SERVICE MANUAL

AA-2D CHASSIS

<u>MODEL</u>	DEST.	<u>COMMANDER</u>	CHASSIS NO.
KV-32S40	US	RM-Y165	SCC-S07A-A
KV-32S40	CND	RM-Y165	SCC-S08A-A
KV-32S45	US	RM-Y165	SCC-S07B-A
KV-32S45	CND	RM-Y165	SCC-S08B-A
KV-34SL40T	TAIWAN	RM-Y165	SCC-S16A-A
KV-34SL40C	E	RM-Y165	SCC-S09A-A
KV-34SL40	E	RM-Y165	SCC-S09B-A
KV-34SL45	E	RM-Y167	SCC-S09C-A
KV-35S40	US	RM-Y165	SCC-S07D-A
KV-35S40	CND	RM-Y165	SCC-S08E-A
KV-35S45	US	RM-Y167	SCC-S07E-A
KV-35S45	CND	RM-Y167	SCC-S08F-A
KV-37SL45	E	RM-Y167	SCC-S09F-A
KV-32V40	US	RM-Y165	SCC-S07C-A
KV-32V40	CND	RM-Y165	SCC-S08C-A
KV-32V65	CND	RM-Y167	SCC-S08D-A
KV-34VL65	E	RM-Y167	SCC-S09E-A
KV-34VL65C	E	RM-Y167	SCC-S09D-A
KV-35V65	CND	RM-Y167	SCC-S08G-A
KV-37VL65	E	RM-Y167	SCC-S09G-A
KV-37VL65C	Ε	RM-Y167	SCC-S09H-A











SPECIFICATIONS

		KV-32S40 KV-34SL40/40T	KV-34SL40C	KV-32S45 KV-34SL45	KV-32V40	KV-32V65 KV-34VL65/65C	KV-35S40/45 KV-37SL45	KV-35V65 KV-37VL65	KV-37VL65C
Power requ	uirements	120V,60Hz	220V,50/60Hz	120V,60Hz	120V,60Hz	120V,60Hz(65) 220V,50/60Hz(65C)	120V,60Hz	120V,60Hz	220V,50/60Hz
Number of	inputs/outputs								
	Video 1)	1	1	2	3	3	2	3	3
	S Video 2)	1	1	1	1	2	1	2	2
	Audio 3)	1	1	2	3	3	2	3	3
	Audio Out 4)	1	1	1	1	1	1	1	1
	Monitor Out	•	-	•	1	1	-	1	1
	TV out	•	-	•	-	1	-	1	1
	S-Link	•	-	•	-	YES	-	YES	YES
Speaker o	utput(W)	5W x 2	5W x 2	5W x 2	5W x 2	10W x 2	5W x 2	10W x 2	10W x 2
Power Cor	nsumption(W)								
	In use(Max)	180W	175W	180W	180W	200W(65), 195W(65C)	210W	230W	225W
	In standby	2W	3W	2W	2W	2W(65), 3W(65C)	2W	2W	3W
Dimension	s(W/H/D)								
	(mm)	79	91 x 707 x 604.5mm	ı	821 x 6	75.3 x 587mm	870 x 761 x 653mm	920 x 730.8	x 641.8mm
	(in)		31 x 27 ^{13/16} x 23 ^{3/4}		32 3/8	x 26 ^{5/8} x 23 ^{1/8}	34 ^{1/4} x 30 x 25 ^{5/8}	36 ^{1/4} x 28	3 ^{3/4} x 25 ^{1/4}
Mass	•							•	
	(kg)	71.4	kg	72.7kg		70kg	83kg	90	kg
	(lbs)	157	lbs	160lbs		154lbs	183lbs	203	Blbs

Television system

American TV standard

Channel coverage

VHF:2-13/UHF:14-69/CATV:1-125

Visible screen size

32-inch picture measured (KV-32S40/32S45/32V65/34SL40/34SL40T/34SL45/32V40/34VL65/34VL65C)

35-inch picture measured (KV-35S40/35S45/37SL45/35V65/37VL65/37VL65C)

Actual screen size

34-inch picture measured (KV-32S40/32S45/32V65/34SL40/34SL40C/34SL40T/34SL45/32V40/34VL65/34VL65C)

37-inch picture measured (KV-35S40/35S45/37SL45/35V65/37VL65/37VL65C)

Antenna

75 ohm external terminal for VHF/UHF

Supplied Accessories

Remote commander (w/2 size AA (R6) batteries)

RM-Y165: (KV-32S40/32S45/34SL40/34SL40T/34SL40C/35S40/32V40)

RM-Y167: (KV-34SL45/35S45/37SL45/32V65/34VL65/

34VL65C/35V65/37VL65/37VL65C)

Optional Accessory

Connecting Cables: VMC-810S/820S

VMC-720M, YC-15V/30V, RK-74A

TV-Stand: SU-32A3,SU-35A3 VHF/UHF Mixer: EAC-66

(●)® SRS (SOUND RETRIEVAL SYSTEM)

1) 1 Vp-p 75 ohms unbalanced, sync negative 2) Y: 1 Vp-p 75 ohms unbalanced, sync negative

C: 0.286 Vp-p (Burst signal), 75 ohms

500 mVrms (100% modulation), Impedance: 47 kilohms
 More than 408 mVrms at the maximum volume setting (variable)

The (●) SRS (SOUND RETRIEVAL SYSTEM) is manufactured by Sony Corporation under license from SRS Labs, Inc. It is covered by U.S. Patent No. 4,748,669. Other U.S. and foreign patents pending.

The word 'SRS' and the SRS symbol (●) are registered trademarks of SRS Labs, Inc.

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Design and specifications are subject to change without notice.

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WARNINGS AND CAUTIONS

CAUTION!

AFTER REMOVING THE ANODE, SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK A ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION!!

AFIN D'EVITER TOUT RESQUE D'ELECTROCUTION PROVENANT D'UN CHÁSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE. LE CHÁSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

LES COMPOSANTS IDENTIFIES PAR UNE TRAME ET PAR UNE MARQUE \$\textit{\te

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

- Check the area of your repair for unsoldered or poorlysoldered connections. Check the entire board surface for solder splashes and bridges.
- Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
- Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced.
 Be absolutely certain that you have replaced all the insulators.
- Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- Check the line cords for cracks and abrasion.Recommend the replacement of any such line cord to the customer.
- Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
- Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC Leakage. Check leakage as described below.

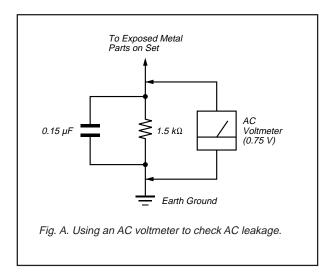
LEAKAGE TEST

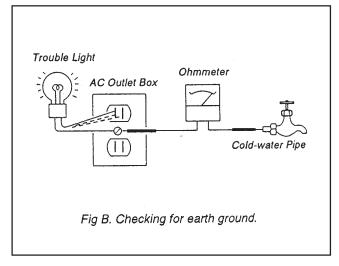
The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampere). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
- 2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63Trd are examples of passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-l00 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)





Model KV-35S45 is used for menu and illustration purposes. Differences in operation are indicated in the text; for example, "KV-35S45 only".

	Jag.	Dual tuner ('Rear	ARS (Man. Mp)	/	FAWORITECLI	VIOW VIOLE
Model Number	Single tuner	Dual tuner	2	Supposition	FAUDRI	AUD VOLUM
KV-32S40				•		
KV-32S45	•			•		
KV-32S65		•		•	•	
KV-32V40			•			•
KV-32V65		•	•		•	•
KV-35S40				•		
KV-35S45	•			•		
KV-35S65		•		•	•	
KV-35V65		•	•		•	•

5

Precautions

Safety

- · Operate the TV only with 120 V AC .
- The plug is designed, for safety purposes, to fit in the wall outlet only one way. If you are unable to insert the plug fully into the outlet, contact your dealer.
- If any liquid or solid object should fall inside the cabinet, unplug the TV immediately and have it checked by qualified personnel before operating it further.
- If you will not be using the TV for several days, disconnect power by pulling the plug itself. Never pull on the cord.

For details concerning safety precautions, see the supplied leaflet "IMPORTANT SAFEGUARDS".

Installing

- To prevent internal heat build-up, do not block the ventilation openings.
- Do not install the TV in a hot or humid place, or in a place subject to excessive dust or mechanical vibration.

Using This Manual

This manual is divided into four major sections. We recommend that you carefully review the contents of each section in the order presented to ensure that you fully understand the operation of your new TV.

1 Connecting and Installing the TV

This section guides you through your initial set up. It shows how to connect to your antenna or cable, and connect any accessories or components.

2 Basic Set Up

This section teaches you the basic skills needed to operate your new TV. It shows you how to operate special functions of the remote control.

3 Using your New TV

This section shows you how to begin using your new TV. It shows how to use the Easy Set Up Guide feature, and how to use your remote control.

4 Using your Menus

This section teaches you how to access on-screen menus and adjust your TV's settings.

Instructions in this manual are written for the remote control. Similar controls may be found on the TV console.

Connecting and Installing the TV

Making Connections

Refer to the table below, it will direct you to the diagram suitable to the components you will be connecting.

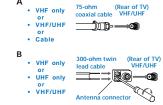
If you will be connecting	See page
Cable or antenna only	5
Cable and antenna (KV-32S65, 32V65, 35S65, 35V65 only)	5
Cable box	6
Cable box and cable to view scrambled channels (KV-32S65, 32V65, 35S65, 35V65 only)	6
VCR and cable or antenna	7
VCR and cable box	7
Direct Broadcast Satellite Receiver (DBS)	8
VCR and Direct Broadcast Satellite Receiver (DBS)	8
Digital Versatile Disc player (DVD)	9
Audio system	9
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Two VCR's for tape editing (KV-32V40, 32V65, 35V65 only)	10
Camcorder to view tapes	11
S-Link connections (KV-32S65, 32V65, 35S65, 35V65 only)	12

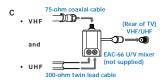
.

Cable or Antenna Connections

Connecting directly to cable or an antenna

The connection you choose will depend on the cable found in your home. Newer homes will be equipped with standard coaxial cable (see A); older homes will probably have 300-olm twin lead cable (see B); still other homes may contain both (see C).

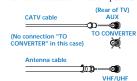




Cable and antenna

• KV-32S65, 32V65, 35S65, 35V65 only If your cable provider does not feature local channels, you may find this set up convenient for viewing both local and cable channels.

Select cable or antenna mode by pressing ANT on the remote control. You will be able to alternate between the two input sources.



ote

 In order to receive channels with an antenna, you will need to turn your CABLE to OFF (see page 26) and perform the ALITO PROCRAM function

Connecting and Installing the TV (continued)

Cable Box Connections

Some pay cable TV systems use scrambled or encoded signals that require a cable box to view all channels.

Cable box

- Connect the coaxial connector from your cable to the IN on your cable box.
- 2 Using a coaxial cable, connect OUT on your cable box to VHF/UHF on your TV.

Cable box and cable

• KV-32S65, 32V65, 35S65, 35V65 only

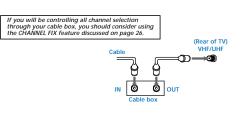
For this set up, you can switch between scrambled channels (through your cable box), and normal (CATV) channels by pressing ANT on your remote control.

Notes

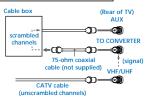
- Your Sony remote control can be programmed to operate your cable box. (see page 32)
- When using PIP, you cannot view the AUX input in the window picture.



Pressing ANT switches between these inputs.



If you are connecting a cable box through the AUX input and would like to switch between the AUX and normal (CATV) input you should consider using the CHANNEL FIX feature discussed on page 26.



— AUDIO-R (red) — AUDIO-L (white

VCR Connections

Connecting an antenna/cable TV system with a VCR

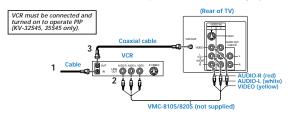
- 1 Attach the coaxial connector from your cable or antenna to IN on your VCR.
- 2 Using A/V connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV.*
- 3 Using a coaxial connector, connect OUT on your VCR to VHF/UHF on your TV.
- If you are connecting a monaural VCR, connect only the single white audio output to the left input on your TV.

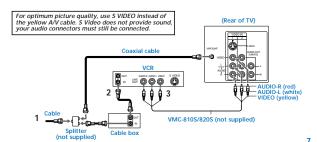
Connecting a VCR and TV with a cable box

You will need a splitter (not supplied) for the following connection.

- 1 Connect the single (input) jack of the splitter to your incoming cable connection. Connect the other two (output) jacks (using coaxial cable) to IN on your cable box and VHF/UHF on your TV.
- 2 Using a coaxial connector, connect OUT on your cable box to IN on your VCR.
- 3 Using A/V connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV.

Disconnect all power sources before making any connections.





Connecting and Installing the TV (continued)

Connecting and Installing the TV (continued)

must still be connected

DBS Connections

Connecting a DBS (Direct Broadcast Satellite) receiver

- 1 Connect the cable from your satellite antenna to your DBS receiver.
- 2 Attach the coaxial connector from your cable or antenna to VHF/UHF on your TV.
- 3 Using A/V connectors, connect AUDIO and VIDEO OUT on your DBS receiver to AUDIO and VIDEO IN on your TV.

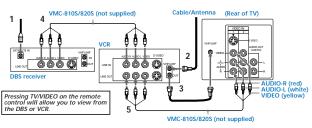
Connecting a DBS (Direct Broadcast Satellite) receiver and a VCR

- 1 Connect the cable from your satellite antenna to your DBS receiver.
- 2 Attach the coaxial connector from your cable or antenna to VHF/UHF IN on your
- 3 Using a coaxial connector, connect VHF/UHF OUT on your VCR to VHF/UHF on your TV.
- 4 Using A/V connectors, connect AUDIO and VIDEO OUT on your DBS receiver to AUDIO and VIDEO IN on your VCR.
- 5 Using A/V connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV.

For optimum picture quality, use S VIDEO instead of the yellow A/V cable. S Video does not provide sound, your audio connectors DBS receiver 0000

Disconnect all power sources before making any connections.

VMC-810S/820S (not supplied)



Additional Connections

The following connections are for accessories that will enhance your viewing options.

Connecting a DVD Player

1 Using A/V connectors, connect LINE OUT on your DVD to VIDEO IN on your TV.

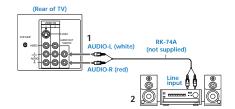
Connecting an audio system

For enhanced sound, connect your audio system to your TV.

- 1 Using AUDIO connectors, connect AUDIO OUT on your TV to one of the unused line inputs (e.g. TV, AUX, TAPE 2) on your
- 2 Set your stereo to the chosen line input. Refer to page 24 of this manual for additional audio setup instructions.

Disconnect all power sources before making any connections.





Connecting an A/V receiver

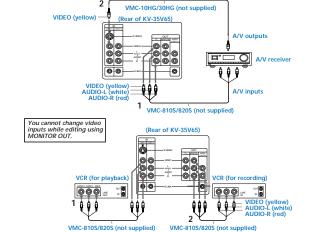
- KV-32V65, 35V65 only
- 1 Using A/V cables, connect TV OUT on your TV to TV IN on your A/V receiver.
- 2 Using a single video connector, connect Monitor OUT on your A/V receiver to VIDEO 1 IN on your TV.

You may want to use CHANNEL FIX to set your TV's input to the A/V receiver. See page 26.

Connecting two VCRs

- KV-32V40, 32V65, 35V65 only MONITOR OUT gives you the ability to use a second VCR to record a program being played by the primary VCR or to perform tape editing and dubbing
- 1 Connect the VCR intended for playback using the setup instructions on page 7 of this manual.
- 2 Using A/V connectors, connect AUDIO and VIDEO IN on your VCR intended for recording to MONITOR AUDIO and VIDEO OUT on your TV.

Disconnect all power sources before making any connections.



10

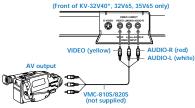
Using A/V connectors, connect AUDIO and VIDEO OUT on your camcorder to AUDIO and VIDEO IN on your TV.

Connection can also be made directly to your A/V input located on the rear of your TV.

· If you are connecting a monaural camcorder, connect only the single white audio output to the left input on your TV.

Disconnect all power sources before making any connections.

If you have an S VIDEO equipped camcorder, you can use an S Video cable for optimum picture quality.



* KV-32V40 does not have SVIDEO on the front panel.

Connecting and Installing the TV (continued)

S-Link connections

 KV-32S65, 32V65, 35S65, 35V65 only S-Link is designed to allow your Sony components to "communicate".

Connecting S-Link to a VCR

S-Link will automatically power on the TV and switch to the correct video input when a tape is inserted in the VCR.

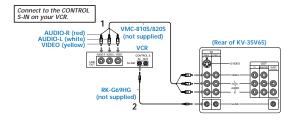
- 1 Using A/V connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV.
- 2 Using an S-Link connector (mono mini plug), connect S-LINK/CONTROL S-IN on your VCR to S-LINK on your TV.

Connecting S-Link to a DBS

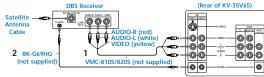
S-Link will automatically power on the TV and switch to the correct video input when you power on the DBS.

- 1 Using A/V connectors, connect AUDIO and VIDEO OUT on your DBS to AUDIO and VIDEO IN on your TV.
- 2 Using an S-Link connector (mono mini plug), connect S-LINK on your DBS to S-LINK on your TV.

Disconnect all power sources before making any connections.



The S-Link connector must be in the same VIDEO-IN jacks as the A/V cable on your TV. DRS Receive



Code

701 704, 710 702

12

11

Operating Video Equipment

Programming the remote

You can use the supplied remote control to operate Sony or non-Sony video equipment.

- 1 Press CODE SET.
- 2 Press VTR/DVD (FUNCTION).
- 3 Use the 0-9 buttons to key in the manufacturer's code number from the following chart.
- 4 Press ENTER.

