				(27J-S100/CJ27S10)		
⚠ R718	VRS-RG3AB120J	M	12	1W	M.Film	AA
				(27J-S180)		
⚠ R719	VRN-RL3DBR56J	M	0.56	2W	M.Film	
R751	VRD-RM2HD471J	J	470	1/2W	Carbon	AA
R752	VRD-MN2BE472J	J	4.7k	1/8W	Carbon	AA
R754	VRD-MN2BE223J	J	22k	1/8W	Carbon	AA
⚠ R755	VRS-RG3DB270J	J	27	2W	M.Oxide	AC
R757	VRD-MN2BE472J	J	4.7k	1/8W	Carbon	AA
R759	VRD-MN2BE102J	J	1k	1/8W	Carbon	AA
⚠ R760	VRS-RG3AB180J	J	18	1W	M.Oxide	AB
				(27J-S100/S180)		
⚠ R761	VRN-RL3AB6R8J	M	6.8	1W	M.Film	AA
⚠ R766	VRG-RL2HB180J	M	18	1/2W	Fuse.Res.	AA
				(CJ27S10)		
R801	VRD-MN2BE332J	J	3.3k	1/8W	Carbon	AA
R802	VRD-MN2BE332J	J	3.3k	1/8W	Carbon	AA
R803	VRS-CY1JF182J	J	1.8k	1/16W	M.Oxide	AA
R804	VRS-CY1JF182J	J	1.8k	1/16W	M.Oxide	AA
R805	VRS-CY1JF182J	J	1.8k	1/16W	M.Oxide	AA
R806	VRS-CY1JF333J	J	33k	1/16W	M.Oxide	AA
R807	VRS-CY1JF182J	J	1.8k	1/16W	M.Oxide	AA
R808	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R924	VRD-MN2BE750J	J	75	1/8W	Carbon	AA
R925	VRD-MN2BE104J	J	100k	1/8W	Carbon	AA
R926	VRD-MN2BE104J	J	100k	1/8W	Carbon	AA
R951	VRS-CY1JF334J	J	330k	1/16W	M.Oxide	AA
R952	VRS-CY1JF101J	J	100	1/16W	M.Oxide	AA
R953	VRS-CY1JF334J	J	330k	1/16W	M.Oxide	AA
R954	VRS-CY1JF334J	J	330k	1/16W	M.Oxide	AA
R955	VRS-CY1JF101J	J	100	1/16W	M.Oxide	AA
R956	VRS-CY1JF334J	J	330k	1/16W	M.Oxide	AA
R957	VRS-CY1JF101J	J	100	1/16W	M.Oxide	AA
R958	VRS-CY1JF102J	J	1k	1/16W	M.Oxide	AA
R959	VRS-CY1JF102J	J	1k	1/16W	M.Oxide	AA
R960	VRS-CY1JF151J	J	150	1/16W	M.Oxide	AA
R961	VRD-RA2BE101J	J	100	1/8W	Carbon	AA
R962	VRD-RA2BE101J	J	100	1/8W	Carbon	AA
R2001	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R2002	VRS-CY1JF103J	J	10k	1/16W	M.Oxide	AA
R2004	VRD-RA2BE473J	J	47k	1/8W	Carbon	AA
R2006	VRS-CY1JF102J	J	1k	1/16W	M.Oxide	AA
R2008	VRD-RA2BE224J	J	220k	1/8W	Carbon	AA
R2009	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R2010	VRS-CY1JF102J	J	1k	1/16W	M.Oxide	AA
R2011	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R2012	VRS-CY1JF471J	J	470	1/16W	M.Oxide	AA
R2020	VRD-RM2HD223J	J	22k	1/2W	Carbon	AA
R2022	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R2024	VRD-RA2BE682J	J	6.8k	1/8W	Carbon	AA
R2025	VRD-RA2BE682J	J	6.8k	1/8W	Carbon	AA
R2026	VRD-RA2BE682J	J	6.8k	1/8W	Carbon	AA
R2027	VRD-RA2BE682J	J	6.8k	1/8W	Carbon	AA
R2028	VRD-RA2BE102J	J	1k	1/8W	Carbon	AA
R2029	VRS-CY1JF103J	J	10k	1/16W	M.Oxide	AA
R2030	VRS-CY1JF103J	J	10k	1/16W	M.Oxide	AA
R2031	VRS-CY1JF103J	J	10k	1/16W	M.Oxide	AA
R2032	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R2040	VRS-CY1JF102J	J	1k	1/16W	M.Oxide	AA
R2041	VRS-CY1JF333J	J	33k	1/16W	M.Oxide	AA
R2042	VRS-CY1JF101J	J	100	1/16W	M.Oxide	AA
R2043	VRD-MN2BE333J	J	33k	1/8W	Carbon	AA
R2044	VRS-CY1JF682J	J	6.8k	1/16W	M.Oxide	AA
R2045	VRS-CY1JF101J	J	100	1/16W	M.Oxide	AA
R2046	VRD-RA2BE101J	J	100	1/8W	Carbon	AA
R2047	VRD-MN2BE221J	J	220	1/8W	Carbon	AA
R2048	VRS-CY1JF562J	J	5.6k	1/16W	M.Oxide	AA
R2060	VRD-MN2BE221J	J	220	1/8W	Carbon	AA

DUNTK9254WEK5/K6/K4
27J-S100/180/CJ27S10 MAIN UNIT

Ref. No.	Part No.	★	Description	Code
R2061	VRS-CY1JF562J	J	5.6k 1/16W M.Oxide	AA
R2062	VRD-RA2BE183J	J	18k 1/8W Carbon	AA
R2063	VRS-CY1JF222J	J	2.2k 1/16W M.Oxide	AA
R2064	VRS-CY1JF332J	J	3.3k 1/16W M.Oxide	AA
R2065	VRS-CY1JF102J	J	1k 1/16W M.Oxide	AA
R2068	VRS-CY1JF103J	J	10k 1/16W M.Oxide	AA
R2070	VRS-CY1JF103J	J	10k 1/16W M.Oxide	AA
R2071	VRS-CY1JF102J	J	1k 1/16W M.Oxide	AA
R2072	VRS-CY1JF102J	J	1k 1/16W M.Oxide	AA
R2101	VRS-CY1JF101J	J	100 1/16W M.Oxide	AA
R2102	VRS-CY1JF101J	J	100 1/16W M.Oxide	AA
R2201	VRS-CY1JF222J	J	2.2k 1/16W M.Oxide	AA
R2202	VRS-CY1JF103J	J	10k 1/16W M.Oxide	AA
R2203	VRD-RA2BE184J	J	180k 1/8W Carbon	AA
R2211	VRS-CY1JF222J	J	2.2k 1/16W M.Oxide	AA
R2212	VRS-CY1JF682J	J	6.8k 1/16W M.Oxide	AA
R2213	VRS-CY1JF333J	J	33k 1/16W M.Oxide	AA
R2401	VRS-CY1JF101J	J	100 1/16W M.Oxide	AA
R2402	VRS-CY1JF101J	J	100 1/16W M.Oxide	AA
R2403	VRS-CY1JF101J	J	100 1/16W M.Oxide	AA
R2404	VRS-CY1JF101J	J	100 1/16W M.Oxide	AA
R2501	VRD-MN2BE103J	J	10k 1/8W Carbon	AA
R2503	VRD-MN2BE273J	J	27k 1/8W Carbon	AA
R2504	VRD-MN2BE123J	J	12k 1/8W Carbon	AA
R2505	VRD-MN2BE563J	J	56k 1/8W Carbon	AA
R2506	VRD-MN2BE563J	J	56k 1/8W Carbon	AA
R2507	VRD-MN2BE823J	J	82k 1/8W Carbon	AA
R2508	VRD-MN2BE153J	J	15k 1/8W Carbon	AA
R2509	VRD-MN2BE272J	J	2.7k 1/8W Carbon	AA
R2601	VRD-RA2BE331J	J	330 1/8W Carbon	AA
R3001	VRS-CY1JF221J	J	220 1/16W M.Oxide	AA
R3002	VRS-CY1JF221J	J	220 1/16W M.Oxide	AA
R3003	VRS-CY1JF105J	J	1M 1/16W M.Oxide	AA
R3004	VRS-CY1JF104J	J	100k 1/16W M.Oxide	AA
R3005	VRS-CY1JF623J	J	62k 1/16W M.Oxide	AA
R3007	VRS-CY1JF332J	J	3.3k 1/16W M.Oxide	AA
R3008	VRS-CY1JF302J	J	3k 1/16W M.Oxide	AA
R3010	VRS-CY1JF392J	J	3.9k 1/16W M.Oxide	AA
R3011	VRS-CY1JF102J	J	1k 1/16W M.Oxide	AA
R3012	VRS-CY1JF102J	J	1k 1/16W M.Oxide	AA
R3013	VRS-CY1JF104J	J	100k 1/16W M.Oxide	AA
R3014	VRS-CY1JF104J	J	100k 1/16W M.Oxide	AA
R3016	VRD-MN2BE750J	J	75 1/8W Carbon	AA
R3017	VRD-RA2BE102J	J	1k 1/8W Carbon	AA
R3018	VRD-RA2BE102J	J	1k 1/8W Carbon	AA