VCR code numbers

Manufacturer	Cod
Sony	301, 302, 303
Admiral (M. Ward)	327
Aiwa `	338, 344
Audio Dynamic	314, 337
Broksonic	319, 317
Canon	309, 308
Citizen	332
Craig	302. 332
Criterion	315
Curtis Mathis	304, 338, 309
Daewoo	341, 312, 309
DBX	314, 336, 337
Dimensia	304
Emerson	319, 320, 316, 317, 318, 34
Fisher	330, 335
Funai	338
General Electric	329, 304, 309
Go Video	322, 339, 340
30	

Hitachi				306	, 304		
Instant Replay						309,	
JC Penney	309,	305,					
JVC		314,	336,		345,		
Kenwood					336,		
LXI (Sears)			332,	305,	330,	335,	338
Magnavox						309,	
Marantz					314,	336,	
Marta							332
Memorex						309,	
Minolta						305,	
Mitsubishi/MG/	4			323,	324,		
Multitech						338,	
NEC					314,	336,	
Olympic						309,	
Optimus							327
Panasonic				308,	309,		
Pentax						305,	
Philco						308,	
Philips					308,	309,	310
Pioneer							308
Quasar					308,	309,	306
RCA/PROSCA	N		304,	305,	308,		
				312,	313,	310,	329
Realistic		309.	330.		335,		
Sansui							314
Samsung					322.	313,	321
Sanyo					,	330,	
	2, 313,	321	335	323	324		
Sharp	_, 0.0,	02.,	000,	020,	02.,	327,	
Shintom						UZ1,	315
Signature 2000	(M V	(ard)				338,	
SV2000	. (·u·u				000,	338
Sylvania				308	309,	338	
Symphonic				000,	000,	000,	338
Cymphonic							550

Operating a VCR	Buttons on the remote control
To turn on or off	Press VTR/DVD (POWER).
To select a channel directly	Press the 0 – 9 buttons.
To change channels	Press CH +/
To record	Press ➤ and ● simultaneously.
To play	Press ►.
To stop	Press ■.
To fast forward	Press ►►.
To rewind the tape	Press ◀◀.
To pause	Press II. To resume normal playback press again or press ►.
To scan	Press ▶ or ◀◀ during playback. To resume normal playback release the button.
To change input mode	Press TV/VTR.

- · In some rare cases, you may not be able to operate your non-Sony video equipment with the supplied remote control. In this case, please use the equipment's own remote control.
- When you remove the batteries, the code number may revert to the factory setting
- · The code numbers for Sony VCR's are assigned at the factory as follows:

VHS VCR

(preset code for the supplied remote control)

8 mm VCR Beta, ED Beta VCRs

To resume normal playback, 303 press again or press -. To scan Press ▶▶ or ◄◄ during playback. To resume normal playback, press -To search the chapter Press CH +/-

Operating an MDP Buttons on the remote

control

Press -

Press

Press II.

Press VTR/DVD (POWER).

MDP (Multi Disc Player)

code numbers

Manufacturer

Sony

301

302

Panasonic

To turn on or off

To play

To ston

To pause

forward or backward

Tip 🍟

If you will not be programming a DBS or cable box into the DBS/CABLE input, you can use it to program other video equipment (e.g. DVD, MDP, or second VCR). (see page 30)

DVD (Digital Versatile Disc) code numbers

Manufacturer	Code
Sony	751
Panasonic	753
Pioneer	752
RCA	755
Toshiba	754

Operating a DVD	Buttons on the remote control
Γο turn on or off	Press VTR/DVD (POWER).
Γο play	Press ►.
To stop	Press ■.
To pause	Press II. To resume normal playback, press again or press ►.
To scan	Press ▶ or ◄ during playback. To resume normal playback, press ▶.
To search the chapter forward or packward	Press CH +/
To select chapters directly	0-9 + ENTER.
MENU	Press to display DVD menu.
To move cursor in menu	Use your arrow buttons ♠, ♣, ♠, ♠.

KV-32S40/32S45/34SL40/34SL40C/34SL40T/34SL45/35S40/35S45/37SL45/ 32V40/32V65/34VL65/34VL65C/35V65/37VL65/37VL65C

33

Operating a Cable Box or DBS Receiver

Programming the remote

You can program the supplied remote control to operate a cable box or DBS receiver.

- 1 Press CODE SET.
- 2 Press DBS/CABLE (FUNCTION).
- 3 Use the 0-9 buttons to key in the manufacturer's code number from the following chart.
- 4 Press ENTER.

For more details on operating the cable box or DBS receiver

Refer to the operating instructions that were supplied with the equipment.

If the remote control doesn't work Cable box code numbers

• First, try repeating the setup procedures using the other codes listed for your equipment.

Tips 👸

- If more than one code number is listed, try entering them one by one until you come to the correct code for your equipment.
- If you enter a new code number, the code number you previously entered at that setting is erased.
- In some rare cases, you may not be able to operate your equipment with the supplied remote control. Inthis case, use the equipment's supplied remote control.
- Wheneveryou remove the batteries the code numbers may revert to the factory setting.

Manufacturer	Code
Hamlin/Regal	222, 223, 224, 225, 226
Jerrold/G. I.	201, 202, 203, 204, 205, 206, 207, 208, 218
Oak	227, 228, 229
Panasonic	219, 220, 221
Pioneer	214, 215
Scientific Atlanta	209, 210, 211
Tocom	216, 217
Zenith	212, 213

DBS receiver code numbers

Manufacturer	Code
Sony	801 (preset code for remote control)
General Electric	802
Hitachi	805
Hughes	804
Panasonic	803
RCA/PROSCAN	802, 808
Toshiba	806, 807

Troubleshooting

Consult the table below: it suggests solutions to specific problems

Problem	What it could be	What you can do
Cannot operate single tuner PIP (KV-32S45, 35S45)	VCR may not be connected to your TV properly. VCR may not be turned on. The remote control may not be programmed to operate the VCR.	Ensure that you have set your VCR correctly. (see page 7) Program your remote control to operate the VCR. (see page 30)
A red light keeps flashing on the TV for more than a few seconds	Your TV may need service.	Call your local Sony service center.
TV makes a noise when turned on	This is a normal function of your TV.	
Screen is not lit and there is no sound	Power cord may not be plugged in. Batteries may not have been placed with the correct polarity. TV/VIDEO setting may be incorrect.	Press TV/VIDEO until you receive a channel.
Poor or no picture (screen lit), good sound	VIDEO menu settings may not be adjusted correctly. Antenna/cable connections may be faulty. VIDEO LABEL inputs may be set to WEB. (This label darkens the screen for ideal WebTV viewing)	Readjust your VIDEO menu settings.(see page 22) Check your VIDEO LABEL settings. (see page 28)
Good picture, no sound	Sound may be set to MUTING. Your TV may be set to SAP. Speaker may not be set correctly.	Press MUTE. Check the MTS setting in the AUDIO menu. (see page 23) Check your SPEAKER settings. (see page 23)
No color	Color settings may not be adjusted correctly.	Adjust the COLOR settings in the VIDEO menu. (see page 22)

Problem	What it could be	What you can do
Only snow and noise appear on the screen	CABLE may not be set correctly in the SET UP menu. Antenna/cable connections may not be correct. TV may be set to AUX mode.	Ensure that you have selected the correct CABLE mode in the SET UP menu. (see page 26) Press ANT on your remote control to change the input mode. (see page 16)
Cannot receive upper channels (UHF) when using an antenna	CABLE setting may not be correct in the SET UP menu.	Ensure that CABLE is set to OFF in the SET UP menu. (see page 28) Use AUTO PROGRAM to add receivable channels that are not presently in TV memory. (see page 28)
Cannot receive any channels when using cable	CABLE setting may not be set correctly in the SET UP menu.	Ensure that CABLE is set to ON in the SET UP menu. (see page 26) Use AUTO PROGRAM to add receivable channels that are not presently in TV memory. (see page 26)
Cannot gain enough volume when using a cable box	Volume may not be adjusted on your cable box.	Press TV (FUNCTION) and adjust the TV's volume.
TV is fixed to one channel	CHANNEL FIX settings may not be correct.	Check your CHANNEL FIX settings. (see page 26)

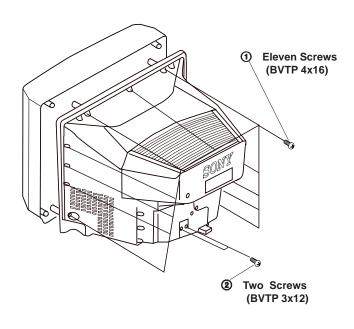
If, after reading these operating instructions, you have additional questions related to the use of your Sony television, please call our Direct Response Center at 1-800-222-SONY (7669). (U.S. residents only)

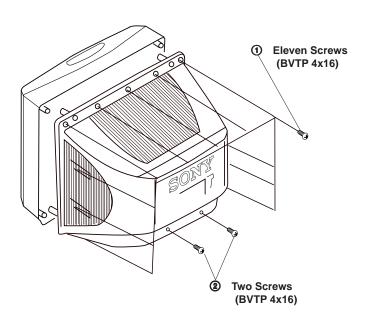
SECTION 2 DISASSEMBLY

2-1. REAR COVER REMOVAL

(KV-32S40/34SL40/34SL40C/32S45/34SL45/34SL40T/32V40/32V65/34VL65C)

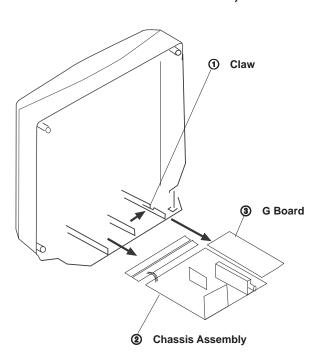
(KV-35S40/35S45/37SL45/37VL65/37VL65C)



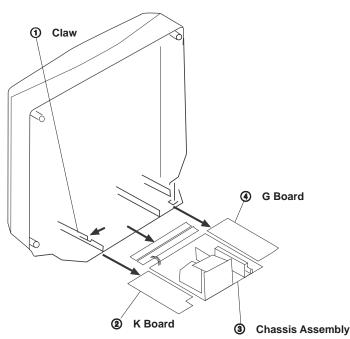


2-2. CHASSIS ASSEMBLY REMOVAL

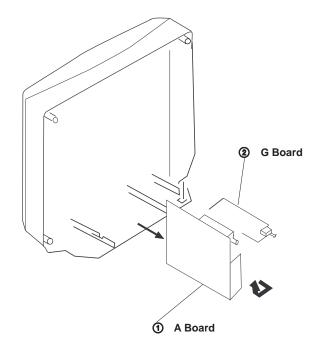
(KV-32S40/34SL40/34SL40C/32S45/ 34SL45/35S40/35S45/37SL45/34SL40T)



(KV-32V40/32V65/34VL65/34VL65C/35V65/37VL65/37VL65C)

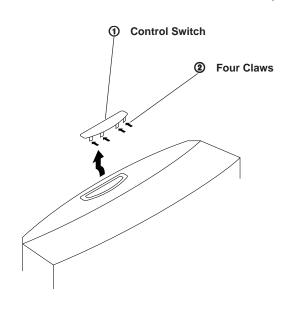


2-3. SERVICE POSITION



2-4. CONTROL SWITCH REMOVAL

(KV-32V65/34VL65/34VL65C/35VL65C/35VL65C)

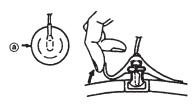


ANODE-CAP REMOVAL

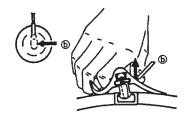
WARNING: High voltage remains in the CRT even after the power is disconnected. To avoid electrical shock, discharge CRT <u>before</u> attempting to remove the anode cap. Short between anode and coated earth ground strap of CRT.

NOTE: After removing the anode, short circuit the anode of the picture tube and the anode cap to either the metal chassis, CRT shield or carbon painted on the CRT.

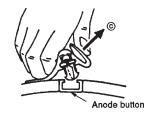
REMOVAL PROCEDURES



① Turn up one side of the rubber cap in the direction indicated by arrow ⓐ.



② Use your thumb to pull the rubber cap firmly in the direction indicated by arrow ⑤.



③ When one side of the rubber cap separates from the anode button, the anodecap can be removed by turning the rubber cap and pulling it in the direction of arrow ②.

HOW TO HANDLE AN ANODE-CAP

- ① Do not use sharp objects which may cause damage to the surface of the anode-cap.
- ② Do not squeeze the rubber covering too hard to avoid damaging the anode-cap. A material fitting called a shatter-hook terminal is built into the rubber.
- ③ Do not force turn the foot of the rubber cover. This may cause the shatter-hook terminal to protrude and damage the rubber.



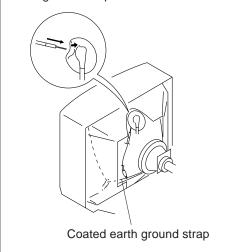


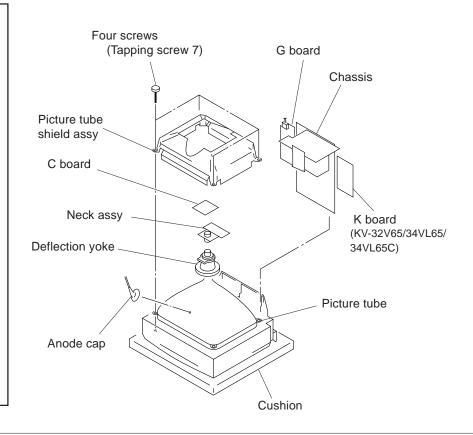
2-5-1. PICTURE TUBE REMOVAL (KV-32S40/34SL40/34SL40C/32S45/34SL40T/32V40/32V65/34VL65/34VL65C)

WARNING -- Before removing anode cap:

High voltage remains in the CRT even after the power is disconnected.

To avoid electrical shock, discharge CRT <u>before</u> attempting to remove the anode cap. Short between anode and coated earth ground strap of CRT.



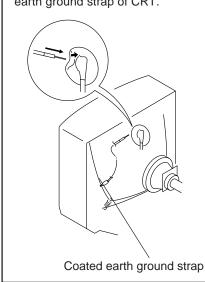


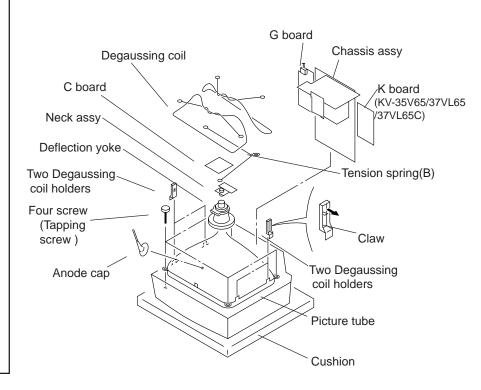
2-5-2. PICTURE TUBE REMOVAL (KV-35S40/35S45/37SL45/37VL65/37VL65C)

WARNING -- Before removing anode cap:

High voltage remains in the CRT even after the power is disconnected.

To avoid electrical shock, discharge CRT <u>before</u> attempting to remove the anode cap. Short between anode and coated earth ground strap of CRT.





SECTION 3 SET-UP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed.

These adjustments should be performed with rated power supply voltage unless otherwise noted.

The controls and switch should be set as follows unless otherwise noted:

PICTURE control normal

BRIGHTNESS control normal

Perform the adjustments in order as follows:

- 1. Beam Landing
- 2. Convergence
- 3. Focus
- 4. Screen (G2)/White Balance

Note: Test Equipment Required

- 1. Color Bar Pattern Generator
- 2. Degausser
- 3. DC Power Supply
- 4. Digital Multimeter

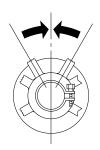
3-1. BEAM LANDING

Preparation:

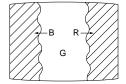
- Input a white pattern signal.
- Face the picture tube in a East or West direction to reduce the influence of geomagnetism.

NOTE: Do not use the hand degausser because it magnetizes the CRT.

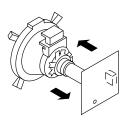
- 1. Input white pattern from pattern generator.
- 2. Loosen the deflection yoke mounting screw, and set the purity control to the center as shown below:



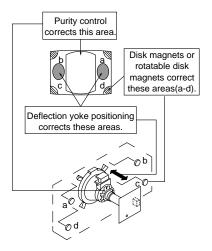
- 3. Input green pattern from pattern generator.
- Move the deflection yoke backward, and adjust with the purity control so that green is in the center and red and blue are even on both sides.



5. Move the deflection yoke forward, and adjust so that the entire screen becomes green.



- Switch over the raster signal to red and blue and confirm the condition.
- 7. When the position of the deflection yoke is determined, tighten it with the deflection yoke mounting screw.
- 8. When landing at the corner is not right, adjust by using the disk magnets.



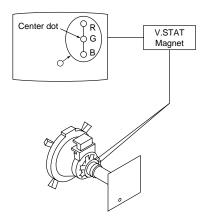
3-2. CONVERGENCE

Preparation:

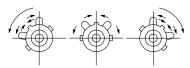
- Before starting, perform FOCUS, V. LIN and V. SIZE adjustments.
- Set BRIGHTNESS control to minimum.
- Input dot pattern.

(1) Vertical and Horizontal Static Convergence

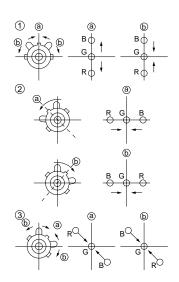
1. Adjust V. STAT magnet to converge red, green and blue dots in the center of the screen. (Vertical movement)



Tilt the V. STAT magnet and adjust static convergence to open or close the V. STAT magnet.



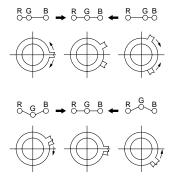
When the V. STAT magnet is moved in the direction of arrow (a) and (b), red, green, and blue dots move as shown below:



Operation of BMC (Hexapole) Magnet

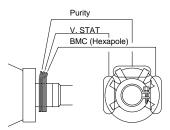
The respective dot positions resulting from moving each magnet interact, so perform adjustment while tracking.

Use the VSTAT tabs to adjust the red, green, and blue dots so they line up at the center of the screen (move the dots in a horizontal direction.)



Y Separation Axis Correction Magnet Adjustment

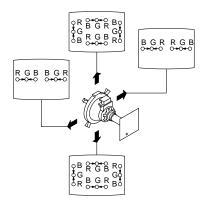
- 1. Input cross-hatch pattern, adjust PICTURE to minimum and BRIGHTNESS to normal.
- Adjust the deflection yoke upright so it touches the CRT.
- 3. Adjust so that the Y separation axis correction magnet on the neck assembly is symmetrical from top to bottom (open state).



4. Return the deflection yoke to its original position.

(2) Dynamic Convergence Adjustment

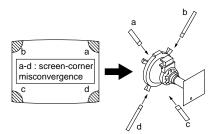
- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
- 1. Slightly loosen deflection yoke screw.
- 2. Remove deflection yoke spacers.
- Move the deflection yoke for best convergence as shown below:



- 4. Tighten the deflection yoke screw.
- 5. Install the deflection yoke spacers.

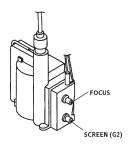
(3) Screen-corner Convergence

Affix a permalloy assembly corresponding to the misconverged areas:



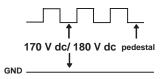
3-3. FOCUS

Adjust FOCUS control for best picture.



3-4. SCREEN (G2)

- 1. Input dot pattern from the pattern generator.
- 2. Set the PICTURE and BRIGHT controls at normal.
- Adjust S BRT, G CUT, B CUT in service mode with an oscilloscope so that voltages on the red, green, and blue cathodes are 170Vdc for 35"/37" and 180Vdc for 32"/34".
- Observe the screen and adjust SCREEN (G2) VR to obtain the faintly visible background of dot signal.



3-5. WHITE BALANCE ADJUSTMENTS

NO.	Disp.	Item	Avg/32"	Avg/35"
16	GDRV	Green Drive	33	45
17	BDRV	Blue Drive	33	45
18	GCUT	Green Cut-off	3	6
19	BCUT	Blue Cut-off	2	6
23	SBRT	Sub Bright	14	10

- 1. Input an entire white signal.
- 2. Set to Service adjustment Mode.
- 3. Set DCOL to "0"
- 4. Set the PICTURE and BRIGHT to minimum.
- 5. Adjust with SBRT if necessary.
- Select GCUT and BCUT with 1 and 4.
- 7. Adjust with **3** and **6** for the best white balance.
- 8. Set the PICTURE and BRIGHT to maximum.
- 9. Select GDRV and BDRV with 1 and 4.
- 10. Adjust with **3** and **6** for the best white balance.
- 11. Reset DCOL to "1".
- 12. Write into the memory by pressing MUTING then ENTER **.

SECTION 4 SAFETY RELATED ADJUSTMENTS

R530, R531 CONFIRMATION METHOD (HOLD-DOWN CONFIRMATION) AND READJUSTMENTS

Always perform the following adjustments when replacing the following components marked with a \square mark on the schematic diagram:

A BOARD: IC351, IC501, D519, D520, D521, C531, C532, R387, R529, R530, R531, R532,

R533, R550, T503

G BOARD: IC643, R661

Step 1 Preparation before Confirmation

Turn the POWER switch ON.

Input a white signal and set the PICTURE and BRIGHT controls to maximum.

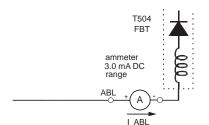
Confirm that the voltage at the check terminal of TP85 is more than $18.0\ V\ DC$ when the set is operating normally.

At AC input: $120.0 \pm 2.0 \text{ VAC}$ or $220.0 \pm 2.0 \text{ VAC}$ (for $34\text{SL}40\text{C}/34\text{VL}65\text{C}/37\text{VL}65\text{C}}$ only)

Step 2

Input a white signal and verify that I ABL is within the specified range: $2160 \pm 100 \,\mu A$.

At AC input: $120.0 \pm 2.0 \text{ VAC}$ or $220.0 \pm 2.0 \text{ VAC}$ (for 34SL40C/34VL65C/37VL65C only)



Step 3

Record the voltage between TP85 and ground.

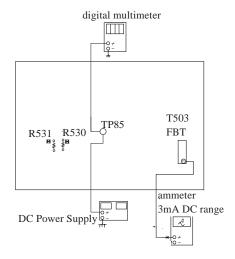
Step 4

Using an external DC power supply, apply voltage between TP85 and ground.

Increase the voltage gradually and confirm that the holdown works (raster disappears) at lower than the voltage recorded in Step 3.

Lower than 22.05 V DC At AC input: 120.0 ± 2.0 VAC

or 220.0 ± 2.0 VAC (for 34SL40C/34VL65C/37VL65C only)



A BOARD - CONDUCTOR SIDE

Step 5

Confirm that a voltage of more than 18.0 V DC appears between TP85 and ground.

At AC input: $120.0 \pm 2.0 \text{ VAC}$

or $220.0 \pm 2.0 \text{ VAC}$ (for 34SL40C/34VL65C/37VL65C only)

B+ VOLTAGE CONFIRMATION AND ADJUSTMENT

Always perform the following adjustments when replacing the following components marked with \square on the schematic diagram:

G BOARD: IC643, R661

- 1) Using Variac, apply AC input voltage: 130 ± 2.0 VAC (or 220.0 ± 2.0 VAC for 34SL40C/34VL65C/37VL65C only)
- 2) Input a monoscope signal.
- Set the PICTURE control and the BRIGHT control to initial reset value.
- 4) Confirm the voltage of G BOARD CN641 between pin ① to ground is less than 135.5 ± 1.0 V DC.
- 5) If step 4 is not satisfied, replace the R661and repeat the above steps.

SECTION 5 CIRCUIT ADJUSTMENTS

ELECTRICAL ADJUSTMENT BY REMOTE COMMANDER

Use Remote Commander (RM-Y167) to perform the following circuit adjustments:

NOTE: Test Equipment Required:

- 1. Pattern Generator
- 2. Frequency Counter
- 3. Digital Multimeter
- 4. Audio OSC

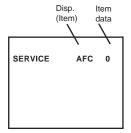
(1) Method of Setting the Service Adjustment Mode

SERVICE MODE PROCEDURE

- 1. Standby mode. (Power off)
- 2. $\boxed{\text{DISPLAY}} \rightarrow \boxed{5} \rightarrow \boxed{\text{VOL}(+)} \rightarrow \boxed{\text{POWER}}$ on the Remote Commander.

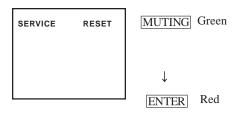
(Press each button within a second.)

SERVICE ADJUSTMENT MODE IN

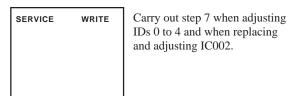


- 3. The CRT displays the item being adjusted.
- 4. Press 1 or 4 on the Remote Commander to select the item.
- 5. Press 3 or 6 on the Remote Commander to change the
- 6. Press MUTING then ENTER to write into memory**.

SERVICE ADJUSTMENT MODE MEMORY



7. Press 8 then ENTER on the Remote Commander to initialize.

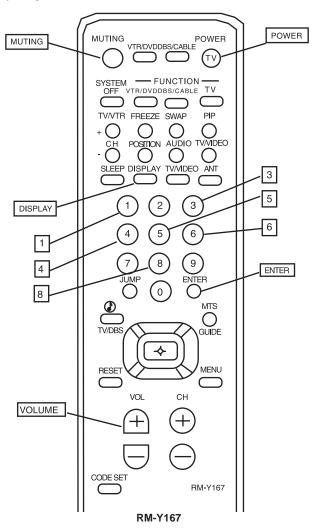


8. Turn set off and on to exit. * CAUTION: Wait at least 10 seconds before turning off set.

(2) Memory Write Confirmation Method

- 1. After adjustment, pull out the plug from the AC outlet, then replace the plug in the AC outlet again.
- 2. Turn the power switch ON and set to Service Mode.
- 3. Call the adjusted items again to confirm they were adjusted.

(3) Adjust Buttons and Indicator



**WARNING: Do NOT turn off the power or AC immediately after pressing MUTING then ENTER. Wait at least 10 seconds.

(4) Service Data

No.	Register Name	Description	Data	Adj/Fix	Initial	Average	e Data**	Comments
	ituiio		Range		Data	32"	35"	1
						A B C	D E	
		VP CXA2095S						
1	VPOS	V-Position	0-63	Adj	20	23	27	0:Down, 63:Up
2	VSIZ	V-Size	0-63	Adj	20	27	26	0:Min, 63:Max
3	VCOM	V-Compensation	0-3	Fix	1	,		0:Min, 3:Max
4	VLIN	V-Linearity	0-15	Adj	7	9)	0:Min, 15:Max
5	VSCO	S-Correction	0-15	Adj	7	6	9	0:Min, 15:Max
6	HPOS	H-Position	0-15	Adj	7	11	10	0:Right, 15:Left
7	HSIZ	H-Size	0-63	Adj	20	23	28	0:Min, 63:Max
8	PAMP	Pin Compensation	0-63	Adj	31	27	24	0:Min, 63:Max
9	UPIN	Upper Corner Pin	0-15	Adj	7	4	7	0:Min, 15:Max
10	LPIN PPHA	Lower Corner Pin Pin Phase	0-15 0-15	Adj Adj	7	6 4	10 5	0:Min, 15:Max 0:Min(small picture), 15:Max
12	AFC	AFC	0-13	Fix	2	2	_	0:Freerun, 1:Min, 3:Max
13	VBOW	AFC Bow	0-15	Adj	7	6	5	0:Right, 15:Left
14	VANG	AFC Angle	0-15	Adj	7	6	4	0:Right, 15:Left
15	REF	Reference Line	0-3	Fix	2	2		0:22H(Rch), 3:16H(Rch)
16	GDRV	Green Drive	0-63	Adj	31	22	35	0:Min, 63:Max
17	BDRV	Blue Drive	0-63	Adj	31	30	26	0:Min, 63:Max
18	GCUT	Green Cutoff	0-15	Adj	7	5	8	0:Min, 15:Max
19	BCUT	Blue Cutoff	0-15	Adj	7	7	6	0:Min, 15:Max
20	SCON	Sub Contrast	0-15	Adj	7	10	8	0:Min, 15:Max
21	SHUE	Sub Hue (RF only)	0-15	Adj	7	7 (flat-1)	8 (flat-1)	0:+10deg, 15:-10deg
22	1SHU	Sub Hue (composite & S-video)	0-15	Adj	7	7	7	0:+10deg, 15:-10deg
23	SCOL	Sub Color (RF only)	0-15	Adj	7	11 (flat+2)	9 (flat+2)	0:Min, 15:Max 0:Min, 15:Max
24	1SCO SBRT	Sub Color (composite & S-video) Sub Brightness	0-15 0-63	Adj Adj	7 31	14	13 6	0:Min, 63:Max
26	SSHP	Sub Sharpness (RF & Composite video)	0-03	Fix by model	7	8	8	0:Min, 15:Max
27	1SSP	Sub Sharpness (S-video only)	0-15	Fix by model	7	10	10	0:Min, 15:Max
28	GMMA	Gamma Correction	0-3	Fix by model	1	0	0	0:Off, 1:Min, 3:Max
29	CDM2	Countdown Mode 2	0-1	Fix	0	0		0: Normal 1: High Speed
30	EYSW	External Y Switch	0-1	Fix	0)	O: Normal 1: EYin disabled
31	DPIX	Dynamic Picture	0,1	Fix	1			0:Off, 1:On
32	Y-DC	DC Transmission Ratio	0,1	Fix	1			0:100%, 1:82%
33	ABLM	ABL Mode	0,1	Fix	1	,		0:PictureABL,
34	AXIS	Color Demodulation Axis	0,1	Fix	1	,	1	1:Picture/BrightnessABL 0:Japan, 1:US
35	NOTC	Chroma Trap Filter	0,1	Fix	0	(0:Off, 1:On
36	CROM	Chroma Trap Adjust	0-15	Fix	7	-		0:+300kHz, 1:-300kHz
37	TOT	TOT Filter (RF only)	0,1	Fix	1	-		0:Off, 1:On
38	1TOT	TOT Filter (Composite & S-video)	0,1	Fix	1	(0:Off, 1:On
39	PREL	Pre/Overshoot Ratio (RF & Composite)	0-3	Fix by model	3	,		0: 2:1, 3: 5:1
40	1PRE	Pre/Overshoot Ratio (S-video only)	0-3	Fix by model	3	3	}	0: 2:1, 3: 5:1
41	SHPF	Sharpness fo (RF & Composite)	0-3	Fix by model	2	-		0:2.5MHz, 3:4.0MHz
42	1SPF	Sharpness fo (S-video only)	0-3	Fix by model	2	3	3	0:2.5MHz, 3:4.0MHz
43	RON	Red Off	0,1	Fix	1			0:Off, 1:On
44	GON	Green Off	0,1	Fix	1			0:Off, 1:On
45 46	BON DCOL	Blue Off Dynamic Color	0,1 0,1	Fix Fix	0	,		0:Off, 1:On 0:Off, 1:On
46	CDMD	V Countdown Mode	0,1	Fix	0	(0:Auto, 1:Fix
48		H Blanking Switch	0,1	Fix	0			0:Off, 1:On
49	LBLK	Left Blanking	0-15	Fix	0	7		0:Min, 15:Max
50	RBLK	Right Blanking	0-15	Fix	0	-		0:Min, 15:Max
		AP CXA2021						
51	SVOL	Sub Volume	0-15	Fix	0	6	3	0:-0 Volume steps, 15:-15 Volume steps
52	SBAL	Sub Balance	0-15	Adj	7			0: +Right, 15:+Left
53	SBAS	Sub Bass	0-15	Fix by model	7	10 8		0:-7 Steps, 15: +8 steps
54	STRE	Sub Treble	0-15	Fix by model	7	7 10	7 10	0:-7 Steps, 15: +8 steps
		MM1311/1313						
55	AUSW	Audio Att Sw	0,1	Fix	1	,		0:-6dB, 1:0dB (Only for VIDEO input)

** AVERAGE DATA MODEL GROUPINGS:

32"/34	A: KV-32S40/32S45/34SL40/34SL40C/34SL40T/34SL45	35"/37"	D:	KV-35S40/35S45/37SL45
	B: KV-32V40		E:	KV-35V65/37VL65/37VL65C
	C: KV-32V65/32VL65/34VL65C			

Service Data (cont.)

No.	Register Name	Description	Data	Adj/Fix	Initial	Average I	Data**	Comments
			Range		Data	32"	35"	1
						A B C	D E	
		PI SDA9288						
56	PYSD	Select Delay	0-15	Fix by P-bd	3	3		0:Right, 15:Left
57	PIPH	PIP H-position	0-127	Fix	78	78		0:Right, 127:Left
58	PIPV	PIP V-position	0-63	Fix	18	18		0:Up, 63:Down
59	PYDL	PIP Y-delay	0-7	Fix	0	0		0:Right, 7:Left
60	PHDL	H-pulse delay	0-15	Fix by P-bd	3	0		0:Right, 15:Left 7-21: Available (1-6/22-31 Not
61	PMVD	Main V-pulse delay	0-31	Fix	16	16		Avail) 16-28 Available (1-6/22-31 Not
62 63	PCON	Inset V-pulse delay Inset Contrast	0-31 0-15	Fix Fix	7	7		Avail) 0:Min, 15:Max
64	FRMY	Frame Y	0-15	Fix	7	7		0:Dark, 15:Bright
	CHRI		0,1		1	1		<u> </u>
65		Input Polarity	0,1	Fix by P-bd				0:+(B-Y)+(R-Y), 1:-(B-Y)-(R-Y)
66	CHRO	Output Polarity	0,1	Fix	1	1		0:+(B-Y)+(R-Y), 1:-(B-Y)-(R-Y)
67	IPER	Inset Pedestal R-Y	0-15	Fix	0	0		0:Center, 7:Max, 8:Min
68	IPEB	Inset Pedestal B-Y	0-15	Fix	0	0		0:Center, 7:Max, 8:Min
69	PCPS	CLPS Bit Control	0,1	Fix	0	0		0:Depend on HSIDEL, 1:Not depend
70	PCPF	CLPFIX Bit Control	0,1	Fix	0	0		0: 3Clamp line, 1: 2Clamp line
71	PSEL	SELDOWN Bit Control	0,1	Fix by P-bd	1	1		0:Open out, 1:TTL out
72	PPLL	PLL Filter Bits	0-3	Fix	0	0		Fixed value only
73	PVNR	VSPISQ VSP NR	0-1	Fix	0	1		SDA9288 IC bypass use 1
		IC CXA2019						
74	ISCO	CDec Sub Contrast	0-15	Fix	7	15		PiP sub contrast
75	ISHP	CDec Sharpness	0-15	Fix	7	8		PiP sharpness
76	ISCL	CDec Sub Color	0-15	Fix	7	9		PiP sub color
77	ISHU	CDec Sub Hue	0-15	Fix	7	6		PiP sub hue
78 79	ITOT	CDec TOT on CDec AFC	0,1	Fix Fix	2	1 2		PiP TOT 0:Off, 1:On 0:Max, 2:Min, 3:Freerun
80	ICD2	CDec Countdown Mode2	0-3	Fix Fix	0	0		0:Standard, 1:Fast
81	IYDR	CDec Y drive	0-31	Fix	15	7		PiP Y-drive gain
82	IVPE	CDec V pedestal	0-31	Fix	7	6		PiP V-ped DC
83	IUPE	CDec U pedestal	0-15	Fix	7	6		PiP U-ped DC
84	IRVP	CDec RV pedestal	0-15	Fix	7	6		PiP V-ped DC (re-input)
85	IRUP	CDec RU pedestal	0-15	Fix	7	6		PiP U-ped DC (re-input)
86	IDCT	CDec DC transfer	0-7	Fix	2	0		PiP DC transfer 0:Max, 7:Min
87	IRYD	CDec RY drive	0-31	Fix	15	20		PiP RY Drive (re-input)
88	IABO	CDec ABL off	0,1	Fix	1	1		PiP ABL (RY-OUT) 0:On, 1:Off
89	IPRE	CDec Pre/Over shoot	0-3	Fix	3	3		PiP Pre/over shoot 0: 1:1, 1: 4:1
90	IRUD	CDec RU Drive	0-31	Fix	15	20		PiP RU-gain out 0:-6dB, 31:+3.3bD
91	IABL	CDec ABL	0,1	Fix	1	1		PiP ABL gain 0:Std, 1:Min
92 93	IABC IRVD	CDec ABL Cent CDec RV drive	0-3 0-31	Fix Fix	1 15	1 17		PiP ABL Center 0:Min, 1:Max PiP RY Drive (re-input)
93						17		PiP Y-delay 0:0ns, 1:60ns,
94	IDLY	CDec Delay	0-3	Fix	0	0		2:120ns, 3:180ns PiP SCP riseup phase 0:+0.4us,
95	ISCR	CDec SCP BGR	0-3	Fix	0	0		1:cent, 2:-0.8us
96	ISCF	CDec SCP BGF	0-3	Fix	0	0		PiP SCP falldown phase 0:+0.4us, 1:cent, 2:-0.8us
		CC CXP8584a-011s						
97	CRIL	CC CRI count low	0-15	Fix	2	2		7 Clock Run-In Lower Limit (field 1)
98	CFLD	CC Caption Fixed Field Count		Fix	5	5		Fixed value only
99	CCDI	CC CCD int	0-7	Fix	3	3		Fixed value only
100	CRIP	CC CRI & polarity	0-7	Fix	4	4		Fixed value only
101	CRIT	CC CRI time constant	0-3	Fix	1	1		Fixed value only
102	CSB1	CC Sync Slice Bias 1	0-3	Fix	3	3		Fixed value only
103 104	CSB2 CREP	CC Synce Slice Bias 2	0-7 0-255	Fix Fix	4 142	4 142		Fixed value only
104	CDSD	CC CRI signal end position CC Data start delay	0-255	Fix	8	8		Fixed value only Fixed value only
106	CCDS	CC Caption data threshold	0-31	Fix	9	9		Fixed value only
107	CHMK	CC P8_HMASK	0-63	Fix	42	42		Hmask
108	CHSY	CC P8_HSYC	0-255	Fix	136	136		Hsyc
109	DISP	TV OSD H Position	0-63	Adj	1	23		0:Off, 1:Left, 63: Right
110	RTCO	Rotation Coil	0-63	Fix	32	32		Fixed value only

** AVERAGE DATA MODEL GROUPINGS:

32"/34" A: KV-32S40/32S45/34SL40/34SL40C/34SL40T/34SL45

B: KV-32V40

C: KV-32V65/32VL65/34VL65C

35"/37" D: KV-35S40/35S45/37SL45

E: KV-35V65/37VL65/37VL65C

Service Data (cont.)