SWITCHES

S501	QSW-B0015CEZZ	J	V-Lin.	AC
S2501	QSW-K0079GEZZ	J	Power	AB
S2502	QSW-K0079GEZZ	J	Vol-down	AB
S2503	QSW-K0079GEZZ	J	Vol-up	AB
S2504	QSW-K0079GEZZ	J	CH-down	AB
S2505	QSW-K0079GEZZ	J	CH-up	AB

MISCELLANEOUS PARTS

⚠	RY701	RRLYU0036CEZZ	J	Relay	AM
	or	RRLYU0028CEZZ			AK
	or	RRLYU0038CEZZ			
⚠	F701	QFS-B4023CEZZ	J	Fuse	AC
	or	QFS-B4021GEZZ			
	FB601	RBLN-0037CEZZ	J	Balun	AB
	FB701	RBLN-0037CEZZ	J	Balun	AB
	FB702	RBLN-0037CEZZ	J	Balun	AB
	FH701	QFSHD1013CEZZ	J	Fuse Holder	AC
	FH702	QFSHD1014CEZZ	J	Fuse Holder	AC
	P52	QPLGN0160CEZZ	J	Plug	AB
	P351	QPLGN0461CEZZ	J	Plug	AB
	P401	QPLGN0561CEZZ	J	Plug	AB
	P602	QPLGN0160FJZZ	J	Plug	AD
	P651	QPLGN0361CEZZ	J	Plug	AB
	P701	QPLGN0207CEZZ	J	Plug	AA
	P702	QPLGN0461CEZZ	J	Plug	AB
	P703	QPLGN0269GEZZ	J	Plug	AB
	P707	QPLGN0160CEZZ	J	Plug	AB
	P901	QPLGN0561CEZZ	J	Plug	AB
	P2401	QPLGN0561CEZZ	J	Plug	AB
	RMC2601	RRMCU0224CEZZJ		Remote Receiver	AM
	or	RRMCU0216CEZZ	J	Remote Receiver	AM
	RDA501	PRDAR0234PEFW	M	Heat Sink	AE
	RDA604	PRDAR0233PEFW	M	Heat Sink	AE
	RDA707	PRDAR0026PEFW	R	Heat Sink	AD
	RDA708	PRDAR0026PEFW	R	Heat Sink	AD
	RDA751	PRDAR5072CEFW	J	Heat Sink	AC
	TAN921	QTANJ0323CEZZ	M	V/A Terminal	AF
		LX-BZ3049GEFD	J	Screw	AA

DUNTK9254WEK8/K7
27J-S260/CJ27S26 MAIN UNIT

Ref. No.	Part No.	★	Description	Code

TUNER

⚠	TU51	VTU115B8025AT	M	Tuner	BA

INTEGRATED CIRCUITS

	IC101	VHiKA78S05P-1	J	KiA78S05P	AD
⚠▲	IC201	RH-iX2701CEN1	R	I C	AY
	IC351	VHiTDA7233/-1	J	TDA7233	AF
	IC352	VHiTDA7233/-1	J	TdA7233	AF
	IC421	VHiTA7347P/-1	M	TA7347P	AG
⚠	IC501	VHiTA8427K/-1	J	TA8427k	AL
⚠▲	IC701	RH-iX0758CEZZ	J	T8150	AF
	IC702	VHiT8889A//-1	J	T8889A	AL
	IC751	VHiKA7809Pi-1	M	KiA7809Pi	AE
	IC821	VHiTA7347P/-1	M	TA7347P	AG
	IC951	VHiLA7956//-1	J	LA7956	AG
	IC2001	RH-iX2947CEZZ	M	I C	AT
	IC2040	VHiKiA7045P-1	J	KiA7045P	AD
	or	VHiPST994C/-1			AD
	IC2101	RH-iX2447CEN1	J	ST24C01B6	AL
	IC3001	VHiCXA2053Q-1	M	CXA2053Q/-T6	AS

TRANSISTORS

You can substitute "VS2SD601AR/-1 "for "VS2SC2462-C-1.

	Q201	VS2SC2735//1E	J	2SC2735	AC
	Q301	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q351	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q352	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q401	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q402	VS2SB709AR/-1	J	2SB709(AR)	AC
	or	VS2SA812-M51E	J	2SA812	AC
	Q403	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q421	VS2SB709AR/-1	J	2SB709(AR)	AC
	or	VS2SA812-M51E	J	2SA812	AC
	Q451	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q601	VS2SC2655Y/-1	J	2SC2655(Y)	AE
⚠	Q602	VS2SD1556//1E	J	2SD1556	AP
	Q606	VS2SC3198-Y-1	J	2SC3198(Y)	AA
	Q751	VS2SC1983//-2	J	2SC1983	AF
⚠	Q752	VS2SC3198-Y-1	J	2SC3198	AA
	Q753	VS2SA1013//1E	J	2SA1013	AD
	Q754	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q821	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q822	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q921	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q922	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q923	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q924	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q2060	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q2201	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q2211	VS2SD601AR/-1	R	2SD601(AR)	AC
	Q2250	VS2SD601AR/-1	R	2SD601(AR)	AC

DIODES

	D51	RH-EX0293CEZZ	J	Zener Diode,5 1V	AA
	D52	RH-EX0701GEZZ	J	Zener Diode	AB
	D103	VHD1SS119//-1	J	1SS119	AB
	D401	VHD1SS119//-1	J	1SS119	AB
	D402	RH-EX0092CEZZ	J	Zener Diode,3 9V	AB
	D421	RH-EX0296CEZZ	J	Zener Diode	AB
	D451	VHD1SS119//-1	J	Diode	AB
	D452	RH-EX0217CEZZ	J	Zener Diode,15V	AB
	D453	RH-EX0217CEZZ	J	Zener Diode,15V	AB
	D454	RH-EX0293CEZZ	J	Zener Diode,5 1V	AA
	D455	VHD1SS119//-1	J	Diode	AB
	D456	VHD1SS119//-1	J	Diode	AB
	D457	RH-EX0313CEZZ	J	Zener Diode	AA
	D501	RH-DX0441CEZZ	J	Diode	AC
⚠	D502	RH-DX0131CEZZ	J	Diode	AC
	D503	RH-DX0441CEZZ	J	Diode	AC
	D631	RH-EX0312CEZZ	J	Zener Diode	AA
⚠▲	D651	RH-DX0131CEZZ	J	Diode	AC
⚠▲	D652	RH-EX0655CEZZ	J	Zener Diode	AE
⚠▲	D653	VHD1SS119//-1	J	1SS119	AB
⚠▲	D654	VHD1SS119//-1	J	1SS119	AB
⚠	D701	RH-DX0154CEZZ	J	Diode	AC
⚠	D702	RH-DX0154CEZZ	J	Diode	AC
⚠	D703	RH-DX0154CEZZ	J	Diode	AC
⚠	D704	RH-DX0154CEZZ	J	Diode	AC
⚠	D705	VHD1SS119//-1	J	Diode	AB
⚠	D706	RH-EX0238CEZZ	J	Zener Diode,75V	AC
⚠▲	D707	VHSS6785GLB2E	J	Si Control Rectifier	AL
⚠▲	D708	VHSS6785GLB2E	J	Si Control Rectifier	AL
⚠	D709	RH-DX0131CEZZ	J	Diode	AC
⚠	D710	RH-DX0131CEZZ	J	Diode	AC
⚠	D711	RH-DX0444CEZZ	J	Diode	AH
⚠	D751	RH-DX0441CEZZ	J	Diode	AC
⚠	D752	RH-EX0019TAZZ	J	Zener Diode	AB
⚠	D753	RH-DX0441CEZZ	J	Diode	AC
⚠	D754	RH-DX0441CEZZ	J	Diode	AC
⚠	D755	RH-DX0441CEZZ	J	Diode	AC
⚠	D756	RH-DX0441CEZZ	J	Diode	AC
	D757	VHD1SS119//-1	J	Diode	AB
	D758	RH-DX0441CEZZ	J	Diode	AC
	D760	RH-DX0441CEZZ	J	Diode	AC
	D761	RH-DX0441CEZZ	J	Diode	AC
	D921	RH-EX0313CEZZ	J	Zener Diode	AA
	D922	RH-EX0313CEZZ	J	Zener Diode	AA

PACKAGED CIRCUITS

⚠	PR701	RMPTP0026CEZZ	J	Packaged Circuit	AF
	X801	RCRSB0001PEZZ	R	Crystal	AL

FILTERS

	CF301	RFiLC0029TAZZ	J	Filter	AD
	CF302	RFiLC0267CEZZ	J	Filter	AD
	CF401	RFiLC0013CEZZ	J	Filter	AE
	CF631	RFiLA0034CEZZ	J	Filter	AD
	CF2040	RFiLC0121GEZZ	J	Filter	AD