No.	Register Name	Description	Data	Adj/Fix	Initial	Average Data**		,	Comments		
			Range		Data	"	32"		35'	•	
						Α	В	;	D	Е	
		ID MAP									
111	ID-0	ID-0 (Language/Color Systems)	0-255	Fix by model	89						See ID map
112	ID-1	ID-1 (Input/Output Conifguration)	0-255	Fix by model	55				See ID map		
113	ID-2	ID-2 (Audio)	0-255	Fix by model	175						See ID map
114	ID-3	ID-3 (OSD/Timer/V-chip/Ch Fix)	0-255	Fix by model	0		re	fei	r to		See ID map
115	ID-4	ID-4 (CC/Spot Killer/etc)	0-255	Fix by model	155	ı	NVM	ID	Char	t	See ID map
116	ID-5	ID-5 (V-series Features/etc)	0-255	Fix by model	141						See ID map
117	ID-6	ID-6 (PiP/Ant Sw related)	0-255	Fix by model	6						See ID map
118	ID-7	ID-7 (Special Models/etc)	0-255	Fix by model	0						See ID map

**AVERAGE DATA MODEL GROUPINGS:

32"/34"	A: KV-32S40/32S45/34SL40/34SL40C/34SL40T/34SL45	35"/37"	D:	KV-35S40/35S45/37SL45
	B: KV-32V40		E:	KV-35V65/37VL65/37VL65C
	C: KV-32V65/32VL65/34VL65C			

SERVICE IDO 25

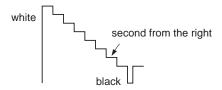
Note: Items 1-118 show adjustment order

(5) Feature ID Map

	KV-	DESTINATION	ID-0	ID-1	ID-2	ID-3	ID-4	ID-5	ID-6	ID-7
1	32S40	(US/CND)	89	17	31	10	27	129	0	0
2	32S45	(US/CND)	89	21	31	10	27	129	1	0
3	32V40	(US/CND)	89	23	175	10	27	129	0	0
4	32V65	(CND)	89	55	175	10	27	141	6	0
6	35S40	(US/CND)	89	21	31	10	155	129	6	0
7	35S45	(US/CND)	89	21	31	10	155	129	1	0
8	35V65	(CND)	89	55	175	10	155	141	6	0
9	34SL40C	(E)	25	17	159	74	59	129	0	0
10	34VL65C	(E)	25	55	175	74	59	141	6	0
11	37VL65C	(E)	25	55	175	74	187	141	6	0
12	34SL40	(E)	25	17	159	74	59	129	0	0
13	34SL45	(E)	25	21	159	74	59	129	1	0
14	34VL65	(E)	25	55	175	74	59	141	6	0
15	37SL45	(E)	25	21	159	74	187	129	1	0
16	37VL65	(E)	25	55	175	74	187	14	6	0
17	34SL40T	(TAIWAN)	9	17	159	10	27	129	0	0

SUB BRIGHT ADJUSTMENT (SBRT)

- 1. Set to Service adjustment Mode.
- 2. Input a gray scale pattern signal.
- 3. Set the PICTURE to minimum, and BRIGHT to normal.
- 4. Select SBRT with 1 and 4.
- 5. Adjust SUB BRIGHT level with 3 and 6 so that the stripe second from the right is faintly visible.
- 6. Write into the memory by pressing MUTING then ENTER**.

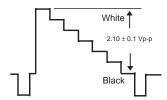


SUB CONTRAST ADJUSTMENT (SCON)

- 1. Input a color-bar signal.
- 2. Set to Service adjustment Mode.
- 3. Select the item DCOL to "0" level.
- 4. Set the conditions as follows.

PICTURE COLOR BRIGHT		MAX MIN CENTER
R ON G ON B ON		ON (1) OFF (0) OFF (0)
SERVIC	CE RON 1	0: OFF

- 5. Connect an oscilloscope probe to C Board, CN1761 pin ① (RED OUT).
- 6. Select SCON with 1 and 4.
- 7. Adjust with 3 and 6 for: 2.10 ± 0.01 Vp-p.



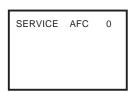
- 8. Reset the item DCOL to "1" level.
- 9. Write the memory by pressing $\boxed{\text{MUTING}}$ then $\boxed{\text{ENTER}}**$.

10. Return the following back to normal after adjustment.

PICTURE	 MAX
COLOR	 CENTER
BRIGHT	 CENTER
R ON	 ON (1)
G ON	 ON (1)
B ON	ON (1)

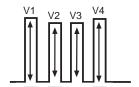
DISPLAY POSITION ADJUSTMENT (DISP)

- 1. Input a color-bar signal.
- 2. Set to Service adjustment Mode.
- 3. Select DISP with 1 and 4.
- 4. Adjust with 3 and 6 for adjustment of characters to center.
- 5. Write the memory by pressing MUTING then ENTER**.



SUB HUE, SUB COLOR ADJUSTMENT (SHUE, SCOL)

- 1. Input a color-bar signal.
- 2. Set to Service adjustment Mode.
- 3. Connect oscilloscope probe to C Board, CN1761 Pin(3) (BLUE OUT).
- 4. Select SHUE and SCOL with 1 and 4.
- 5. Adjust with $\boxed{3}$ and $\boxed{6}$ for the V1 = V4 \pm 0.1Vp-p (SCOL) and V2 = V3 \pm 0.1Vp-p (SHUE).



6. Change data according to the following table;

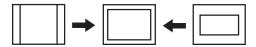
	SCOL	SHUE
32"	+2 steps	-1 steps
35"	+2 steps	-1 steps

7. Write into the memory by pressing MUTING then ENTER **.

V. SIZE ADJUSTMENT (VSIZ)

- 1. Input a cross-hatch signal.
- 2. Set to Service adjustment mode.
- 3. Select VSIZ with 1 and 4.
- 4. Adjust with 3 and 6 for the best vertical size.
- 5. Write into the memory by pressing MUTING then ENTER **.

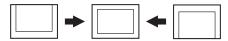




V. POSITION ADJUSTMENT (VPOS)

- 1.Input a cross-hatch signal.
- 2.Set to Service adjustment Mode.
- 3. Select VPOS with 1 and 4.
- 4. Adjust with 3 and 6 for the best vertical center.
- 5. Write into the memory by pressing MUTING then ENTER **.

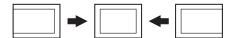
V. POSITION



H. POSITION ADJUSTMENT (HPOS)

- 1. Input a cross-hatch signal.
- 2. Set the Service adjustment Mode.
- 3. Select HPOS with 1 and 4.
- 4. Adjust with 3 and 6 for the best horizontal center.
- 5. Write into the memory by pressing MUTING then ENTER**.

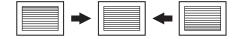
H. POSITION



V LINEARITY (VLIN), V CORRECTION (VSCO), PIN AMP (PAMP) AND PIN PHASE (PPHA) ADJUSTMENTS

- 1. Input a cross-hatch signal.
- 2. Set to Service adjustment Mode.
- 3. Select VLIN, VSCO, PAMP, and PPHA with 1 and 4.
- 4. Adjust with 3 and 6 for the best picture.
- 5. Write the memory by Pressing MUTING then ENTER**.

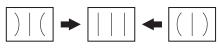
V LINEARITY(VLIN)



VS CORRECTION (VSCO)



PIN AMP (PAMP)



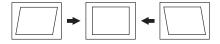
PIN PHASE (PPHA)



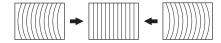
V ANGLE (VANG), V BOW (VBOW), UPPER PIN (UPIN) AND LOW PIN (LPIN) ADJUSTMENTS

- 1. Input a cross hatch signal.
- 2. Set to Service adjustment Mode.
- 3. Select VVANG, VBOW, UPIN, and LPIN with 1 and 4.
- 4. Adjust with 3 and 6 for the best picture.
- 5. Write the memory by Pressing MUTING then ENTER **.

V ANGLE (VANG)



V BOW (VBOW)



UPPER PIN (UPIN)



LOW PIN (LPIN)

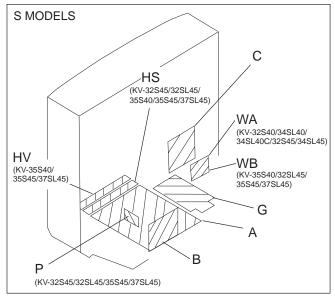


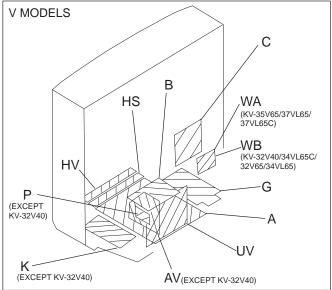
P BOARD ADJUSTMENTS

PIP V. POSITION (PIPV), PIP H. POSITION (PIPH)

- 1. Input a color bar signal.
- 2. Set to service adjustment mode.
- 3. Select PHOP with 1 and 4.
- 4. Adjust with 3 and 6 for the best balanced position at four corner P in P display position.
- 5. Adjust P in P put at lower right position.
- 6. Write the memory by Pressing MUTING then ENTER**.

6-3. CIRCUIT BOARDS LOCATION





6-4. PRINTED WRING BOARDS AND SCHEMATIC DIAGRAMS

- All capacitors are in μF unless otherwise noted. pF : μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All electrolytics are in 50V unless otherwise specified.
- All resistors are in ohms.
- $K\Omega$ =1000 Ω , $M\Omega$ =1000 $k\Omega$
- Indication of resistance, which does not have one for rating electrical power, is as follows.

 Pitch: 5mm

Rating electrical power: 1/4 W

- 1/4 W in resistance, 1/10 W and 1/8 W in chip resistance.
- : nonflammable resistor.
- + : fusible resistor.
- \triangle : internal component.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.
- Should replacement be required, replace only with the value originally used.
- When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved. (Refer to R530 and R531 adjustment on Page 15.)
- When replacing the part in below table, be sure to perform the related adjustment.
- Readings are taken with a color-bar signal input.
- \bullet Readings are taken with a 10M $\!\Omega$ digital multimeter.
- Voltages are DC with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.

Part replaced(∠)	Adjustment(☑)
IC351,IC501,D519,D520,D521	R530,R531
C531,C532,R387,R529,R530,R531	,
R532,R533,R550,T503A BOAR	D
IC643,R661G BOAR	D

- · All voltages are in V.
- S : Measurement impossibillity.

• B+line.
• B-line.

(Actual measured value may be different).

- 🗀 : signal path. (RF)
- Circled numbers are waveform references.

Reference information

RESISTOR : RN METAL FILM · RC SOLID : FPRD NONFLAMMABLE CARBON : FUSE NONFLAMMABLE FUSIBLE NONFLAMMABLE WIREWOUND · RW NONFLAMMABLE METAL OXIDE ·RS : RB NONFLAMMABLE CEMENT ADJUSTMENT RESISTOR · 💥 COIL : LF-8L MICRO INDUCTOR CAPACITOR: TA **TANTALUM** : PS STYROL : PP **POLYPROPYLENE** : PT MYI AR : MPS METALIZED POLYESTER METALIZED POLYPROPYLENE : MPP : ALB BIPOLAR

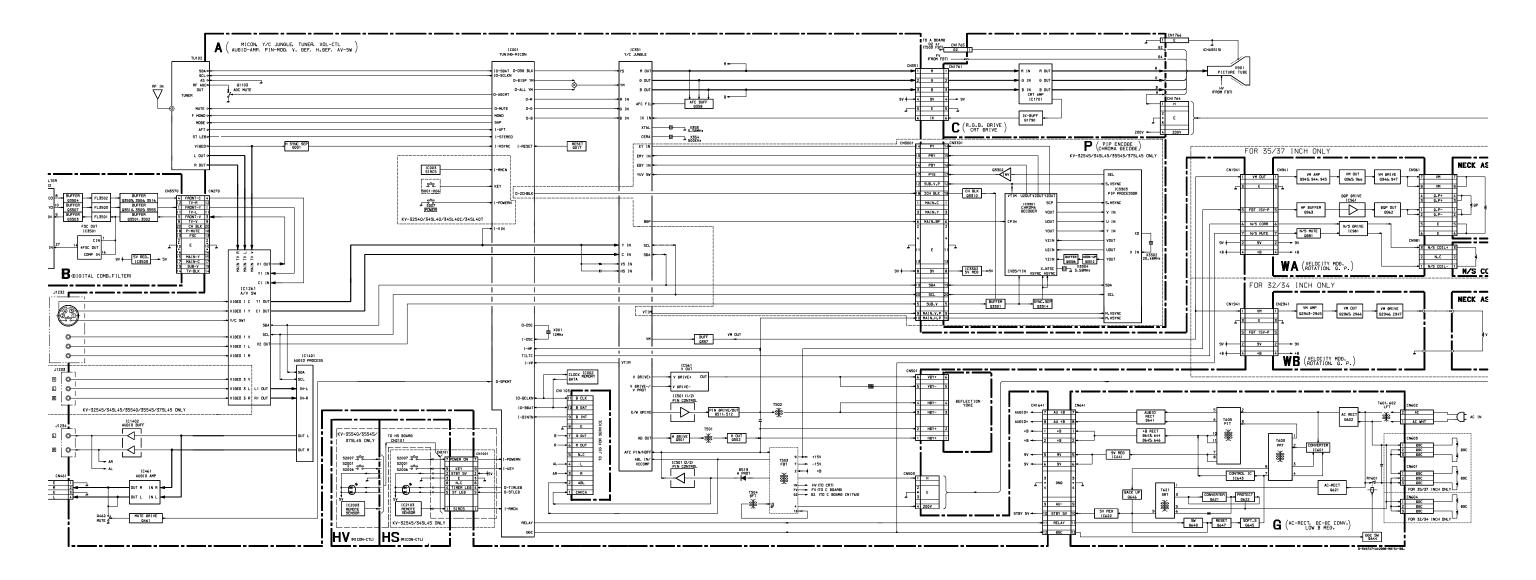
: ALT HIGH TEMPERATURE

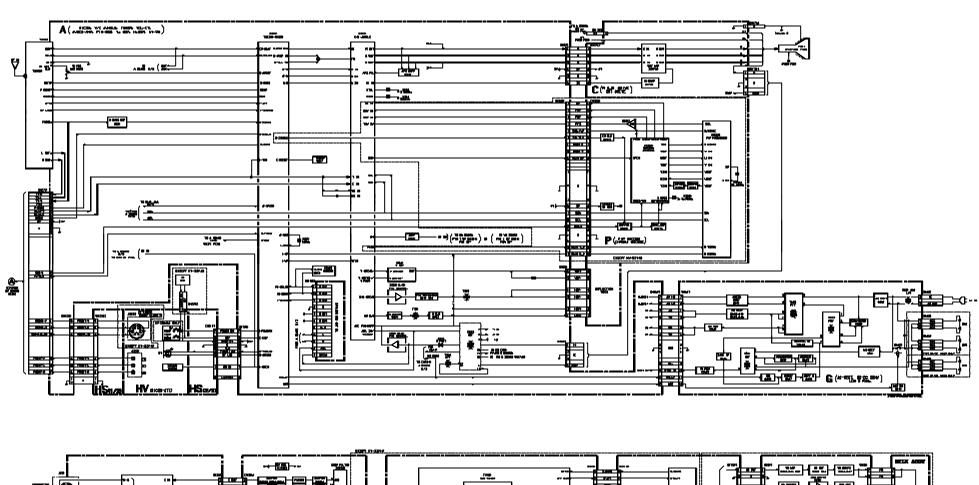
The symbol \longrightarrow display is on the component side. The components identified by shading and mark \bigwedge are

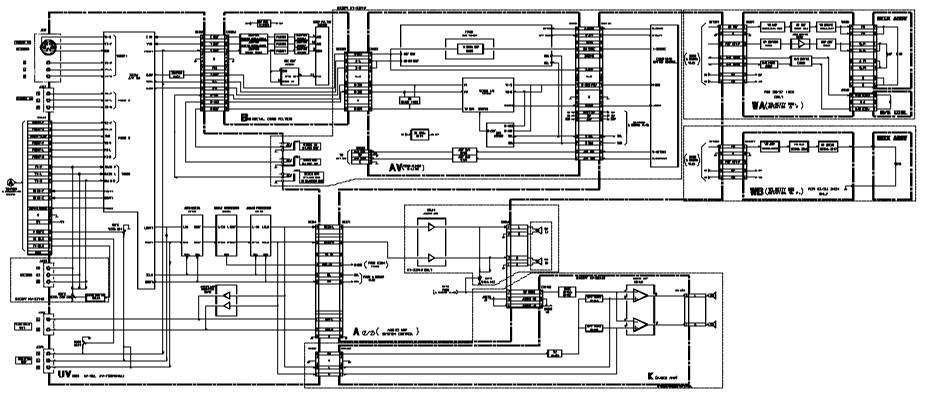
critical for safety. Replace only with part number specified.

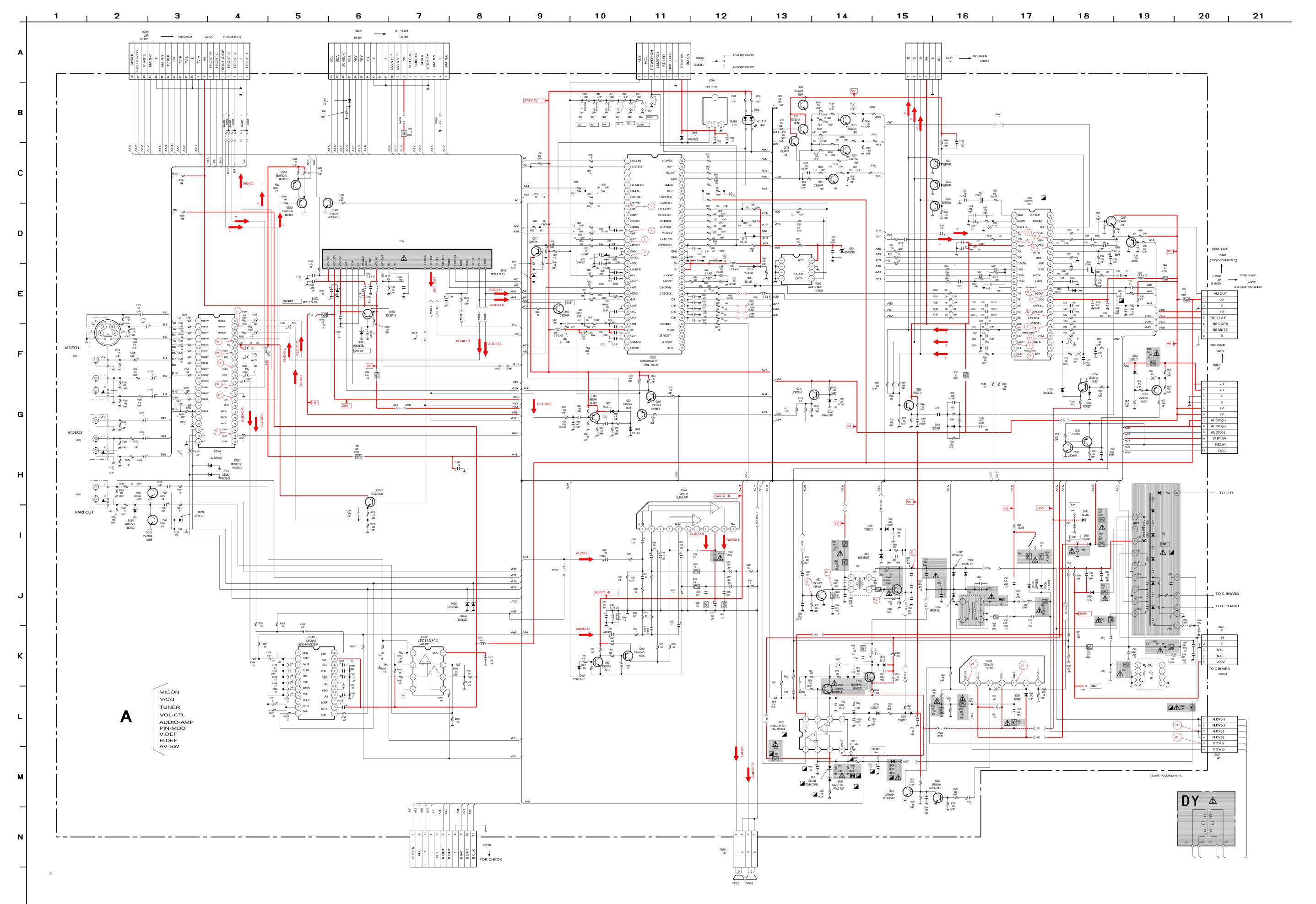
The symbol \rightarrow indicate fast operating fuse. Replace only with fuse of same rating as marked.

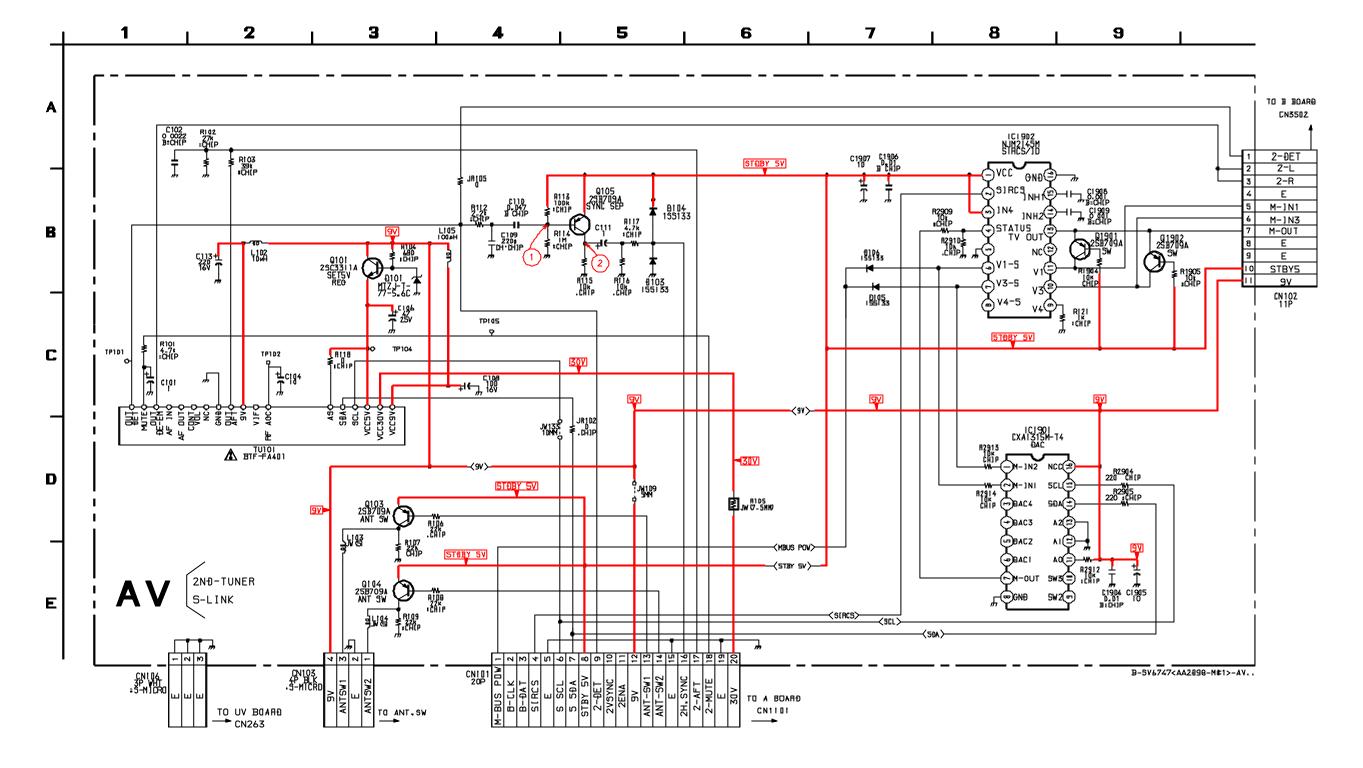
Les composants identifiés per un tramé et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