DUNTK9254WEK8/K7
27J-S260/CJ27S26 MAIN UNIT

Ref. No.	Part No.	★	Description	Code
SF201	RFiLC0405CEZZ	R	S.A.W.Filter	AH

COILS

Ref. No.	Part No.	★	Description	Code
L201	VP-XF1R2K0000	J	Peaking 1.2µH	AB
L202	RCiLi0588CEZZ	J	If Coil	AF
L301	VP-XF8R2K0000	J	Peaking 8.2µH	AB
L302	RCiLi0605CEZZ	J	If Coil	AE
L401	VP-XF6R8K0000	J	Peaking 6.8µH	AB
L402	VP-XF3R3K0000	J	Peaking 3.3µH	AB
L403	VP-XF8R2K0000	J	Peaking 8.2µH	AB
L404	VP-XF8R2K0000	J	Peaking 8.2µH	AB
L421	VP-XF680K0000	J	Peaking 68µH	AB
L601	RCiLZ0621CEZZ	J	Coil	AH
⚠ L701	RCiLF0087CEZZ	J	Coil	AL
or	RCiLF0025CEZZ			
or	RCiLF0235CEZZ			AK
L821	VP-XF680K0000	J	Peaking 68µH	AB
L1701	VP-XF680K0000	J	Peaking 68µH	AB
L1801	VP-XF1R5J0000	M	Peaking 1.5µH	AA
L1802	VP-XF2R2J0000	M	Peaking 2.2µH	AA
L1803	VP-XF100K0000	J	Peaking 10µH	AB
L1804	VP-XF100K0000	J	Peaking 10µH	AB
L1805	VP-XF100K0000	J	Peaking 10µH	AB
L1806	VP-XF100K0000	J	Peaking 10µH	AB
L1810	VP-XF100K0000	J	Peaking 10µH	AB
L2001	VP-XF101K0000	J	Peaking 100µH	AB
L2002	VP-XF101K0000	J	Peaking 100µH	AB
L2040	RCiLB0131CEZZ	J	Oscillation Coil	AE

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T601	RTRNZ0168CEZZ	J	H-Driver	AH
⚠▲T602	RTRNF0020MEZZ	M	H-Out	AG
⚠ T701	RTRNP0416CEZZ	J	Power	AV

CAPACITORS

EL:Electroritic

Ref. No.	Part No.	★				Code
C51	VCEAGA1VW476M	J	47	35V	EL	AB
C52	VCSATA1CE226K	J	22	16V	Tantalum	AD
C53	VCEAGA1HW105M	J	1	50V	EL	AC
C54	VCEAGA1HW225M	J	2.2	50V	EL	AB
C55	VCEAGA1CW108M	J	1000	16V	EL	AD
C56	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C57	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C103	VCEAGH1CW338M	J	3300	16V	EL	AE
C201	VCKYMN1HB102K	J	1000p	50V	Ceramic	AA
C202	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C203	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C204	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C205	VCEAGA1HW474M	J	0.47	50V	EL	AA
C206	VCEAGA1CW337M	J	330	16V	EL	AC
C207	VCKYMN1CY103N	J	0.01	16V	Ceramic	AA
C208	VCEAGA1HW474M	J	0.47	50V	EL	AA
C209	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C210	VCKYMN1HB102K	J	1000p	50V	Ceramic	AA
C301	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C302	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C303	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C307	VCCCCY1HH1R5C	J	1.5p	50V	Ceramic	AD
C308	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C309	VCEAGA1CW337M	J	330	16V	EL	AC
C351	VCKYCY1HB392K	J	3900p	50V	Ceramic	AA
C352	VCEAGA1CW107M	J	100	16V	EL	AB
C353	VCEAGA1CW337M	J	330	16V	EL	AC
C354	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C355	VCEAGA1VW226M	J	22	35V	EL	AA
C356	VCKYCY1HB392K	J	3900p	50V	Ceramic	AA
C357	VCEAGA1CW107M	J	100	16V	EL	AB
C358	VCEAGA1CW337M	J	330	16V	EL	AC
C359	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C360	VCEAGA1VW226M	J	22	35V	EL	AA
C361	VCEAGA1CW477M	J	470	16V	EL	AC
C362	VCEAGA1CW476M	J	47	16V	EL	AB
C401	VCKYMN1HB331K	J	330p	50V	Ceramic	AA
C402	VCKYMN1HB101K	J	100p	50V	Ceramic	AA
C403	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C404	VCEAGA1CW107M	J	100	16V	EL	AB
C405	VCEAGA1HW335M	J	3.3	50V	EL	AB
C406	VCEAGA1HW225M	J	2.2	50V	EL	AB
C407	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C408	VCEAGA1HW106M	J	10	50V	EL	AC
C409	VCEAGA1HW105M	J	1	50V	EL	AC
C410	RC-QZA104TAYK	J	0.1	50V	Mylar	AB
C411	VCEAGA1CW337M	J	330	16V	EL	AC
C412	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C413	VCKYMN1CY103N	J	0.01	16V	Ceramic	AA
C421	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C422	VCEAGA1CW476M	J	47	16V	EL	AB
C424	VCE9GA1CW106M	J	10	16V	EL	AB
C425	VCE9GA1CW106M	J	10	16V	EL	AB
C426	VCEAGA1CW106M	J	10	16V	EL	AA
C427	VCKYMN1HB102K	J	1000p	50V	Ceramic	AA
C451	RC-QZA104TAYK	J	0.1	50V	Mylar	AB
C452	VCEAGA1HW475M	J	4.7	50V	EL	AB
C453	VCEAGA2EW226M	J	22	250V	EL	AD
C454	VCEAGA1VW226M	J	22	35V	EL	AA
C502	VCEAGA1VW108M	J	1000	35V	EL	AD
C504	VCKYPA2HB391K	J	390p	500V	Ceramic	AA
C505	RC-QZA473TAYK	J	0.047	50V	Mylar	AB
C507	RC-QZA103TAYK	J	0.01	50V	Mylar	AA
C508	VCEAGA1VW107M	J	100	35V	EL	AC
C509	VCKYCY1HB182K	J	1800p	50V	Ceramic	AA
C510	VCEAGA1VW108M	J	1000	35V	EL	AD
C511	VCFYSA1JA473J	J	0.047	63V	Mylar	AC
C512	VCFYSA1JA564J	J	0.56	63V	Mylar	AE
C513	VCEAGA1HW474M	J	0.47	50V	EL	AA
C514	VCSATA1VE684K	J	0.68	35V	Tantalum	AC
C551	VCSATA1CE225K	J	2.2	16V	Tantalum	AB
C552	VCEAGA1HW225M	J	2.2	50V	EL	AB