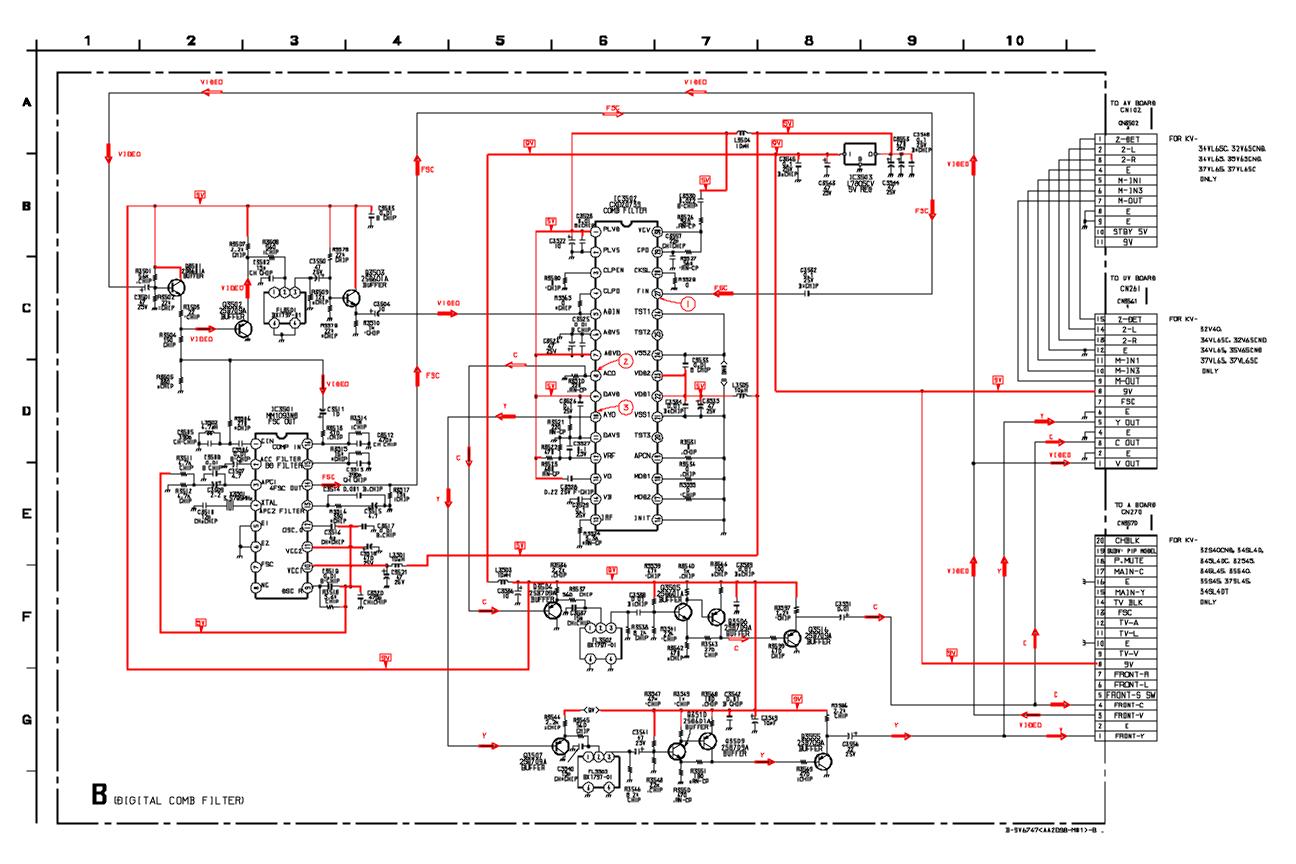


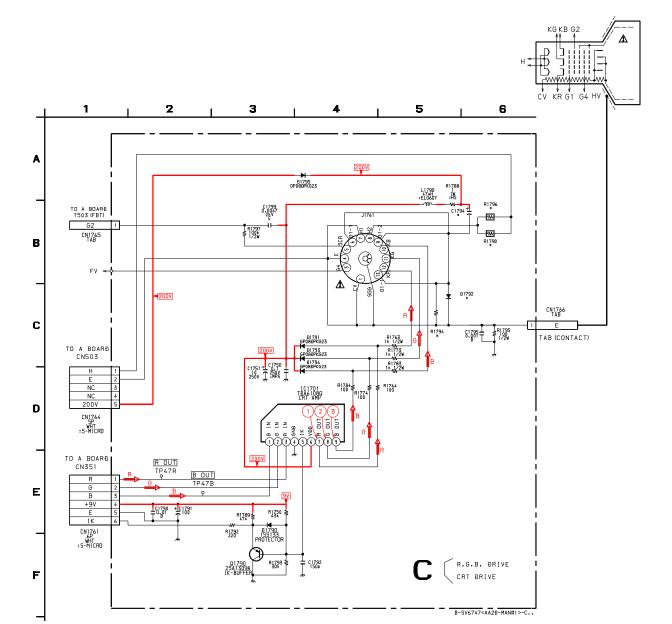


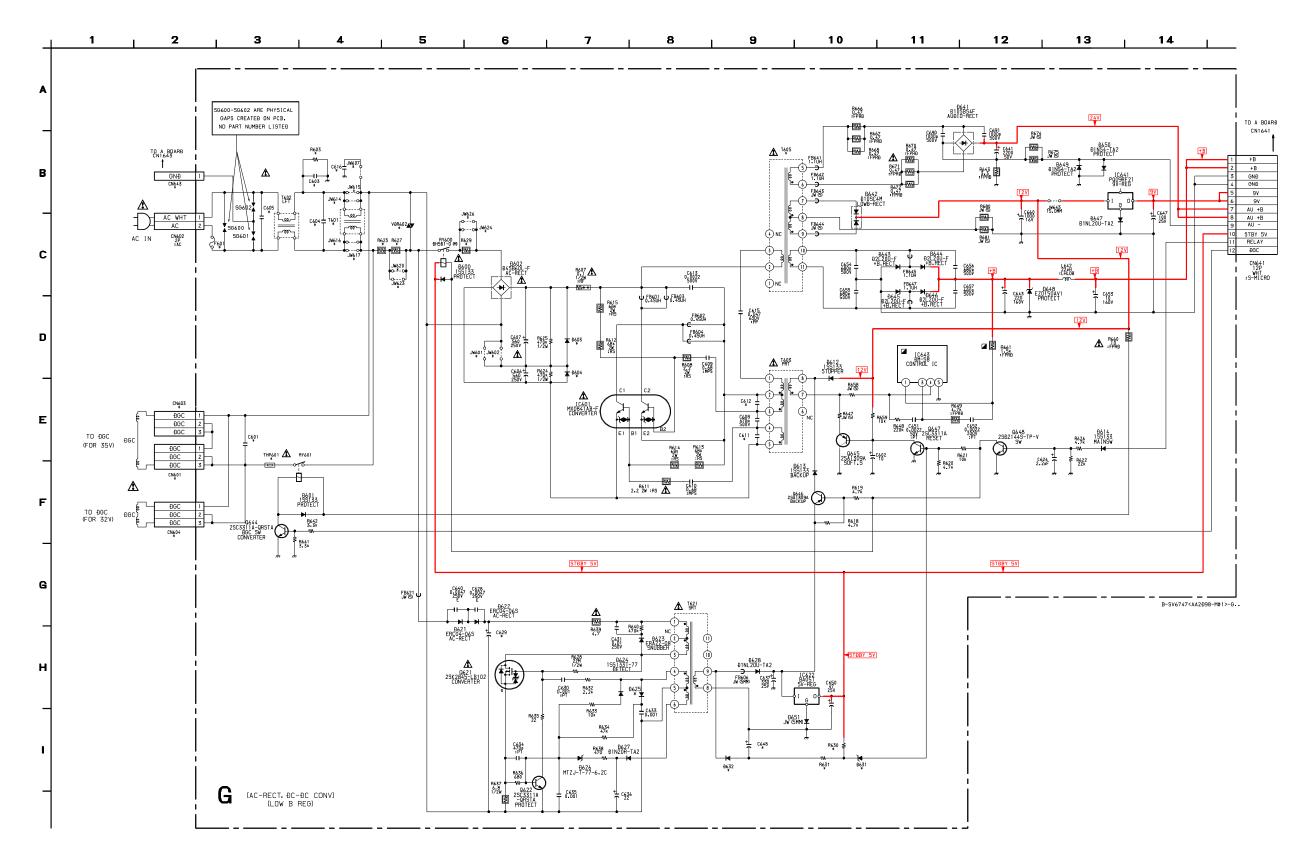


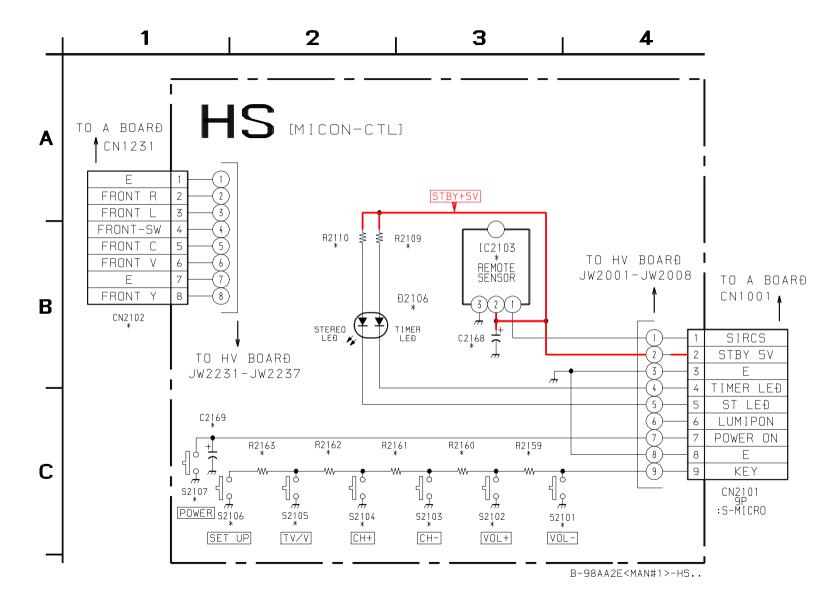


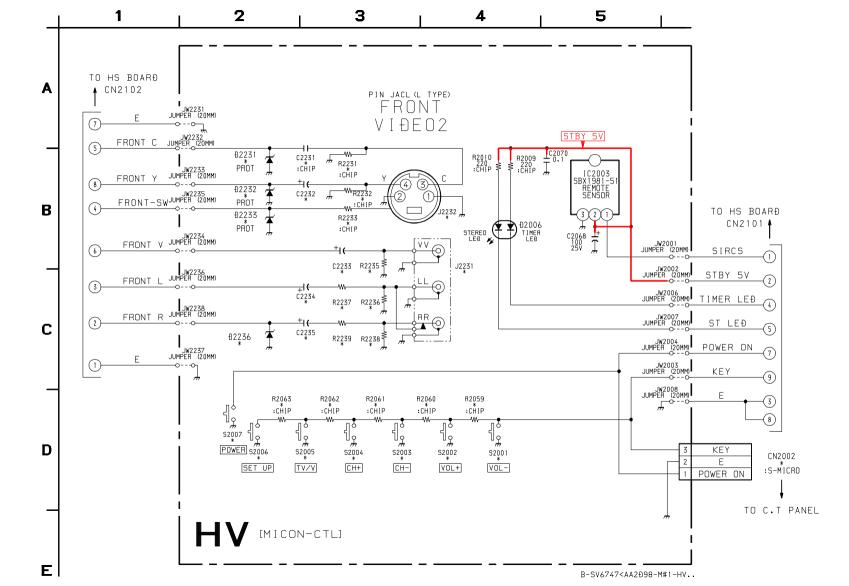


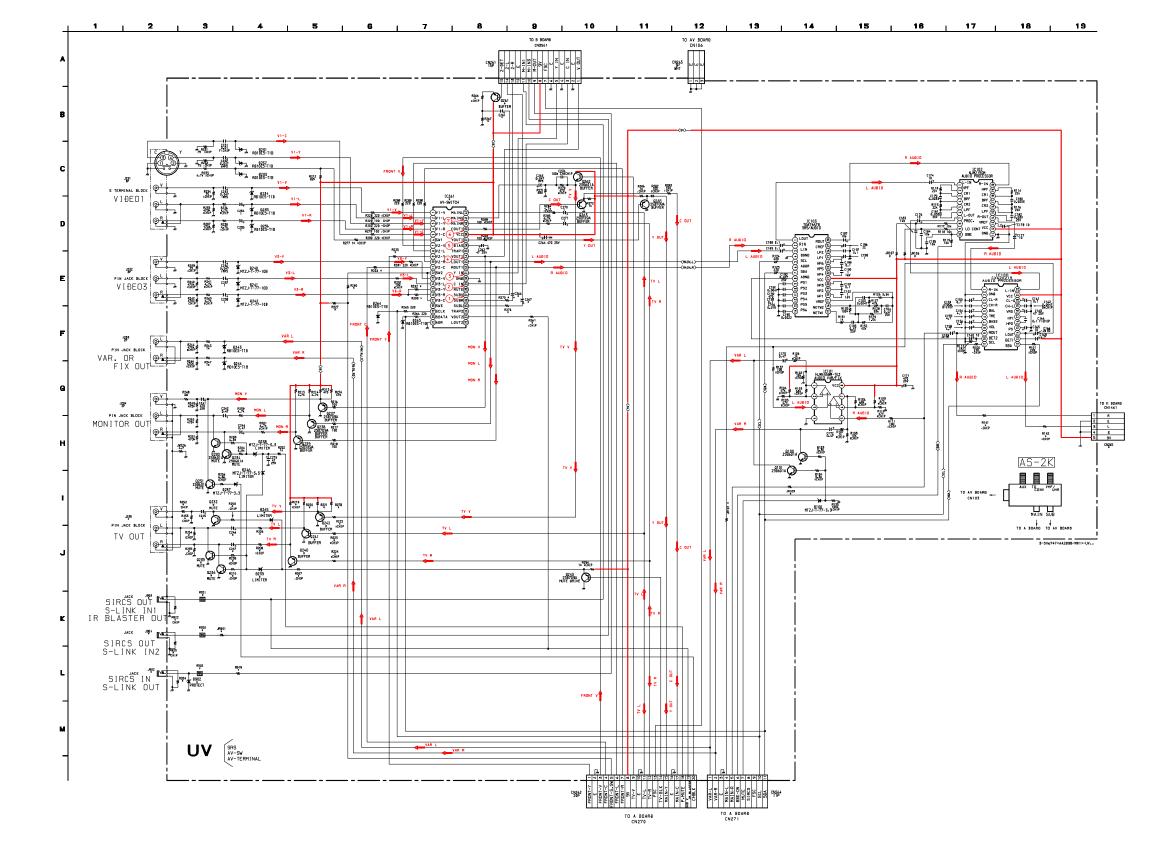










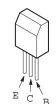


6-5. SEMICONDUCTORS

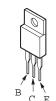
DTC114EK 2SC1623-L5L6 2SA1330-06 2SA1162-G 2SD601A-Q



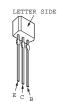
2SC3209LK



2SA1837 2SC4159-E



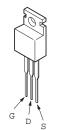
2SA1175-HFE 2SC2785-HFE



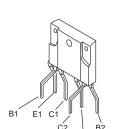
2SD2144S-V



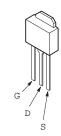
IRF614



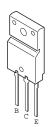
MX0841



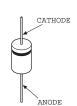
2SK2845-LB102



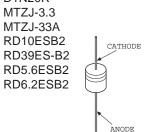
2SC5148



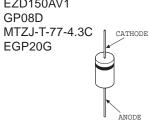
ERC06-15S ISSI33T-77



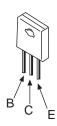
D1NS4 D1N20R



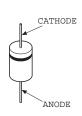
D2L2OU EL1Z EZD150AV1 GP08D



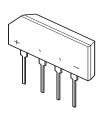
2SC4834M



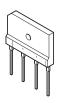
EGP30D ERD29-08J



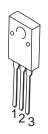
D10SBS4F



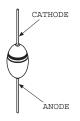
D4SB60L D1NL40-TA2



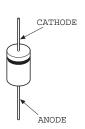
D10SC4M



U05G



D1NL20U

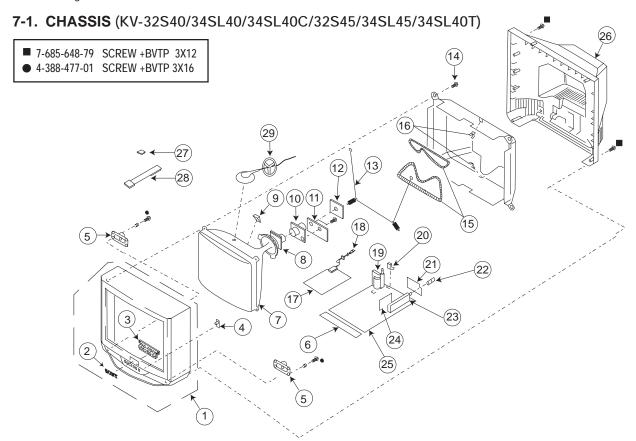


SECTION 7 EXPLODED VIEW

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The component parts of an assembly are indicated by the reference numbers in the remarks column.
- Items marked with an asterisk "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and " Δ " are critical for safety. Replace only with specified part number.

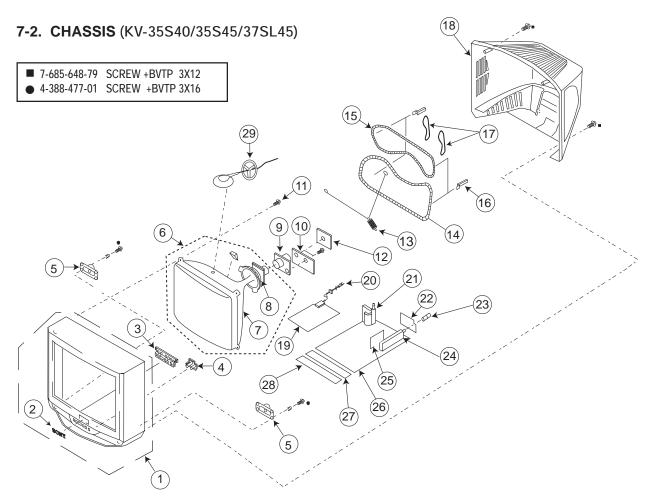
Les composants identifies per un trame et une marque Δ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



REF.NO	O. PART NO.	DESCRIPTION	REMARK	REF.N	O. PART NO.	DESCRIPTION	REMARK
	V 4005 774 4	DEZNET ACCV	0.4				
1	X-4035-771-1	BEZNET ASSY	2-4	17 *	A-1316-389-A	G BOARD, COMPLE	
	V 4005 770 4	(KV-32S40/34SL50C/34SL40/34	•	l		(KV-32S40/34SL40/3	,
1	X-4035-772-1	BEZNET ASSY (KV-32S45/34SI	L45) 2-4	17 *	A-1316-395-A	G BOARD, COMPLE	,
2	4-046-160-11	EMBLEM (NO.9), SONY		17 *	A-1316-396-A	G BOARD, COMPLE	
3	4-063-573-01	BUTTON, MULTI			1-751-059-11	CORD, POWER (W/C	•
4	4-063-570-01	GUIDE, LED		19 ∆	1-453-207-11	TRANSFORMER, FB	T ASSY NX-2609//X4C
_							
5	1-504-531-11	SPEAKER (13.1X6.2CM)		20	4-064-530-01	CLIP, CHASSIS (KV-	•
6 *	A-1372-519-A	HS BOARD, COMPLETE (KV-3)	,	21 *	A-1135-950-A	B, BOARD COMPLET	ΓE
7 ∧	8-733-756-05	CRT 34FX2T (A80JYV52X) (KV	•	22	1-766-374-11	PLUG, F-PIN	
7 ⚠	8-733-757-05	CRT 34FX2T (A80JYV52X) (FO	R N.A. AREA)	23 ∧	8-598-431-00	FSS TUNER, BTF-W	A411 (EXCEPT KV-34SL40T)
		(KV-32S40/32S45/34SL40/34SL	_45/34SL40T)	23 ∆	8-598-477-00	FSS TUNER, BTF-W	G411 (KV-34SL40T ONLY)
∆ 8	8-451-482-21	DY Y34FXA2-X					
				24 *	A-1195-138-A	P BOARD, COMPLET	ΓΕ (KV-32S45/34SL45)
9	4-053-005-01	SPACER, DY		25 *	A-1298-661-A	A BOARD, COMPLET	E (KV-34SL40T)
10 △	1-452-579-21	NECK ASSY		25 *	A-1298-630-A	A BOARD, COMPLET	E (KV-32S40/34SL40/34SL40C)
11 *	A-1372-508-A	WB BOARD, MOUNTED		25 *	A-1298-631-A	A, BOARD COMPLET	TE (KV-32S45/34SL45)
12 *	A-1331-837-A	C BOARD, COMPLETE					
13	4-036-329-01	SPRING (B) TENSION		26	4-063-852-01	COVER, REAR (KV-3	2S40/34SL40/34SL40C/34SL40T)
				26	4-064-760-01	COVER, REAR (KV-3	
14	4-041-268-01	SCREW (7), TAPPING		27	1-452-885-11	MAGNET, LANDING	•
15 △	1-402-952-11	COIL, DEMAGNETIC		28	4-062-047-01	PIECE A (110), CONV	CORRECT
16 *	4-371-629-01	STOPPER, WIRE		29	3-704-372-31	HOLDER, HV	

The components identified by shading and " Δ " mark are critical for safety. Replace only with specified part number.

Les composants identifies per un trame et une marque Δ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

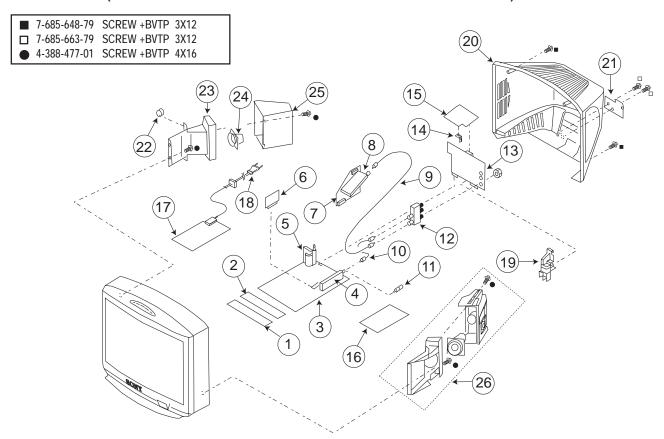


REF.	NO. PART NO.	DESCRIPTION	REMARK	REF.NO. PART N	IO. DESCRIPTION	REMARK
1 1 2 3 4 5 6 A 7 A 8 A	X-4035-596-1 X-4035-597-1 4-046-160-01 4-058-053-11 4-058-054-01 1-504-531-11 8-733-761-61 8-733-761-05 8-451-480-11	BEZNET ASSY (KV-35S40) BEZNET ASSY (KV-35S45/37SL45) EMBLEM (NO.9), SONY BUTTON, MULTI BAR, OPTICAL SPEAKER (13.1X6.2CM) ITC 37GXT-A1 CRT 37GXT DY Y37GXA-X	2 2 7,8	15 △ 1-411-882 16 4-052-900 17 4-059-585 18 4-058-052 19 * A-1316-39 20 △ 1-751-059 21 △ X-4034-79 22 * A-1135-95 23 1-766-374	-11 COIL, DEMAGNETIC -02 HOLDER, DGC -01 TIE, CABLE (KV-35S4 -21 COVER, REAR 9-A G, BOARD, COMPLE -11 CORD, POWER (W/C 7-1 TRANSFORMER, FB' 0-A B, BOARD COMPLET	0/35S45/37SL45) TE CONNECTOR) Γ ASSY NX-3005//J1C
9 A 10 * 11 12 * 13 14 A	4-046-765-01	NA324-M (KV-35S40/35S45/37SL49 WA BOARD, MOUNTED SCREW, TAPPING C BOARD, COMPLETE SPRING (B) TENSION COIL, DEMAGNETIC	5)	24 8-598-431 25 * A-1195-13 26 * A-1298-64 26 * A-1372-52 27 * A-1372-52 28 * A-1372-50 29 3-704-372	8-A P BOARD, COMPLET 5-A A, BOARD COMPLET 6-A A, BOARD COMPLET 3-A HV BOARD, COMPLE 7-A HS BOARD, COMPLE	E (KV-35S45/37SL45) E (KV-35S40) E (KV-35S45/37SL45) TE

The components identified by shading and " Δ " mark are critical for safety. Replace only with specified part number.

Les composants identifies per un trame et une marque ∆ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

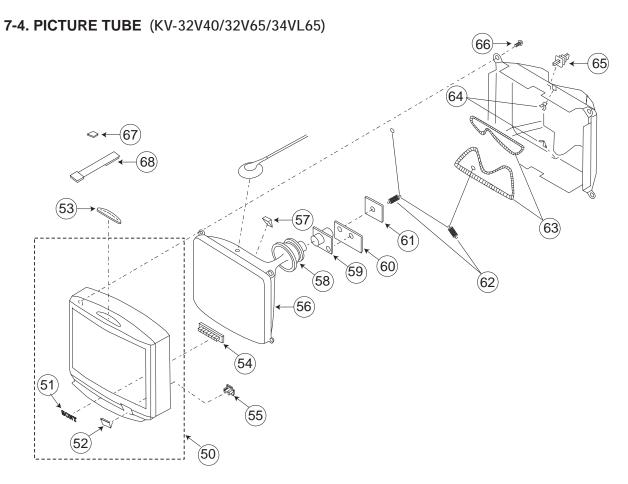
7-3. CHASSIS (KV-32V40/32V65/34VL65/35VL65C/35V65/37VL65/37VL65C)



REF.NO. PART I	NO. DESCRIPTION	REMARK	REF.NC). PART NO.	DESCRIPTION	REMARK
1 * A-1372-510	D-A HS BOARD, COMPLETE		15 *	A-1135-948-A	B BOARD, COMPLET	F (KV-32V40 ONLY)
2 * A-1372-50!		V-32V40 ONLY)	15 *	A-1135-949-A	B BOARD, COMPLET	,
2 * A-1372-509		, , ,	16 *	A-1380-585-A	K BOARD, MOUNTED	,
3 * A-1298-61	•					(2/10/21 1 111 0/21 10)
770 0		65C/32V65/34VL65)	17 *	A-1316-389-A	G BOARD, COMPLET	F (KV-32V40)
3 * A-1298-64	•		17 *	A-1316-390-A	G BOARD, COMPLET	\/
		5/37VL65/37VL65C)	17 *	A-1316-391-A	G BOARD, COMPLET	(
3 * A-1298-61	•	, I	17 *	A-1316-405-A	G BOARD, COMPLET	•
			17 *	A-1316-406-A	G BOARD, COMPLET	'
4 A 8-598-431-	-00 TUNER, FSS BTF-WA411					_ (*** *** ******)
5 △ 1-453-207-	11 TRANSFORMER, FBT ASS	Y NX-2609//X4C	18 △	1-751-059-11	CORD, POWER (WIT	H CONNECTOR)
	(KV-32V40/34VL65C/32V6	5/34VL65)	19	4-052-905-01	V5/6 BRACKET (KV-3	5V65/37VL65/37VL65C)
5 A X-4034-79	7-1 TRANSFORMER, FBT ASS	Y NX-3005//J1C	20	4-052-903-11	,	5V65/37VL65/37VL65C)
	(KV-35V65/37VL65/37VL65	(C)	20	4-053-766-21		2V65/34VL65C/34VL65)
6 * A-1195-138	B-A P BOARD, COMPLETE (EX	CEPT KV-32V40)	20	4-053-766-31	COVER, REAR (KV-32	•
7 * A-1298-612	•	, i			. ,	•
			21 *	4-052-898-41	LABEL, TERMINAL (E	XCEPT KV-32V40)
8 1 8-598-430-	-00 TUNER, FSS BTF-FA401 (E	EXCEPT 32V40)	21 *	4-052-899-31	LABEL, TERMINAL (k	•
9 * 1-556-056-	01 CABLE, P-P (EXCEPT KV-	32V40)	22	4-374-745-31	CUSHION (A) (KV-32V	40/34VL65C/32V65/34VL65)
10 * 1-557-945-	21 CABLE, P-P (EXCEPT KV-	32V40)	23	X-4035-400-1	BAFFLE ASSY (KV-32)	V40/34VL65C/32V65/34VL65)
11 1-766-374-	11 PLUG, F-PIN (KV-32V40 OI	NLY)	24	1-503-326-21	SPEAKER (8CM) (KV-	34VL65C/32V65/34VL65)
12 8-598-414-	00 ANTENNA SWITCH (KV-35V	65/37VL65/37VL65C)	24	1-504-524-31	SPEAKER (8CM) (KV-	32V40 ONLY)
13 * A-1394-90!	5-A UV BOARD,COMPLETE (K)	/-32V40 ONLY)	25	X-4035-401-1	COVER ASSY	
13 * A-1394-90	·	, I				4VL65C/32V65/34VL65)
14 3-696-606-	,	′ 1	26	1-505-684-11	SPEAKER UNIT, BOX	,

The components identified by shading and " Δ " mark are critical for safety. Replace only with specified part number.

Les composants identifies per un trame et une marque Δ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

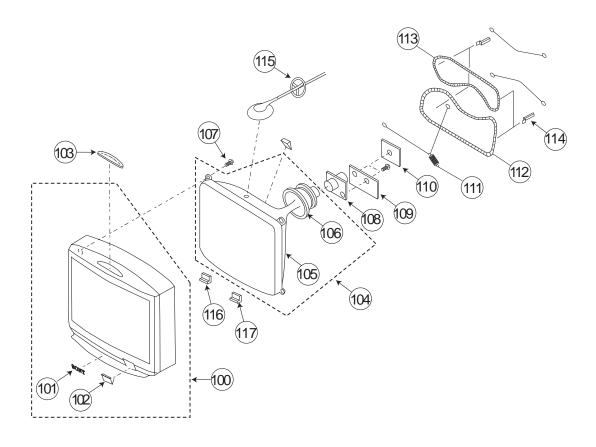


REF.NO. PART NO.	DESCRIPTION	REMARK	
50 X-4035-591-1	BEZNET ASSY (KV-	32V40 ONLY)	51,52
50 X-4035-592-1	•	34VL65C/32V65/34VL65)	51,52
51 4-046-160-01	EMBLEM, (NO.9) SO	ONY (KV-32V40 ONLY)	
52 4-052-906-01	DOOR, CONTROL (I	KV-32V40 ONLY)	
52 4-052-906-11	DOOR, CONTROL (I	EXCEPT KV-32V40)	
53 1-473-549-21	SWITCH, BLOCK CO	ONTROL (KV-34VL65C/32	2V65/34VL
54 4-052-907-11	BUTTON, MULTI (K	V-32V40 ONLY)	
55 * 4-052-897-01	GUIDE, LED		
56 △ 8-733-756-05	CRT 34FX2T A80JY	V52X (KV-34VL65C)	
56 ▲ 8-733-757-05	CRT34FX2T A80JY	V52X (KV-32V40/32V65/3	34VL65)
57 4-053-005-01	SPACER, DY		
58 🛦 8-451-482-21	DY Y34FXA2-X		
59 △ 1-452-579-21	NECK ASSY		
60 * A-1372-508-A	WB BOARD, MOUN	ITED	
61 * A-1331-837-A	C BOARD, COMPLE	ETE	
62 4-036-329-01	SPRING (B), TENSIO	ON	
63 1-402-952-11	COIL, DEMAGNETION	С	
64 4-371-629-01	STOPPER, WIRE		
65 4-033-681-01	HOLDER, LEAD		
66 4-041-268-01	SCREW (7), TAPPIN	G	
67 1-452-885-11	MAGNET, LANDING		
68 4-062-047-01	PIECE A (110), COR	R. CONV.	