DUNTK9254WEK8/K7
27J-S260/CJ27S26 MAIN UNIT

Ref. No.	Part No.	★			Description	Code
C603	RC-QZA273TAYK	J	0.027	50V	Mylar	AB
C604	VCEAGA1EW477M	J	470	25V	EL	AD
⚠▲C607	VCFPPD3CA682H	J	6800p	1.6KV	M. Poly Film	AE
⚠▲C608	VCFPPD3CA682H	J	6800p	1.6KV	M. Poly Film	AE
C612	VCFPPD2DB474J	J	0.47	200V	M. Poly Film	AE
C614	VCKYPA2HB821K	J	820p	500V	Ceramic	AA
C631	VCEAGA1HW335M	J	3.3	50V	EL	AB
C632	RC-QZA103TAYK	J	0.01	50V	Mylar	AA
C633	VCEAGA1HW105M	J	1	50V	EL	AC
C652	VCEAGA1HW106M	J	10	50V	EL	AC
C653	VCEAGA1HW106M	J	10	50V	EL	AC
⚠ C701	RC-FZ012SGEZZ	J	0.22	AC250V	Plastic	AE
or	RC-FZ017SCEZZ	J	0.22	AC250V	Plastic	AD
C702	RC-KZ0029CEZZ	J	0.01	AC250V	Ceramic	AC
or	VCKYPB2HE103P		0.01	500V	Ceramic	AB
C703	RC-KZ0029CEZZ	J				AC
or	VCKYPB2HE103P		0.01	500V	Ceramic	AB
C704	VCKYPA2HB472K	J	4700p	500V	Ceramic	AB
⚠ C705	RC-EZ0395CEZZ	J	820	200V	EL.	AT
or	RC-EZ0334CEZZ					AV
or	RC-EZ0657CEZZ					
⚠ C706	RC-KZ0092GEZZ	J	0.033	AC250V	Ceramic	AC
or	RC-KZ0311CEZZ					AD
C707	VCKYPA2HB272K	J	2700p	500V	Ceramic	AA
C708	VCKYPA2HB391K	J	390p	500V	Ceramic	AA
C709	RC-QZ0010CEZZ	J	0.01	250C	Ceramic	AC
C710	RC-QZ0010CEZZ	J	0.01	250V	Ceramic	AC
C711	VCKYPA2HB391K	J	390p	500V	Ceramic	AA
C712	VCKYPA2HB272K	J	2700p	500V	Ceramic	AA
⚠ C713	VCEAGW2CW227M	J	220	160V	EL	AK
C714	RC-QZA273TAYK	J	0.027	50V	Mylar	AB
⚠▲C715	RC-QZA103TAYK	J	0.01	50V	Mylar	AA
C717	VCEAGA1HW106M	J	10	50V	EL	AC
C721	VCEAGA1EW477M	J	470	25V	EL	AD
C722	VCKYPA2HB152K	J	1500p	500V	Ceramic	AA
C751	VCEAGA1EW476M	J	47	25V	EL	AB
C753	VCEAGA1VW227M	J	220	35V	EL	AC
C754	VCEAGA1CW107M	J	100	16V	EL	AB
C756	VCEAGA1CW337M	J	330	16V	EL	AC
C759	VCEAGA1CW107M	J	100	16V	EL	AB
C801	RC-QZA223TAYK	J	0.022	50V	Mylar	AB
C802	VCEAGA1HW474M	J	0.47	50V	EL	AA
C803	VCCCCY1HH110J	J	11p	50V	Ceramic	AA
C804	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C805	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C806	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C807	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C822	VCCCCY1HH150J	J	15p	50V	Ceramic	AA
C823	VCCCCY1HH150J	J	15p	50V	Ceramic	AA
C824	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C825	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C826	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C827	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C829	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C908	VCEAGA1HW225M	J	2.2	50V	EL	AB
C909	VCEAGA1HW225M	J	2.2	50V	EL	AB
C925	VCEAGA1CW476M	J	47	16V	EL	AB
C926	VCEAGA1CW476M	J	47	16V	EL	AB
C927	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C928	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C929	VCEAGA1CW106M	J	10	16V	EL	AA
C930	VCEAGA1CW106M	J	10	16V	EL	AA
C951	VCEAGA1CW106M	J	10	16V	EL	AA
C952	VCEAGA1CW476M	J	47	16V	EL	AB
C953	VCEAGA1CW106M	J	10	16V	EL	AA
C954	VCEAGA1CW106M	J	10	16V	EL	AA
C955	VCEAGA1CW107M	J	100	16V	EL	AB
C2001	VCKYMN1HB101K	J	100p	50V	Ceramic	AA
C2002	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2020	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2040	VCEAGA1AW107M	J	100	10V	EL	AB
C2041	VCEAGA1HW105M	J	1	50V	EL	AC
C2060	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2061	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2062	VCEAGA1AW107M	J	100	10V	EL	AB
C2201	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C2211	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C2601	VCEAGA1HW475M	J	4.7	50V	EL	AB
C2602	VCKYMN1HB101K	J	100p	50V	Ceramic	AA
C3001	VCE9GA1HW475M	J	4.7	50V	EL	AB
C3002	VCKYCY1HB562K	J	5600p	50V	Ceramic	AA
C3003	RC-QZA123TAYK	J	0.012	50V	Mylar	AB
C3004	VCEAGA1HW105M	J	1	50V	EL	AC
C3005	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3006	VCEAGA1HW106M	J	10	50V	EL	AC
C3007	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3008	VCKYMN1CY103N	J	0.01	16V	Ceramic	AA
C3009	VCEAGA1CW227M	J	220	16V	EL	AC
C3010	VCE9GA1HW475M	J	4.7	50V	EL (N.P)	AB
C3011	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3012	VCE9GA1HW475M	J	4.7	50V	EL	AB
C3013	VCKYCY1HB272K	J	2700p	50V	Ceramic	AA
C3014	RC-QZA473TAYK	J	0.047	50V	Mylar	AB
C3015	VCSATA1CE335K	J	3.3	16V	Tantalum	AC
C3016	VCE9GA1HW475M	J	4.7	50V	EL (N.P)	AB
C3017	VCSATA1CE106K	J	10	16V	Tantalum	AD
C3018	VCEAGA1HW105M	J	1	50V	EL	AC
C3019	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3020	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3021	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3022	VCEAGA1HW475M	J	4.7	50V	EL	AB
C3210	VCEAGA1HW225M	J	2.2	50V	EL	AB
C3211	VCEAGA1HW225M	J	2.2	50V	EL	AB

RESISTORS

RJ1	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ2	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ3	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ4	VRD-MN2BE000J	J	0	1/8W	Carbon	AA

DUNTK9254WEK8/K7
27J-S260/CJ27S26 MAIN UNIT

Ref. No.	Part No.	★			Description	Code
RJ5	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ6	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ7	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ8	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ9	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ10	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ11	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ12	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ13	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ15	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ17	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ18	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ19	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ20	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ21	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ22	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ24	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ25	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ26	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ28	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ30	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ31	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ34	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ35	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ36	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ37	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ38	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ39	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ41	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ42	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ43	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ44	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ47	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ48	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ49	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ52	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ53	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ54	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ55	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ56	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ57	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ58	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ59	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ61	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ62	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ63	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ64	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ65	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ66	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ67	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ68	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ70	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ71	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ73	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ74	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ75	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ78	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ79	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ80	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ82	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ83	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ84	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ85	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ90	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ92	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ93	VRD-MN2BE000J	J	0	1/8W	Carbon	AA
RJ95	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
RJ96	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
⚠ R51	VRS-RG3DB151J	M	150	2W	Metal Oxide	AC
R52	VRD-RA2BE1R0J	J	1	1/8W	Carbon	AA
⚠ R53	VRS-RG3LB333J	J	33k	3W	Metal Oxide	AC
R54	VRD-MN2BE101J	J	100	1/8W	Carbon	AA
R55	VRD-MN2BE101J	J	100	1/8W	Carbon	AA
R56	VRD-MN2BE823J	J	82k	1/8W	Carbon	AA
R57	VRD-MN2BE103J	J	10k	1/8W	Carbon	AA
R83	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R201	VRD-MN2BE151J	J	150	1/8W	Carbon	AA
R202	VRD-MN2BE122J	J	1.2k	1/8W	Carbon	AA
R203	VRD-MN2BE682J	J	6.8k	1/8W	Carbon	AA
R204	VRD-MN2BE270J	J	27	1/8W	Carbon	AA
R205	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R206	VRD-RA2BE121J	J	120	1/8W	Carbon	AA
R207	VRD-MN2BE4R7J	J	4.7	1/8W	Carbon	AA
R208	VRD-MN2BE331J	J	330	1/8W	Carbon	AA
R301	VRD-RA2BE222J	J	2.2k	1/8W	Carbon	AA
R302	VRD-MN2BE102J	J	1k	1/8W	Carbon	AA
R303	VRD-MN2BE103J	J	10k	1/8W	Carbon	AA
R304	VRD-MN2BE333J	J	33k	1/8W	Carbon	AA
R305	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R306	VRD-MN2BE152J	J	1.5k	1/8W	Carbon	AA
R351	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R352	VRD-MN2BE472J	J	4.7k	1/8W	Carbon	AA
R353	VRD-MN2BE4R7J	J	4.7	1/8W	Carbon	AA
R354	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R355	VRD-MN2BE333J	J	33k	1/8W	Carbon	AA
R356	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R357	VRD-MN2BE4R7J	J	4.7	1/8W	Carbon	AA
R358	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R401	VRD-MN2BE682J	J	6.8k	1/8W	Carbon	AA
R402	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R403	VRS-CY1JF391J	J	390	1/16W	Metal Oxide	AA
R404	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R405	VRS-CY1JF470J	J	47	1/16W	Metal Oxide	AA
R406	VRS-CY1JF680J	J	68	1/16W	Metal Oxide	AA
R407	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R408	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R409	VRD-MN2BE562J	J	5.6k	1/8W	Carbon	AA
R410	VRD-RA2BE124J	J	120k	1/8W	Carbon	AA
R411	VRD-RA2BE153J	J	15k	1/8W	Carbon	AA

DUNTK9254WEK8/K7
27J-S260/CJ27S26 MAIN UNIT

Ref. No.	Part No.	★			Description	Code
R412	VRD-MN2BE561J	J	560	1/8W	Carbon	AA
R413	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R414	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R415	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R420	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R421	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R422	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R423	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R424	VRD-MN2BE102J	J	1k	1/8W	Carbon	AA
R425	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
⚠ R451	VRS-RG2HC103J	J	10k	1/2W	Metal Oxide	AA
R452	VRD-MN2BE103J	J	10k	1/8W	Carbon	AA
R453	VRD-RA2EE393J	J	39k	1/4W	Carbon	AA
R454	VRD-RM2HD104J	J	100k	1/2W	Carbon	AA
R455	VRD-RA2BE152J	J	1.5k	1/8W	Carbon	AA
R456	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R457	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
⚠ R458	VRS-RG3DB332J	M	3.3k	2W	Metal Oxide	AA
R459	VRD-MN2BE102J	J	1k	1/8W	Carbon	AA
⚠ R466	VRN-RL3DB1R5J	M	1.5	2W	Metal Film	AA
⚠ R467	VRN-RL3ABR39J	M	0.39	1W	Metal Film	AA
R501	VRD-RA2BE124G	J	120k	1/8W	Carbon	AA
R502	VRD-RA2BE823G	J	82k	1/8W	Carbon	AB
R503	VRD-MN2BE473J	J	47k	1/8W	Carbon	AA
R504	VRD-MN2BE471J	J	470	1/8W	Carbon	AA
R505	VRD-MN2BE101J	J	100	1/8W	Carbon	AA
R506	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R510	VRN-RL3AB1R0J	M	1	1W	Metal Film	AA
⚠ R511	VRN-RL3ABR56J	J	0.56	1W	Metal Film	AA
⚠ R512	VRS-RG3AB391J	M	390	1W	Metal Oxide	AA
R513	VRD-MN2BE272J	J	2.7k	1/8W	Carbon	AA
R516	VRD-MN2BE472J	J	4.7k	1/8W	Carbon	AA
R517	VRD-MN2BE682J	J	6.8k	1/8W	Carbon	AA
R518	VRD-MN2BE184J	J	180k	1/8W	Carbon	AA
R521	VRD-RA2BE153G	J	15k	1/8W	Carbon	AA
R551	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R552	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R553	VRD-MN2BE333J	J	33k	1/8W	Carbon	AA
R554	VRD-MN2BE333J	J	33k	1/8W	Carbon	AA
R601	VRD-MN2BE331J	J	330	1/8W	Carbon	AA
R602	VRD-RM2HD560J	J	56	1/2W	Carbon	AA
⚠ R603	VRS-RG3LB180J	J	18	3W	Metal Oxide	AD
⚠ R604	VRN-RL3LBR56J	M	0.56	3W	Metal Film	AA
R605	VRD-RM2HD102J	J	1k	1/2W	Carbon	AA
R606	VRD-MN2BE102J	J	1k	1/8W	Carbon	AA
R608	VRD-MN2BE101J	J	100	1/8W	Carbon	AA
⚠ R609	VRS-RG3LB180J	J	18	3W	Metal Oxide	AD
⚠ R610	VRN-RL3LBR56J	M	0.56	3W	Metal Film	AA
R611	VRD-MN2BE332J	J	3.3k	1/8W	Carbon	AA
R631	VRS-CY1JF391J	J	390	1/16W	Metal Oxide	AA
R632	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R633	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R634	VRD-RM2HD101J	J	100	1/2W	Carbon	AA

Ref. No.	Part No.	★			Description	Code
⚠▲R651	VRS-RG2HC270J	J	27	1/2W	Metal Oxide	
⚠▲R652	VRD-MN2BE182J	J	1.8k	1/8W	Carbon	AA
⚠▲R653	VRN-RA2BK822F	J	8.2k	1/8W	Metal Film	AA
⚠▲R654	VRN-RA2BK682F	J	6.8k	1/8W	Metal Film	AA
⚠▲R655	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
⚠ R701	VRC-UA2HG275K	J	2.7M	1/2W	Solid	AA
			(27J-S260)			
⚠ R701	VRC-UB2HG275K	J	2.7M	1/2W	Solid	AA
			(CJ27S26)			
⚠ R702	VRW-KQ3NC1R2K	J	1 2	7W	Cement	AE
R704	VRD-RM2HD223J	J	22k	1/2W	Carbon	AA
R705	VRD-RM2HD223J	J	22k	1/2W	Carbon	AA
⚠ R706	VRS-RG2HC151J	J	150	1/2W	Metal Oxide	AA
⚠ R707	VRW-KQ3HC331K	J	330	5W	Cement	AE
R708	VRD-RM2HD330J	J	33	1/2W	Carbon	AA
⚠ R709	VRW-KQ3HC331K	J	330	5W	Cement	AE
R710	VRD-RM2HD330J	J	33	1/2W	Carbon	AA
⚠ R711	VRN-GA2EB1R0J	J	1	1/4W	Metal Film	AA
R712	VRD-RA2BE822J	J	8.2k	1/8W	Carbon	AA
R713	VRD-RM2HD681J	J	680	1/2W	Carbon	AA
⚠ R714	VRS-KA3NG3R3K	J	3.3	7W	Metal Oxide	AD
⚠ R715	VRW-KQ41C2R7K	J	2.7	15W	Cement	AG
R716	VRD-RM2HD223J	J	22k	1/2W	Carbon	AA
⚠ R717	VRN-GA2EB1R0J	J	1	1/4W	Metal Film	AA
⚠ R718	VRN-RL3AB2R7J	M	2.7	1W	Metal Film	AA
⚠ R719	VRN-RL3DBR56J	M	0.56	2W	Metal Film	AA
R751	VRD-RM2HD471J	J	470	1/2W	Carbon	AA
⚠ R752	VRD-MN2BE472J	J	4.7k	1/8W	Carbon	AA
R754	VRD-MN2BE223J	J	22k	1/8W	Carbon	AA
⚠ R755	VRS-RG3DB270J	J	27	2W	Metal Oxide	AC
R757	VRD-MN2BE472J	J	4.7k	1/8W	Carbon	AA
R759	VRD-MN2BE102J	J	1k	1/8W	Carbon	AA
⚠ R760	VRS-RG3AB180J	J	18	1W	Metal Oxide	AB
			(27J-S260)			
⚠ R761	VRN-RL3AB6R8J	M	6.8	1W	Metal Film	AA
⚠ R766	VRG-RL2HB180J	M	18	1/2W	Fuse.Res.	AA
			(CJ27S26)			
R801	VRD-MN2BE332J	J	3.3k	1/8W	Carbon	AA
R802	VRD-MN2BE332J	J	3.3k	1/8W	Carbon	AA
R803	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R804	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R805	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R806	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R821	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R822	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R823	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R824	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R825	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R826	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R827	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R828	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R829	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R830	VRD-RA2BE101J	J	10	1/8W	Carbon	AA
R924	VRD-MN2BE750J	J	75	1/8W	Carbon	AA
R925	VRD-MN2BE104J	J	100k	1/8W	Carbon	AA
R926	VRD-MN2BE104J	J	100k	1/8W	Carbon	AA

DUNTK9254WEK8/K7
27J-S260/CJ27S26 MAIN UNIT

Ref. No.	Part No.	★		Description	Code
R927	VRD-MN2BE750J	J	75	1/8W Carbon	AA
R928	VRD-MN2BE750J	J	75	1/8W Carbon	AA
R929	VRD-MN2BE101J	J	100	1/8W Carbon	AA
R930	VRS-CY1JF563J	J	56k	1/16W Metal Oxide	AA
R931	VRS-CY1JF333J	J	33k	1/16W Metal Oxide	AA
R932	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R933	VRS-CY1JF122J	J	1.2k	1/16W Metal Oxide	AA
R934	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R935	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R936	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R937	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R938	VRS-CY1JF122J	J	1.2k	1/16W Metal Oxide	AA
R939	VRS-CY1JF122J	J	1.2k	1/16W Metal Oxide	AA
R940	VRS-CY1JF122J	J	1.2k	1/16W Metal Oxide	AA
R941	VRS-CY1JF273J	J	27k	1/16W Metal Oxide	AA
R942	VRS-CY1JF273J	J	27k	1/16W Metal Oxide	AA
R943	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R951	VRS-CY1JF334J	J	330k	1/16W Metal Oxide	AA
R952	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R953	VRS-CY1JF334J	J	330k	1/16W Metal Oxide	AA
R954	VRS-CY1JF334J	J	330k	1/16W Metal Oxide	AA
R955	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R956	VRS-CY1JF334J	J	330k	1/16W Metal Oxide	AA
R957	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R958	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R959	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R960	VRS-CY1JF151J	J	150	1/16W Metal Oxide	AA
R961	VRD-RA2BE101J	J	100	1/8W Carbon	AA
R962	VRD-RA2BE101J	J	100	1/8W Carbon	AA
R2001	VRD-RA2BE102J	J	1k	1/8W Carbon	AA
R2002	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2004	VRD-RA2BE473J	J	47k	1/8W Carbon	AA
R2006	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R2008	VRD-RA2BE102J	J	1k	1/8W Carbon	AA
R2009	VRD-RA2BE102J	J	1k	1/8W Carbon	AA
R2010	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R2011	VRD-RA2BE102J	J	1k	1/8W Carbon	AA
R2012	VRS-CY1JF471J	J	470	1/16W Metal Oxide	AA
R2020	VRD-RM2HD223J	J	22k	1/2W Carbon	AA
R2022	VRD-RA2BE103J	J	10k	1/8W Carbon	AA
R2023	VRD-RA2BE102J	J	1k	1/8W Carbon	AA
R2024	VRD-RA2BE682J	J	6.8k	1/8W Carbon	AA
R2025	VRD-RA2BE682J	J	6.8k	1/8W Carbon	AA
R2026	VRD-RA2BE682J	J	6.8k	1/8W Carbon	AA
R2027	VRD-RA2BE682J	J	6.8k	1/8W Carbon	AA
R2028	VRD-RA2BE102J	J	1k	1/8W Carbon	AA
R2029	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2030	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2032	VRD-RA2BE103J	J	10k	1/8W Carbon	AA
R2040	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R2041	VRS-CY1JF333J	J	33k	1/16W Metal Oxide	AA
R2042	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2043	VRD-MN2BE333J	J	33k	1/8W Carbon	AA
R2044	VRS-CY1JF682J	J	6.8k	1/16W Metal Oxide	AA
R2045	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2046	VRD-RA2BE101J	J	100	1/8W Carbon	AA
R2047	VRD-MN2BE221J	J	220	1/8W Carbon	AA
R2048	VRS-CY1JF562J	J	5.6k	1/16W Metal Oxide	AA
R2060	VRD-MN2BE221J	J	220	1/8W Carbon	AA
R2061	VRS-CY1JF562J	J	5.6k	1/16W Metal Oxide	AA
R2062	VRD-RA2BE183J	J	18k	1/8W Carbon	AA
R2063	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R2064	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R2065	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R2069	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R2071	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R2072	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R2073	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R2101	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2102	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2201	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R2202	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2203	VRD-RA2BE184J	J	180k	1/8W Carbon	AA
R2211	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R2212	VRS-CY1JF682J	J	6.8k	1/16W Metal Oxide	AA
R2213	VRS-CY1JF333J	J	33k	1/16W Metal Oxide	AA
R2250	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2255	VRD-RA2BE103J	J	10k	1/8W Carbon	AA
R2401	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2402	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2403	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2404	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2501	VRD-MN2BE103J	J	10k	1/8W Carbon	AA
R2503	VRD-MN2BE273J	J	27k	1/8W Carbon	AA
R2504	VRD-MN2BE123J	J	12k	1/8W Carbon	AA
R2505	VRD-MN2BE563J	J	56k	1/8W Carbon	AA
R2506	VRD-MN2BE563J	J	56k	1/8W Carbon	AA
R2507	VRD-MN2BE823J	J	82k	1/8W Carbon	AA
R2508	VRD-MN2BE153J	J	15k	1/8W Carbon	AA
R2509	VRD-MN2BE272J	J	2.7k	1/8W Carbon	AA
R2601	VRD-RA2BE331J	J	330	1/8W Carbon	AA
R3001	VRS-CY1JF221J	J	220	1/16W Metal Oxide	AA
R3002	VRS-CY1JF221J	J	220	1/16W Metal Oxide	AA
R3003	VRS-CY1JF105J	J	1M	1/16W Metal Oxide	AA
R3004	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R3005	VRS-CY1JF623J	J	62k	1/16W Metal Oxide	AA
R3007	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R3008	VRS-CY1JF302J	J	3k	1/16W Metal Oxide	AA
R3010	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R3011	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3012	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3013	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R3014	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R3016	VRD-MN2BE750J	J	75	1/8W Carbon	AA
R3017	VRD-RA2BE102J	J	1k	1/8W Carbon	AA
R3018	VRD-RA2BE102J	J	1k	1/8W Carbon	AA