The components identified by shading and " Δ " mark are critical for safety. Replace only with specified part number.

Les composants identifies per un trame et une marque Δ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

7-5. PICTURE TUBE (KV-35VL65C/35V65/37VL65/37VL65C)



REF.NO.	PART NO.	DESCRIPTION	REMARK
100	V 4005 504 4	DETNET AGOV	101 100
100	X-4035-594-1	BEZNET ASSY	101,102
101	4-046-160-01	EMBLEM, (NO. 9), SONY	
102	4-052-906-11	DOOR, CONTROL	
103	1-473-549-21	SWITCH, BLOCK CONTR	OL
104 🛭	8-733-761-61	ITC 37GXT-A1	105,106
105 🛭	8-733-761-05	CRT 37GXT	
106 🛭	8-451-480-11	DY Y37GXA-X	
107	4-046-765-01	SCREW, TAPPING	
108 🛭	8-453-007-11	NA324-M	
109	* A-1372-462-A	WA BOARD, MOUNTED	
110 *	A-1331-843-A	C BOARD, COMPLETE	
111	4-036-329-01	SPRING (B), TENSION	
112 🛭	1-411-882-11	COIL, DEMAGNETIC	
113 🛭	1-411-881-11	COIL, DEMAGNETIC	
114 *	4-052-900-02	HOLDER, DGC	
115	3-704-372-31	HOLDER, HV	
116	4-052-902-01	CRT SUPPORT (L)	
117	4-052-901-01	CRT SUPPORT (R)	
,		(,	

SECTION 8 ELECTRICAL PARTS LIST

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		ID/34VL65/35V65CND/37VL65/37VL65C/35S4	
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K BOARD <u>COMPLETE</u> PARTS LIS	T (KV-34VL65C/32V65CND/34VL6	55/35V65CND/37VL65/37VL65C only)	104
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SECTION 8

ELECTRICAL PARTS LIST (FOR S SERIES)

Note:

The components identified by shading and mark ∆ are critical for safety. Replace only with part number specified.

Note:

Les composants identifies per un trame et une marque ∆ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie. The components identified by ☑ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- · All resistors are in ohms
- F : nonflammable

CAPACITORS

• MF = μF

INDUCTORS

• UH = μ H, MMH = mH

When indicating parts by reference number, please include the board name.

REF.NO.	PART NO.	DESCRIPTION		DEN	IARK	REF.NO.	PART NO.	DESCRIPTION		REMA	7BK
KLI .NO.	TANTINO.	<u>DESCRIPTION</u>		<u>IXLII</u>	IAIN		I AIXT IIO.		DIANT DADTO		uu
\						C069 C070	1-126-967-11	VARIANT (SEE VAI ELECT	RIANT PARTS 47MF	20%	50V
						C070 C071	1-120-907-11	CERAMIC CHIP	471VIF 0.01MF	20%	50V 50V
	_					C071	1-164-161-11		0.01MF	10%	50V 50V
,	Δ-1298-630-	A A BOARD, CO	MPI FTF			C072 C075	1-104-101-11	CERAMIC CHIP	0.0022IVIF 0.47MF	10%	16V
	N 1270 000 1	(KV-32S40/34SL		nly)		C075	1-107-023-11	CERAINIC CHIP	U.47IVIF	10 /0	100
		A A BOARD, COI				C353	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
		A A BOARD, COI				C354	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
		A A BOARD, COI				C355	1-126-959-11	ELECT	0.47MF	20%	50V
,	° A-1298-661- <i>i</i>	A A BOARD, COI	MPLETE(KV	-34SL40T	only)	C356	1-126-963-11	ELECT	4.7MF	20%	50V
						C357	1-126-959-11	ELECT	0.47MF	20%	50V
	1-923-513-27	WIRE UL1007 AW	G22 180MM (GRY		C358	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	4-382-854-11	SCREW (M3X10),	P, SW (+)			C359	1-126-933-11	ELECT	100MF	20%	16V
						C363	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	CAPACITOR					C364	1-163-021-91		0.01MF	10%	50V
						C365	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C001	1-163-259-91	CERAMIC CHIP	220PF	5%	50V						
C003	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V	C366	1-130-495-00	FILM	0.1MF	5%	50V
C005	1-126-960-11	ELECT	1MF	20%	50V	C367	1-130-495-00	FILM	0.1MF	5%	50V
C009	1-126-967-11	ELECT	47MF	20%	50V	C368	1-130-495-00	FILM	0.1MF	5%	50V
C010	1-163-033-91	CERAMIC CHIP	0.022MF		50V	C369	1-163-243-11		47PF	5%	50V
						C370		VARIANT (SEE VA	RIANT PARTS		
C012	1-216-033-00	RES, CHIP	220	5%	1/10W			•		•	
C013	1-216-121-91	RES, CHIP	1M	5%	1/10W	C371	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V
C014	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	C372	1-126-959-11	ELECT	0.47MF	20%	50V
C023	1-163-259-91	CERAMIC CHIP	220PF	5%	50V	C373	1-126-960-11	ELECT	1MF	20%	50V
C028	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	C375		VARIANT (SEE VA	RIANT PARTS	LIST)	
0000	1 1/2 227 11	CEDAMIC CUID	10DE	0 FDF	FOV.	C376	1-126-964-11	ELECT	10MF	20%	50V
C029	1-163-227-11		10PF	0.5PF	50V						
C030	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V	C377	1-130-495-00	FILM	0.1MF	5%	50V
C035	1-163-237-11	CERAMIC CHIP	27PF	5%	50V	C378	1-130-495-00	FILM	0.1MF	5%	50V
C036	1-163-231-11	CERAMIC CHIP	15PF	5%	50V	C379	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C037	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	C380	1-126-935-11	ELECT	470MF	20%	16V
C020	1 1/2 2/2 11	CEDAMIC CUID	47DE	E0/	EOV	C381	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C038	1-163-243-11	CERAMIC CHIP	47PF 47PF	5%	50V						
C039 C040	1-163-243-11 1-163-243-11	CERAMIC CHIP CERAMIC CHIP	47PF 47PF	5% 5%	50V 50V	C383	1-130-495-00	FILM	0.1MF	5%	50V
						C385	1-164-182-11		0.0033MF	10%	50V
C051	1-164-004-11		0.1MF	10%	25V	C386	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C053	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C387	1-126-961-11		2.2MF	20%	50V
C056	1 162 2/2 11	CEDAMIC CUID	/7DF	5%	50V	C388	1-126-959-11	ELECT	0.47MF	20%	50V
C056	1-163-243-11 1-163-033-91	CERAMIC CHIP CERAMIC CHIP	47PF 0.022MF	370	50V 50V						
C061	1-163-033-91	CERAMIC CHIP	0.022MF		50V 50V	C390	1-126-960-11	ELECT	1MF	20%	50V
C062	1-103-033-91	ELECT	470MF	20%	16V	C391	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C068	1-120-733-11	VARIANT (SEE VAI			101	C392	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C000		VARIANT (SEE VAI	MANI PARIS	131)		ı					

Note:

S SERIES COMMON PARTS LISTING

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Les composants identifies per un trame et une marque ∆ sont critiques pout la securite. Ne les remplacer que par une piece portant le numero specifie.