Ref. No.	Part No.	★	Description	Code

DUNTK9254WEK8/K7
27J-S260/CJ27S26 MAIN UNIT

SWITCHES

S501	QSW-B0015CEZZ	J	V-Lin	AC
S2501	QSW-K0079GEZZ	J	Power	AB
S2502	QSW-K0079GEZZ	J	V0l-down	AB
S2503	QSW-K0079GEZZ	J	Vol-up	AB
S2504	QSW-K0079GEZZ	J	CH-down	AB
S2505	QSW-K0079GEZZ	J	CH-up	AB

MISCELLANEOUS PARTS

⚠	RY701	RRLYU0036CEZZ	J	Relay	AM
	or	RRLYU0028CEZZ			AK
⚠	F701	QFS-B4023CEZZ	J	Fuse	AC
	or	QFS-B4021GEZZ			AE
	FB601	RBLN-0037CEZZ	J	Balun	AB
	FB701	RBLN-0037CEZZ	J	Balun	AB
	FB702	RBLN-0037CEZZ	J	Balun	AB
	FH701	QFSHD1013CEZZ	J	Fuse Holder	AC
	FH702	QFSHD1014CEZZ	J	Fuse Holder	AC
	J921	QSOCD0427CEZZ	J	Socket	AL
	P52	QPLGN0160CEZZ	J	Plug	AB
	P351	QPLGN0461CEZZ	J	Plug	AB
	P401	QPLGN0561CEZZ	J	Plug	AB
	P602	QPLGN0160FJZZ	J	Plug	AD
	P651	QPLGN0361CEZZ	J	Plug	AB
	P701	QPLGN0207CEZZ	J	Plug	AA
	P702	QPLGN0461CEZZ	J	Plug	AB
	P703	QPLGN0269GEZZ	J	Plug	AB
	P707	QPLGN0160CEZZ	J	Plug	AB
	P901	QPLGN0561CEZZ	J	Plug	AB
	P1701	QPLGZ0810CEZZ	J	Plug	AD
	P1702	QPLGZ0610CEZZ	J	Plug	AB
	P1703	QPLGZ0810CEZZ	J	Plug	AD
	P2401	QPLGN0561CEZZ	J	Plug	AB
	RMC2601	RRMCU0224CEZZ	J	Remote Receiver	AM
	or	RRMCU0216CEZZ	J	Remote Receiver	AM
	RDA501	PRDAR0234PEFW	M	Heat Sink	AE
	RDA604	PRDAR0233PEFW	M	Heat Sink	AE
	RDA707	PRDAR0026PEFW	R	Heat Sink	AD
	RDA708	PRDAR0026PEFW	R	Heat Sink	AD
	RDA751	PRDAR5072CEFW	J	Heat Sink	AC
	RDA752	PRDAR5072CEFW	J	Heat Sink	AC
	SLD1801	PSLDM0012MEFW	M	Shiele	AA
	TAN921	QTANJ0323CEZZ	M	A/V Terminal	AF
		LX-BZ3049GEFE	J	Screw	AA

DUNTK9310WEK1
FRONT AV UNIT

J1001	QJAKE0053GEZZ	J	Jack,Video in	AD
J1002	QJAKE0055GEZZ	J	Jack, Audio in (L)	AD
J1003	QJAKE0059GEZZ	J	Jack, Audio in (R)	AC
P1001	QPLGN0541CEZZ	J	Plug	AB

DUNTK8604WEK8/K9
CRT UNIT

TRANSISTORS

Q851	VS2SC3198-Y-1	J	2SC3198	AA
Q852	VS2SC3619LB1E	J	2SC3619	AD
Q853	VS2SC3198-Y-1	J	2SC3198	AA
Q854	VS2SC3619LB1E	J	2SC3619	AD
Q855	VS2SC3198-Y-1	J	2SC3198	AA
Q856	VS2SC3619LB1E	J	2SC3619	AD
Q881	VS2SA1266-Y-1	J	2SA1266	AA

DIODES AND COIL

D881	VHD1SS119//-1	J	1SS119	AB
D882	VHD1SS119//-1	J	1SS119	AB
D884	VHD1SS119//-1	J	1SS119	AB
L851	VP-MK820K0000	J	Peaking 82µH	AB

CAPACITORS

C851	VCCSPA1HL391J	J	390p	50V	Ceramic	AA
C852	VCCSPA1HL391J	J	390p	50V	Ceramic	AA
C853	VCCSPA1HL391J	J	390p	50V	Ceramic	AA
C854	RC-KZ0024CEZZ	J	0.001	2kV	Ceramic	AC
or	VCKYPB3DE472Z	J	0.0047	2kV	Ceramic	AC
C883	VCEAGA1HW106M	J	10	50V	EL.	AC

RESISTORS

	R851	VRD-RA2BE470J	J	47	1/8W	Carbon	AA
	R852	VRD-RA2BE181J	J	180	1/8W	Carbon	AA
	R853	VRD-RA2BE121J	J	120	1/8W	Carbon	AA
	R855	VRD-RA2BE471J	J	470	1/8W	Carbon	AA
	R856	VRD-RA2BE221J	J	220	1/8W	Carbon	AA
⚠	R857	VRS-VV3LB123J	J	12k	3.0W	Metal.Oxide	AB
	R858	VRD-RM2HD222J	J	2.2k	1/2W	Carbon	AA
	R859	VRD-RA2BE470J	J	47	1/8W	Carbon	AA
	R860	VRD-RA2BE181J	J	180	1/8W	Carbon	AA
	R861	VRD-RA2BE121J	J	120	1/8W	Carbon	AA
	R863	VRD-RA2BE471J	J	470	1/8W	Carbon	AA
	R864	VRD-RA2BE221J	J	220	1/8W	Carbon	AA
⚠	R865	VRS-VV3LB123J	J	12k	3.0W	Metal.Oxide	AB
	R866	VRD-RM2HD222J	J	2.2k	1/2W	Carbon	AA
	R867	VRD-RA2BE470J	J	47	1/8W	Carbon	AA
	R868	VRD-RA2BE181J	J	180	1/8W	Carbon	AA
	R869	VRD-RA2BE121J	J	120	1/8W	Carbon	AA
	R871	VRD-RA2BE471J	J	470	1/8W	Carbon	AA
	R872	VRD-RA2BE221J	J	220	1/8W	Carbon	AA
⚠	R873	VRS-VV3LB123J	J	12k	3.0W	Metal.Oxide	AB
	R874	VRD-RM2HD222J	J	2.2k	1/2W	Carbon	AA
	R881	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
	R882	VRD-RA2BE271J	J	270	1/8W	Carbon	AA
	R883	VRD-RA2BE561J	J	560	1/8W	Carbon	AA
	R884	VRD-RA2BE152J	J	1.5k	1/8W	Carbon	AA
	R895	VRD-RA2BE470J	J	47	1/8W	Carbon	AA

Ref. No.	Part No.	★	Description	Code

DUNTK8604WEK8/K9
CRT UNIT (Continued)

MISCELLANEOUS PARTS

P851	QPLGN0541CEZZ	J	Plug	AB
P852	QPLGN0441CEZZ	J	Plug	AB
SC851	QSOCV0929CEZZ	J	Socket,CRT	AM
or	QSOCV0916CEZZ			AH

DUNTK9255WEK0
P IN P UNIT

INTEGRATED CIRCUITS

IC1701	VHiTA7348P/-1	J	TA7348P	AK
IC1751	VHiKA7805Pi-1	J	KiA7805Pi	AE
IC1801	VHiM65617SP-1	M	M65617SP	BC

TRANSISTORS

You can substitute "VS2SD601AR/-1"for "VS2SC2462-C-1.

Q1701	VS2SD601AR/-1	R	2SD601(AR)	AC
Q1730	VS2SB709AR/-1	J	2SB709(AR)	AC
or	VS2SA812-M51E	J	2SA812	AC
Q1731	VS2SB709AR/-1	J	2SB709(AR)	AC
or	VS2SA812-M51E	J	2SA812	AC
Q1732	VS2SD601AR/-1	J	2SD601(AR)	AC
Q1741	VS2SB709AR/-1	J	2SB709(AR)	AC
or	VS2SA812-M51E	J	2SA812	AC
Q1742	VS2SD601AR/-1	R	2SD601(AR)	AC
Q1752	VS2SC1959Y/1E	J	2SC1959	AC
Q1802	VS2SD601AR/-1	R	2SD601(AR)	AC
Q1803	VS2SD601AR/-1	R	2SD601(AR)	AC
Q1804	VS2SD601AR/-1	R	2SD601(AR)	AC
Q1831	VS2SB709AR/-1	J	2SB709(AR)	AC
or	VS2SA812-M51E	J	2SA812	AC

DIODES

D1752	RH-EX0287CEZZ	M	Zener Diode	AA
D1801	VHD1SS119//-1	J	Diode	AB
D1802	VHD1SS119//-1	J	Diode	AB

COILS AND CRYSTAL

X1801	RCRSB0241CEZZ	J	Crystal,3.58MHz	
L1701	VP-XF680K0000	J	Peaking 68µH	AB
L1801	VP-XF1R5J0000	M	Peaking 1.5µH	AA
L1802	VP-XF2R2J0000	M	Peaking 2.2µH	AA
L1803	VP-XF100K0000	J	Peaking 10µH	AB
L1804	VP-XF100K0000	J	Peaking 10µH	AB
L1805	VP-XF100K0000	J	Peaking 10µH	AB
L1806	VP-XF100K0000	J	Peaking 10µH	AB
L1810	VP-XF100K0000	J	Peaking 10µH	AB

CAPACITORS

C1701	VCEAGA1CW106M	J	10	16V	EL.	AA
C1702	VCEAGA1CW106M	J	10	16V	EL.	AA
C1703	VCEAGA1CW106M	J	10	16V	EL.	AA
C1704	VCEAGA1CW106M	J	10	16V	EL.	AA
C1705	VCEAGA1CW476M	J	47	16V	EL.	AB
C1706	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1731	RC-QZA473TAYJ	J	0.047	50V	Mylar	AB
C1732	VCEAGA1HW105M	J	1	50V	EL.	AC
C1733	RC-QZA472TAYJ	J	0.047	50V	Mylar	AB
C1741	RC-QZA473TAYJ	J	0.047	50V	Mylar	AB
C1742	VCEAGA1HW105M	J	1	50V	EL.	AC
C1743	RC-QZA472TAYJ	J	0.047	50V	Mylar	AB
C1751	VCEAGA1CW476M	J	47	16V	EL.	AB
C1752	VCEAGA1AW107M	J	100	10V	EL.	AB
C1753	VCEAGA1CW106M	J	10	16V	EL.	AA
C1801	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1802	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C1804	VCCCCY1HH150J	J	15p	50V	Ceramic	AA
C1805	RC-QZA154TAYJ	J	0.15	50V	Mylar	AC
C1806	RC-QZA103TAYJ	J	0.01	50V	Mylar	AB
C1807	RC-QZA224TAYJ	J	0.22	50V	Mylar	AD
C1808	RC-QZA224TAYJ	J	0.22	50V	Mylar	AD
C1809	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1810	VCEAGA1CW106M	J	10	16V	EL.	AA
C1811	VCEAGA1CW106M	J	10	16V	EL.	AA
C1812	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1813	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1814	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1815	VCEAGA1CW106M	J	10	16V	EL.	AA
C1816	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1817	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1818	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1819	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1820	VCEAGA1CW106M	J	10	16V	EL.	AA
C1822	VCEAGA1CW106M	J	10	16V	EL.	AA
C1824	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1825	VCCCCY1HH680J	J	68p	50V	Ceramic	AA
C1826	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1827	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1828	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C1829	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1832	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1833	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1834	VCEAGA1CW106M	J	10	16V	EL.	AA
C1837	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1838	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1839	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB

RESISTORS

RJ1	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
RJ2	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
RJ3	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
RJ5	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
RJ6	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA

DUNTK9255WEK0

P IN P UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
RJ7	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
RJ8	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
RJ9	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
RJ10	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
RJ11	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
RJ12	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
RJ13	VRS-CY1JF000J	J	0	1/16W	Metal.Oxide	AA
R1701	VRS-CY1JF101J	J	10	1/16W	Metal.Oxide	AA
R1702	VRS-CY1JF101J	J	10	1/16W	Metal.Oxide	AA
R1703	VRS-CY1JF101J	J	10	1/16W	Metal.Oxide	AA
R1704	VRD-RA2BE332J	J	3.3k	1/8W	Carbon	AA
R1705	VRS-CY1JF822J	J	8.2k	1/16W	Metal.Oxide	AA
R1706	VRS-CY1JF103J	J	10k	1/16W	Metal.Oxide	AA
R1707	VRS-CY1JF102J	J	1k	1/16W	Metal.Oxide	AA
R1729	VRS-CY1JF102J	J	1k	1/16W	Metal.Oxide	AA
R1730	VRS-CY1JF102J	J	1k	1/16W	Metal.Oxide	AA
R1731	VRS-CY1JF151J	J	150	1/16W	Metal.Oxide	AA
R1732	VRS-CY1JF122J	J	1.2k	1/16W	Metal.Oxide	AA
R1733	VRS-CY1JF104J	J	10k	1/16W	Metal.Oxide	AA
R1734	VRS-CY1JF183J	J	18k	1/16W	Metal.Oxide	AA
R1735	VRS-CY1JF122J	J	1.2k	1/16W	Metal.Oxide	AA
R1736	VRS-CY1JF223J	J	22k	1/16W	Metal.Oxide	AA
R1737	VRS-CY1JF153J	J	15k	1/16W	Metal.Oxide	AA
R1738	VRS-CY1JF153J	J	15k	1/16W	Metal.Oxide	AA
R1741	VRS-CY1JF151J	J	150	1/16W	Metal.Oxide	AA
R1742	VRS-CY1JF122J	J	1.2k	1/16W	Metal.Oxide	AA
R1743	VRS-CY1JF474J	J	470k	1/16W	Metal.Oxide	AA
R1745	VRS-CY1JF122J	J	1.2k	1/16W	Metal.Oxide	AA
R1746	VRS-CY1JF562J	J	5.6k	1/16W	Metal.Oxide	AA
R1748	VRS-CY1JF102J	J	1k	1/16W	Metal.Oxide	AA
R1749	VRS-CY1JF102J	J	1k	1/16W	Metal.Oxide	AA
R1757	VRD-RA2BE151J	J	150	1/8W	Carbon	AA
R1801	VRS-CY1JF301J	J	300	1/16W	Metal.Oxide	AA
R1802	VRS-CY1JF104J	J	10k	1/16W	Metal.Oxide	AA
R1803	VRS-CY1JF824J	J	820k	1/16W	Metal.Oxide	AA
R1804	VRS-CY1JF202J	J	2k	1/16W	Metal.Oxide	AA
R1805	VRS-CY1JF473J	J	47k	1/16W	Metal.Oxide	AA
R1807	VRS-CY1JF101J	J	100	1/16W	Metal.Oxide	AA
R1808	VRS-CY1JF101J	J	100	1/16W	Metal.Oxide	AA
R1809	VRS-CY1JF101J	J	100	1/16W	Metal.Oxide	AA
R1810	VRS-CY1JF123J	J	12k	1/16W	Metal.Oxide	AA
R1811	VRS-CY1JF103J	J	10k	1/16W	Metal.Oxide	AA
R1812	VRS-CY1JF473J	J	47k	1/16W	Metal.Oxide	AA
R1813	VRS-CY1JF101J	J	100	1/16W	Metal.Oxide	AA
R1814	VRS-CY1JF123J	J	12k	1/16W	Metal.Oxide	AA
R1815	VRS-CY1JF103J	J	10k	1/16W	Metal.Oxide	AA
R1816	VRS-CY1JF473J	J	47k	1/16W	Metal.Oxide	AA
R1817	VRS-CY1JF101J	J	100	1/16W	Metal.Oxide	AA
R1818	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
R1819	VRS-CY1JF153J	J	15k	1/16W	Metal.Oxide	AA
R1821	VRS-CY1JF153J	J	15k	1/16W	Metal.Oxide	AA
R1822	VRS-CY1JF471J	J	470	1/16W	Metal.Oxide	AA
R1823	VRS-CY1JF391J	J	390	1/16W	Metal.Oxide	AA
R1824	VRS-CY1JF153J	J	15k	1/16W	Metal.Oxide	AA
R1825	VRS-CY1JF103J	J	10k	1/16W	Metal.Oxide	AA
R1829	VRS-CY1JF123J	J	12k	1/16W	Metal.Oxide	AA
R1832	VRS-CY1JF102J	J	1k	1/16W	Metal.Oxide	AA
R1881	VRS-CY1JF222J	J	2.2k	1/16W	Metal.Oxide	AA
R1882	VRS-CY1JF272J	J	2.7k	1/16W	Metal.Oxide	AA
R1884	VRS-CY1JF102J	J	1k	1/16W	Metal.Oxide	AA

MISCELLANEOUS PARTS

P1701	QPLGZ0810CEZZ	J	Plug	AD
P1702	QPLGZ0610CEZZ	J	Plug	AB
P1703	QPLGZ0810CEZZ	J	Plug	AD
SLD1801	PSLDM0012MEFW	M	Shield Case	AA

CABINET PARTS
27J-S100/CJ27S10

Ref. No.	Part No.	★	Description	Code
1	CCABA1273MES0	M	Cabinet Complete Assy	BF
1-1	__	M	Cabinet Front	_
1-2	HBDGB1009MESA	M	Badge,"SHARP"'	AD
1-3	JBTN-1096MEKA	M	Button,Power,Vol-up/down	AD
1-4	JBTN-1097MEKA	M	Button,Ch-up/down	AD
1-5	GCOVA1033MEKA	M	Cover for R/C	AD
2	GCABB1120MEKA	M	Rear Cabinet	AZ

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
	VSP0080PBK98A	M	Speaker	AG
⚠	QACCD3049CESA	M	AC Cord	AG
	QCNW-0127MEZZ	M	Connecting Cord	AE
	QCNW-0128MEZZ	M	Connecting Cord	AD
	QCNW-0129MEZZ	M	Connecting Cord	AE
	QCNW-0130MEZZ	M	Connecting Cord	AG
	QCNW-0137MEZZ	M	Connecting Cord	AH
	QCNW-0154MEZZ	M	Connecting Cord	AE

SUPPLIED ACCESORRIES

Ref. No.	Part No.	★	Description	Code
	RRMCG1324CESA	M	Infrared R-C	AP
	TGAN-1006MEZZ	M	Guarantee Card	AA
	TiNS-6036MEZZ	M	Operation Manual (27J-S100)	AE
	TiNS-6095MEZZ	M	Operation Manual (CJ27S10)	AE

PACKING PARTS
(Not Replacement Item)

Ref. No.	Part No.	★	Description	Code
	SPAKC0571MEZZ	M	Packing Case	_
	SPAKX0165MEZZ	M	Buffer Material	_
	SSAKA0004MEZZ	M	Polyethylene Sack	_

CABINET PARTS
27J-S180

Ref. No.	Part No.	★	Description	Code
1	CCABA1282MES0	M	Cabinet Complete Assy	BH
1-1	_	M	Cabinet Front	_
1-2	HBDGB1009MESA	M	Badge,"SHARP"'	AD
1-3	JBTN-1057MEKA	M	Button,Power,Vol-up/down	AD
1-4	JBTN-1058MEKA	M	Button,Ch-up/down	AD
1-5	GCOVA1011MEKA	M	Cover for R/C	AD
1-6	GMADT0093MEKA	M	Window	AD
2	GCABB1120MEKA	M	Rear Cabinet	AZ

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
	VSP0080PBK98A	M	Speaker	AG
⚠	QACCD3049CESA	M	AC Cord	AG
	QCNW-0127MEZZ	M	Connecting Cord	AE
	QCNW-0128MEZZ	M	Connecting Cord	AD
	QCNW-0129MEZZ	M	Connecting Cord	AE
	QCNW-0130MEZZ	M	Connecting Cord	AG
	QCNW-0137MEZZ	M	Connecting Cord	AH
	QCNW-0154MEZZ	M	Connecting Cord	AE

SUPPLIED ACCESORRIES

Ref. No.	Part No.	★	Description	Code
	RRMCG1325CESA	M	Infrared R-C	AW
	TGAN-1006MEZZ	M	Guarantee Card	AA
	TiNS-6037MEZZ	M	Operation Manual	AE

PACKING PARTS
(Not Replacement Item)

Ref. No.	Part No.	★	Description	Code
	SPAKC0550MEZZ	M	Packing Case	_
	SPAKX0159MEZZ	M	Buffer Material	_
	SSAKA0004MEZZ	M	Polyethylene Sack	_

Ref. No.	Part No.	★	Description	Code

CABINET PARTS
27J-S260/CJ27S26

1	CCABA1271MES0	M	Cabinet Complete Assy	BF
1-1	_	M	Cabinet Front	
1-2	HBDGB1009MESA	M	Badge,"SHARP"	AD
1-3	JBTN-1096MEKA	M	Button,Power,Vol-up/down	AD
1-4	JBTN-1097MEKA	M	Button,Ch-up/down	AD
1-5	GCOVA1033MEKA	M	Cover for R/C	AD
2	GCABB1122MEKA	M	Rear Cabinet	AZ

MISCELLANEOUS PARTS

	VSP0080PBK98A	M	Speaker.2pcs used	AG
⚠	QACCD3049CESA	M	AC Cord	AG
	QCNW-0127MEZZ	M	Connecting Cord	AE
	QCNW-0128MEZZ	M	Connecting Cord	AD
	QCNW-0129MEZZ	M	Connecting Cord	AE
	QCNW-0130MEZZ	M	Connecting Cord	AG
	QCNW-0137MEZZ	M	Connecting Cord	AH
	QCNW-0154MEZZ	M	Connecting Cord	AE

SUPPLIED ACCESORRIES

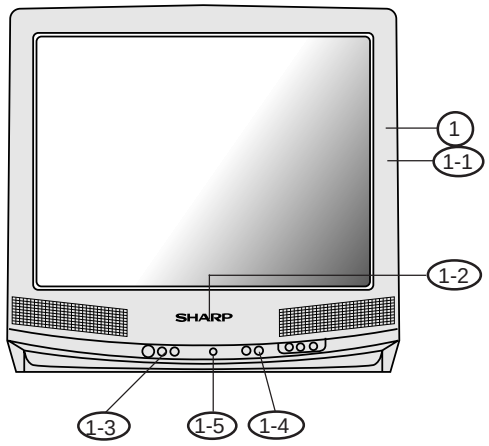
	RRMCG1326CESA	M	Infrared R-C	AW
	TGAN-1006MEZZ	M	Guarantee Card(27J-S260)	AA
	TiNS-6039MEZZ	M	Operation Manual(27J-S260)	AE
	TiNS-6098MEZZ	M	Operation Manual(CJ27S26)	AE

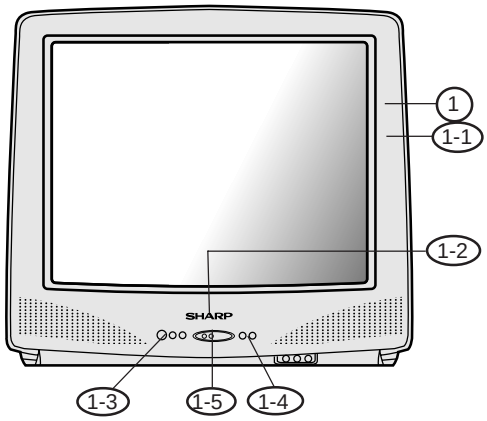
PACKING PARTS
(Not Replacement Item)

	SPAKC0571MEZZ	M	Packing Case	_
	SPAKX0165MEZZ	M	Buffer Material	_
	SSAKA0004MEZZ	M	Polyethylene Sack	_

Ref. No.	Part No.	★	Description	Code

CABINET PARTS LOCATION





PACKING OF THE SET