C462	REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>	REF.NO.	PART NO.	DESCRIPTION		REM	<u>IARK</u>
CAGA 1-126-981-11 ELECT 2 2 2 2 2 5 0	C461	1-126-933-11	FLECT	100MF	20%	16V	C545	1-106-387-00	MYI AR	0 068MF	10%	200V
C444 1-14-3-01-10 ELECT 2.04F 29% 50V C541 1-10-3-3-00 MVLAR 0.001MF 10% 50V C466 1-10-4-66-11 ELECT 2.00MF 29% 25V C551 1-12-6-90-11 ELECT 47MF 20% 50V C468 1-10-4-66-11 ELECT 47MF 29% 50V C551 1-12-6-90-11 ELECT 47MF 20% 50V C468 1-10-4-66-11 ELECT 2.04F 20% 50V C554 1-12-9-90-11 ELECT 2.04F 20% 50V C564 1-12-9-90-11 ELECT 2.04F 20% 50V C564 1-12-9-90-11 ELECT 2.04F 20% 50V C564 1-12-9-90-11 ELECT 2.04F 20% 50V C565 1-12-9-90-11 ELECT 2.04F 20% 50V C565 1-12-9-90-11 ELECT 2.04F 20% 50V C566 1-12-9-90-11 ELECT 2.04F 20% 50V C571 1-10-4-60-11 ELECT 2.04F 20% 50V C571 1-12-9-90-11 ELECT 2.04F 2.05F 50V C572 1-12-9-90-11 ELECT 2.04F 2.05F 50V C572 1-12-9-90-11 ELE												
C466												
C466												
C467 1-163-017-00 CERAMIC CHIP 0.0047MF 10% 50V C564 1-126-994-11 ELECT 10MF 20% 50V C571 1-104-694-11 ELECT 22MF 20% 50V C565 1-126-994-11 ELECT 22MF 20% 50V C571 1-104-694-11 ELECT 22MF 20% 50V C565 1-126-994-11 ELECT 22MF 20% 50V C571 1-104-694-11 ELECT 22MF 20% 50V C565 1-126-994-11 ELECT 22MF 20% 50V C571 1-104-694-11 ELECT 22MF 20% 50V C571 1-104-694-11 ELECT 22MF 20% 50V C572 1-126-994-11 EL												
August A	C400	1-104-000-11	ELECT	ZZUIVIF	2070	237	C301	1-120-707-11	LLLGI	471011	2070	J0 V
1-126-961-11 ELECT 22MF 20% 50V C566 1-126-961-11 ELECT 22MF 20% 50V C472 1-136-173-00 FILM 0.47MF 5% 50V C566 1-126-961-11 ELECT 10MF 20% 50V C474 1-126-142-61 ELECT 10MF 20% 50V C476 1-126-142-61 ELECT 10MF 20%												
1-104-666-11 LIECT 200#F 20% 25V C566 1-126-96-11 LIECT 100#F 20% 50V												
C472												
C473 1-136-169-00 FILM 0.22MF 5% 50V C1002 1-126-964-11 ELECT 47MF 20% 25V C1002 1-126-964-11 ELECT 10MF 20% 50V C475 1-136-169-00 FILM 0.22MF 5% 50V C1100 1-126-786-11 ELECT 220MF 20% 50V C476 1-126-942-61 ELECT 1000MF 20% 25V C1100 1-126-786-11 ELECT 220MF 20% 50V C477 1-126-942-61 ELECT 1000MF 20% 25V C1100 1-126-786-11 ELECT 220MF 20% 50V C477 1-126-942-61 ELECT 1000MF 20% 25V C1100 1-126-961-11 ELECT 220MF 20% 50V C477 1-126-942-61 ELECT 1000MF 20% 25V C1100 1-126-961-11 ELECT 47MF 20% 16V C502 1-126-959-11 ELECT 1000MF 20% 50V C1100 1-126-961-11 ELECT 47MF 20% 16V C502 1-126-959-11 ELECT 1000MF 20% 50V C1100 1-126-961-11 ELECT 47MF 20% 50V C1006 1-126-961-11 ELECT 320MF 20% 50V C1006 1-126-961-11 ELECT 10MF 20% 50V C1007 1-136-300-31 CERAMIC CHIP 330PF 10% 50V C1100 1-126-96-11 ELECT 10MF 20% 50V C505 1-102-202-00 CERAMIC CHIP 820PF 10% 500V C1100 1-126-96-11 ELECT 10MF 20% 50V C505 1-102-302-00 CERAMIC CHIP 680PF 10% 500V C1100 1-126-322-11 CERAMIC CHIP 10PF 0.5PF 50V C506 1-102-321-00 CERAMIC CHIP 680PF 10% 2KV C1110 1-163-322-11 CERAMIC CHIP 10PF 0.5PF 50V C506 1-102-321-00 CERAMIC CHIP 680PF 10% 2KV C1110 1-163-322-11 CERAMIC CHIP 10PF 0.5PF 50V C506 1-102-320-00 CERAMIC CHIP 680PF 10% 2KV C1110 1-163-322-11 CERAMIC CHIP 10PF 0.5PF 50V C506 1-102-320-00 CERAMIC CHIP 680PF 10% 2KV C1110 1-163-322-11 CERAMIC CHIP 10PF 0.5PF 50V C506 1-102-320-00 CERAMIC CHIP 680PF 10% 2KV C1236 1-163-331-10 CERAMIC CHIP 10PF 0.5PF 50V C506 1-102-320-00 CERAMIC CHIP 680PF 10% 2KV C1236 1-133-361-10 CERAMIC CHIP 10PF 0.5PF 50V C506 1-102-320-00 CERAMIC CHIP 680PF 10% 2KV C1236 1-136-361-00 FILM 0.047MF 5% 50V C506 1-103-33-00 MYLAR 0.01MF 10% 100V C1237 1-136-161-00 FILM 0.047MF 5% 50V C506 1-103-33-00 MYLAR 0.01MF 10% 100V C1237 1-136-161-00 FILM 0.047MF 5% 50V C506 1-103-33-00 MYLAR 0.01MF 10% 50V C1241 1-126-96-11 ELECT 1MF 20% 50V C506 1-102-34-00 CERAMIC CHIP 80PF 10% 2KV C1236 1-126-96-11 ELECT 1MF 20% 50V C506 1-102-34-00 CERAMIC CHIP 80PF 10% 2KV C1236 1-126-96-11 ELECT 1MF 20% 50V C506 1-102-34-00 CERAMIC CHIP 8												
1-126-942-61 ELECT 1000MF 20% 25V C1002 1-126-964-11 ELECT 200MF 20% 50V C476 1-126-942-61 ELECT 1000MF 20% 25V C1010 1-126-961-11 ELECT 220MF 20% 50V C477 1-126-942-61 ELECT 1000MF 20% 25V C1010 1-126-961-11 ELECT 220MF 20% 50V C477 1-126-942-61 ELECT 1000MF 20% 25V C1010 1-126-961-11 ELECT 47MF 20% 50V C502 1-126-992-11 ELECT 0.47MF 20% 50V C105 1-163-299-11 ELECT 0.47MF 20% 50V C503 1-163-303-11 CERAMIC CHIP 330PF 10% 50V C1100 1-126-961-11 ELECT 10MF 20% 50V C503 1-163-303-11 CERAMIC CHIP 330PF 10% 50V C1100 1-126-961-11 ELECT 10MF 20% 50V C505 1-102-200-0 CERAMIC CHIP 830PF 10% 50V C1100 1-126-961-11 ELECT 10MF 20% 50V C505 1-102-212-0 CERAMIC CHIP 830PF 10% 50V C1100 1-126-961-11 ELECT 10MF 20% 50V C507 1-162-116-0 CERAMIC CHIP 80PF 10% 50V C1101 1-126-961-11 ELECT 10MF 20% 50V C507 1-162-116-0 CERAMIC CHIP 80PF 10% 50V C1101 1-126-961-11 ELECT 10MF 20% 50V C507 1-162-116-0 CERAMIC CHIP 80PF 10% 50V C1101 1-163-227-11 CERAMIC CHIP 10PF 0.5PF 50V C509 1-162-116-0 CERAMIC CHIP 80PF 10% 50V C1120 1-163-227-11 CERAMIC CHIP 10PF 0.5PF 50V C100 1-137-150-11 MVLAR 0.01MF 10% 100V C1237 1-136-16-00 ELECT 0.04MF 5% 50V C100 1-126-961-11 ELECT 0.04MF 5% 50V C100 0.04MF 5% 50V C1	C472	1-136-173-00	FILM	0.47MF	5%	50V	C568	1-136-169-00	FILM	0.22IVIF	5%	50V
C476												
C476												
C477												
C501		1-126-942-61			20%							
C502	C477	1-126-942-61	ELECT	1000MF	20%	25V	C1104	1-104-664-11	ELECT	47MF	20%	16V
C504	C501	1-163-259-91	CERAMIC CHIP	220PF	5%	50V	C1105				20%	
C505	C502	1-126-959-11	ELECT	0.47MF	20%	50V	C1106	1-126-964-11	ELECT	10MF	20%	50V
C505	C503	1-163-003-11	CERAMIC CHIP	330PF	10%	50V	C1107	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C506 1-106-383-00 MYLAR 0.047MF 10% 200V C1110 1-163-227-11 CERAMIC CHIP 10PF 0.5PF 50V C509 1-162-116-00 CERAMIC CHIP 220PF 10% 2KV C1111 1-163-227-11 CERAMIC CHIP 10PF 0.5PF 50V C509 1-162-116-00 CERAMIC CHIP 220PF 10% 2KV C1236 1-163-227-11 CERAMIC CHIP 10PF 0.5PF 50V C509 1-162-116-00 CERAMIC CHIP 0.01MF 50V C1236 1-163-237-11 CERAMIC CHIP 0.01MF 50V C1236 1-163-267-11 CERAMIC CHIP 0.01MF 50V C1236 1-163-267-11 ELECT 10MF 20% 50V C1239 1-126-960-11 ELECT 10MF 20% 50V C1245 1-163-961-11 ELECT 10MF 20% 50V C1245 1-163-961-11 ELECT 10MF 20% 50V C1245 1-163-951-11 CERAMIC CHIP 47PF 5% 500V C1244 1-126-960-11 ELECT 0.47MF 20% 50V C1245 1-163-951-11 ELECT 0.47MF 20% 50V C1245 1-162-959-11 ELECT 0.47MF 20% 50V C1256 1-107-662-11 ELECT 10MF 20% 50V C1264 1-126-960-11 ELECT 10MF 20% 50V C1265 1-104-664-11 ELECT 0.47MF 20% 50V C1266 1-107-662-11 ELECT 10MF 20% 50V C1266 1-163-251-11 CERAMIC CHIP 0.0022MF 5% 50V C1266 1-126-960-11 ELECT 10MF 20% 50V C1266	C504	1-102-212-00	CERAMIC CHIP	820PF	10%	500V	C1108	1-126-960-11	ELECT	1MF	20%	50V
C507	C505	1-102-002-00	CERAMIC CHIP	680PF	10%	500V	C1109	1-126-964-11	ELECT	10MF	20%	50V
C507	CEU4	1 104 202 00	MVLAD	0.047ME	100/	2001/	C1110	1 162 227 11	CEDAMIC CHID	10DE	O EDE	EOV.
C508												
C509												
C510											0.5PF	
C511											5%	
C513	C310	1-13/-130-11	WITLAK	U.U HVIF			01237	1-130-101-00	I ILIVI	0.0471111	370	J0 V
C514	C511 △	1-115-460-11	FILM	0.022MF	3%	1.2KV		1-136-161-00		0.047MF		
C515	C513		VARIANT (SEE VAI	RIANT PARTS	LIST)		C1239	1-126-960-11	ELECT	1MF	20%	50V
C516	C514		VARIANT (SEE VAI	RIANT PARTS	LIST)		C1240	1-126-960-11				50V
C517 1-107-649-11 ELECT 2.2MF 20% 250V C1243 VARIANT (SEE VARIANT PARTS LIST)	C515	1-106-343-00	MYLAR	0.001MF	10%	100V						
C518	C516	1-115-461-11	FILM	2MF	5%	200V	C1242		VARIANT (SEE VAI	RIANT PARTS	S LIST)	
C519	C517	1-107-649-11	ELECT	2.2MF	20%	250V			VARIANT (SEE VAI	RIANT PARTS	S LIST)	
C520 VARIANT (SEE VARIANT PARTS LIST) C521 VARIANT (SEE VARIANT PARTS LIST) C522 1-126-960-11 ELECT 1MF 20% 50V C525 1-102-244-00 CERAMIC CHIP 220PF 10% 500V C526 1-107-662-11 ELECT 22MF 20% 250V C527 1-162-116-00 CERAMIC CHIP 680PF 10% 2KV C528 1-164-161-11 CERAMIC CHIP 0.0022MF 10% 50V C529 1-128-551-11 ELECT 22MF 20% 25V C530 1-137-366-11 FILM 0.0022MF 5% 50V C531 1-126-965-11 ELECT 22MF 20% 25V C532 1-126-965-11 ELECT 22MF 20% 25V C533 1-126-965-11 ELECT 22MF 20% 50V C530 1-137-366-11 FILM 0.0022MF 5% 50V C531 1-126-965-11 ELECT 22MF 20% 50V C532 1-126-965-11 ELECT 22MF 20% 50V C533 1-126-965-11 ELECT 22MF 20% 50V C534 1-126-965-11 ELECT 22MF 20% 50V C535 1-126-965-11 ELECT 22MF 20% 50V C536 1-126-965-11 ELECT 22MF 20% 50V C537 VARIANT (SEE VARIANT PARTS LIST) C539 VARIANT (SEE VARIANT PARTS LIST) C540 1-128-560-11 ELECT 33MF 160V C540 1-128-560-11 ELECT 22MF 20% 50V C540 1-128-560-11 ELECT 22MF 20% 100V C540 1-128-560-11 ELECT 22MF 20% 50V C540 1-128-560-11 ELECT 22MF 20% 100V C540 1-128-560-11 ELECT 22MF 20% 50V C541 1-128-560-11 ELECT 22MF 20% 50V C540 1-128-560-11 ELECT 33MF 160V C640 1-128-560-11 ELECT 22MF 20% 50V	C518	1-106-395-00	MYLAR	0.15MF	10%	200V	C1244	1-126-959-11		0.47MF	20%	50V
C521 VARIANT (SEE VARIANT PARTS LIST) C1262 1-104-664-11 ELECT 47MF 20% 16V C522 1-126-960-11 ELECT 1MF 20% 50V C525 1-102-244-00 CERAMIC CHIP 220PF 10% 500V C526 1-107-662-11 ELECT 22MF 20% 250V C527 1-162-116-00 CERAMIC CHIP 680PF 10% 2KV C528 1-164-161-11 CERAMIC CHIP 0.0022MF 10% 50V C529 1-128-551-11 ELECT 22MF 20% 25V C530 1-137-366-11 FILM 0.0022MF 5% 50V C531 1-126-965-11 ELECT 22MF 20% 50V C532 1-126-965-11 ELECT 22MF 20% 50V C533 1-126-965-11 ELECT 22MF 20% 50V C534 1-126-965-11 ELECT 22MF 20% 50V C537 VARIANT (SEE VARIANT PARTS LIST) C539 VARIANT (SEE VARIANT PARTS LIST) C540 1-123-024-21 ELECT 33MF 160V C540 1-123-024-21 ELECT 33MF 160V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V C540 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V C540 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V C1403 1-126-959-11 ELECT 0.47MF 20% 50V C1403 1-126-959-11 ELECT 0.47MF 20% 50V	C519	1-162-815-11	CERAMIC CHIP	47PF	5%	500V	C1245	1-126-959-11	ELECT	0.47MF	20%	50V
C522 1-126-960-11 ELECT 1MF 20% 50V C1263 1-126-960-11 ELECT 1MF 20% 50V C525 1-102-244-00 CERAMIC CHIP 220PF 10% 500V C1264 1-126-960-11 ELECT 1MF 20% 50V C526 1-107-662-11 ELECT 22MF 20% 250V C1267 1-136-161-00 FILM 0.047MF 5% 50V C527 1-162-116-00 CERAMIC CHIP 680PF 10% 2KV C1268 1-126-960-11 ELECT 1MF 20% 50V C528 1-164-161-11 CERAMIC CHIP 0.0022MF 10% 50V C1269 1-126-960-11 ELECT 1MF 20% 50V C528 1-126-95-11 ELECT 22MF 20% 25V C1269 1-126-960-11 ELECT 1MF 20% 50V C530 1-137-366-11 FILM 0.0022MF 5% 50V C1351 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C531 1-126-965-11 ELECT 22MF 20% 50V C1351 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C532 1-126-965-11 ELECT 22MF 20% 50V C1352 1-126-933-11 ELECT 100MF 20% 16V C532 1-126-965-11 ELECT 22MF 20% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1354 1-216-295-91 SHORT C539 VARIANT (SEE VARIANT PARTS LIST) C1401 1-126-959-11 ELECT 0.47MF 20% 50V C1364 1-216-295-91 ELECT 47MF 20% 50V C1364 1-128-560-11 ELECT 22MF 20% 100V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V C1403 1-126-959-11 EL	C520		VARIANT (SEE VAI	RIANT PARTS	LIST)		C1261	1-104-664-11	ELECT	47MF	20%	16V
C525 1-102-244-00 CERAMIC CHIP 220FF 10% 500V C1264 1-126-960-11 ELECT 1MF 20% 50V C526 1-107-662-11 ELECT 22MF 20% 250V C1267 1-136-161-00 FILM 0.047MF 5% 50V C527 1-162-116-00 CERAMIC CHIP 680PF 10% 2KV C1268 1-126-960-11 ELECT 1MF 20% 50V C528 1-164-161-11 CERAMIC CHIP 0.0022MF 10% 50V C1269 1-126-960-11 ELECT 1MF 20% 50V C529 1-128-551-11 ELECT 22MF 20% 25V C1293 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C530 1-137-366-11 FILM 0.0022MF 5% 50V C1351 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C531 1-126-965-11 ELECT 22MF 20% 50V C1352 1-126-933-11 ELECT 100MF 20% 16V C532 1-126-965-11 ELECT 22MF 20% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1353 1-163-037-11 CERAMIC CHIP 0.0022MF 10% 50V C1353 1-163-037-11 CERAMIC CHIP 0.002MF 10% 50V C1354 1-216-959-91 SHORT C539 VARIANT (SEE VARIANT PARTS LIST) C1401 1-126-959-11 ELECT 0.47MF 20% 50V C1354 1-216-295-91 SHORT	C521		VARIANT (SEE VAI	RIANT PARTS	LIST)		C1262	1-104-664-11	ELECT	47MF	20%	16V
C525 1-102-244-00 CERAMIC CHIP 220FF 10% 500V C1264 1-126-960-11 ELECT 1MF 20% 50V C526 1-107-662-11 ELECT 22MF 20% 250V C1267 1-136-161-00 FILM 0.047MF 5% 50V C527 1-162-116-00 CERAMIC CHIP 680PF 10% 2KV C1268 1-126-960-11 ELECT 1MF 20% 50V C528 1-164-161-11 CERAMIC CHIP 0.0022MF 10% 50V C1269 1-126-960-11 ELECT 1MF 20% 50V C529 1-128-551-11 ELECT 22MF 20% 25V C1293 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C530 1-137-366-11 FILM 0.0022MF 5% 50V C1351 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C531 1-126-965-11 ELECT 22MF 20% 50V C1352 1-126-933-11	C522	1-126-960-11	ELECT	1MF	20%	50V	C1263	1-126-960-11	ELECT	1MF	20%	50V
C527 1-162-116-00 CERAMIC CHIP 680PF 10% 2KV C1268 1-126-960-11 ELECT 1MF 20% 50V C528 1-164-161-11 CERAMIC CHIP 0.0022MF 10% 50V C1269 1-126-960-11 ELECT 1MF 20% 50V C529 1-128-551-11 ELECT 22MF 20% 25V C1293 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C530 1-137-366-11 FILM 0.0022MF 5% 50V C1351 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C531 1-126-965-11 ELECT 22MF 20% 50V C1352 1-126-933-11 ELECT 100MF 20% 16V C532 1-126-965-11 ELECT 22MF 20% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1354 1-216-295-91 SHORT C539 VARIANT (SEE VARIANT PARTS LIST) C1401 1-126-959-11 ELECT 0.47MF 20% 50V C1354 1-128-560-11 ELECT 22MF 20% 160V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V	C525	1-102-244-00	CERAMIC CHIP	220PF	10%	500V	C1264	1-126-960-11	ELECT	1MF	20%	50V
C528 1-164-161-11 CERAMIC CHIP 0.0022MF 10% 50V C1269 1-126-960-11 ELECT 1MF 20% 50V C529 1-128-551-11 ELECT 22MF 20% 25V C1293 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C530 1-137-366-11 FILM 0.0022MF 5% 50V C1351 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C531 1-126-965-11 ELECT 22MF 20% 50V C1352 1-126-933-11 ELECT 100MF 20% 16V C532 1-126-965-11 ELECT 22MF 20% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C537 VARIANT (SEE VARIANT PARTS LIST) C1354 1-216-295-91 SHORT C539 VARIANT (SEE VARIANT PARTS LIST) C1401 1-126-959-11 ELECT 0.47MF 20% 50V C540 1-123-024-21 ELECT 33MF 160V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V	C526	1-107-662-11	ELECT	22MF	20%	250V	C1267	1-136-161-00	FILM	0.047MF	5%	50V
C529 1-128-551-11 ELECT 22MF 20% 25V C1293 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C1351 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C1351 1-126-965-11 ELECT 22MF 20% 50V C1352 1-126-933-11 ELECT 100MF 20% 16V C532 1-126-965-11 ELECT 22MF 20% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1354 1-216-295-91 SHORT C539 VARIANT (SEE VARIANT PARTS LIST) C1401 1-126-959-11 ELECT 0.47MF 20% 50V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V	C527	1-162-116-00	CERAMIC CHIP	680PF	10%	2KV	C1268	1-126-960-11	ELECT	1MF	20%	50V
C530 1-137-366-11 FILM 0.0022MF 5% 50V C1351 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C531 1-126-965-11 ELECT 22MF 20% 50V C1352 1-126-933-11 ELECT 100MF 20% 16V C532 1-126-965-11 ELECT 22MF 20% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1354 1-216-295-91 SHORT C539 VARIANT (SEE VARIANT PARTS LIST) C1401 1-126-959-11 ELECT 0.47MF 20% 50V C540 1-123-024-21 ELECT 33MF 160V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V					10%		C1269	1-126-960-11	ELECT	1MF	20%	50V
C530 1-137-366-11 FILM 0.0022MF 5% 50V C1351 1-163-251-11 CERAMIC CHIP 100PF 5% 50V C531 1-126-965-11 ELECT 22MF 20% 50V C1352 1-126-933-11 ELECT 100MF 20% 16V C532 1-126-965-11 ELECT 22MF 20% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1354 1-216-295-91 SHORT C539 VARIANT (SEE VARIANT PARTS LIST) C1401 1-126-959-11 ELECT 0.47MF 20% 50V C540 1-123-024-21 ELECT 33MF 160V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V	C529	1-128-551-11	ELECT	22MF	20%	25V	C1293	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C531 1-126-965-11 ELECT 22MF 20% 50V C1352 1-126-933-11 ELECT 100MF 20% 16V C532 1-126-965-11 ELECT 22MF 20% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1354 1-216-295-91 SHORT C539 VARIANT (SEE VARIANT PARTS LIST) C540 1-123-024-21 ELECT 33MF 160V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V												
C532 1-126-965-11 ELECT 22MF 20% 50V C1353 1-163-037-11 CERAMIC CHIP 0.022MF 10% 50V C1354 1-216-295-91 SHORT C539 VARIANT (SEE VARIANT PARTS LIST) C540 1-123-024-21 ELECT 33MF 160V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V												
C537 VARIANT (SEE VARIANT PARTS LIST) C1354 1-216-295-91 SHORT C539 VARIANT (SEE VARIANT PARTS LIST) C540 1-123-024-21 ELECT 33MF 160V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V												
C540 1-123-024-21 ELECT 33MF 160V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V						-						-
C540 1-123-024-21 ELECT 33MF 160V C1402 1-104-664-11 ELECT 47MF 20% 25V C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V	C539		VARIANT (SFF VAI	RIANT PARTS	LIST)		C1401	1-126-959-11	ELECT	0.47MF	20%	50V
C541 1-128-560-11 ELECT 22MF 20% 100V C1403 1-126-959-11 ELECT 0.47MF 20% 50V		1-123-024-21	•		,	160V						
					20%							

D507

8-719-991-33 DIODE 1SS133T-77

Note:

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Note:

Les composants identifies per un trame et une marque ▲ sont critiques pout la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.	PART NO.	DESCRIPTION		REI	MARK	REF.NO.	PART NO.	DESCRIPTION	<u>REMARK</u>
C1405	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	D515	8-719-302-43	DIODE EL1Z	
C1406	1-126-956-91		0.1MF	20%	50V	D516	8-719-991-33		
C1407		CERAMIC CHIP	0.0047MF	10%	50V	D518	8-719-991-33		
C1408	1-126-963-11		4.7MF	20%	50V	D519 △	8-719-302-43	DIODE EL1Z	
C1409	1-126-963-11		4.7MF	20%	50V	D520	8-719-991-33	DIODE 1SS133T-77	
C1410	1-126-956-91	ELECT	0.1MF	20%	50V	D521	8-719-921-63	DIODE MTZJ-7.5B	
C1411		CERAMIC CHIP	0.1MF		50V	D530	8-719-979-85	DIODE EGP20G	
C1413	1-126-963-11	ELECT	4.7MF	20%	50V	D531	8-719-979-85		
C1415	1-126-964-11	ELECT	10MF	20%	50V	D534	8-719-302-43		
C1416	1-126-963-11	ELECT	4.7MF	20%	50V	D561	8-719-908-03	DIODE GP08D	
C1417	1-126-767-11	ELECT	1000MF	20%	16V	D562	8-719-991-33	DIODE 1SS133T-77	
C1420	1-126-963-11	ELECT	4.7MF	20%	50V	D1102	8-719-982-24		
C1501		VARIANT (SEE VAI	RIANT PARTS	S LIST)		D1103	8-719-109-89		
						D1247	8-719-110-17		
	CONNECTO	<u>R</u>				D1248	8-719-981-99	DIODE MTZJ-3.3	
CN270	1-573-298-11	CONNECTOR, BO	ARD TO BOA	RD 20P		D1261	8-719-110-17		
CN351 *	1-564-509-11	PLUG, CONNECTO	OR 6P			D1262	8-719-110-17		
CN461 *	1-564-507-11	PLUG, CONNECTO	OR 4P			D1263	8-719-110-17		
CN501 *	1-580-798-11	CONNECTOR 6P				D1264	8-719-110-17	DIODE RD10ESB2	
CN503 *	1-564-508-11	PLUG, CONNECTO	OR 5P				FERRITE BE	<u>AD</u>	
CN1001		VARIANT (SEE VAI	RIANT PARTS	S LIST)					
CN1641	* 1-564-515-11	PLUG, CONNECTO	OR 12P			FB501		FERRITE 0.45UH	
	* 1-564-508-11					FB502	1-410-397-21		
CN3001		VARIANT (SEE VAI	RIANT PARTS	S LIST)		FB503	1-410-397-21	FERRITE 1.1UH	
	<u>DIODE</u>						<u>IC</u>		
D001	8-719-991-33	DIODE 1SS133T-7	17			IC001	8-752-897-18	IC CXP85840A-011S	
D002	8-719-109-89					IC002	8-759-527-74	IC M24C02-MN6T	
D003	8-719-991-33	DIODE 1SS133T-7				IC003		VARIANT (SEE VARIANT F	PARTS LIST)
D004	8-719-110-17					IC351	8-752-082-73	IC CXA2095S	
D005		VARIANT (SEE VAI	RIANT PARTS	S LIST)		IC461	8-759-980-43	IC TDA2009A	
D006		VARIANT (SEE VAI	RIANT PARTS	S LIST)		IC501	8-759-700-07	IC NJM2903M	
D011	8-719-983-20			,		IC561	8-759-980-58	IC TDA8172	
D013	8-719-991-33	DIODE 1SS133T-7				IC1261		VARIANT (SEE VARIANT F	PARTS LIST)
D014	8-719-991-33	DIODE 1SS133T-7	17			IC1401	8-752-072-39	IC CXA2021S	
D015	8-719-991-33	DIODE 1SS133T-7	17			IC1402	8-759-100-96	IC UPC4558G2	
D353	8-719-991-33						<u>JACK</u>		
D356	8-719-991-33	DIODE 1SS133T-7				14000	4 774 754 44	TEDMINIAL DI COM C	
D360	8-719-110-17	DIODE RD10ESB2				J1232	1-774-751-11		DADTO LICT\
D362	8-719-991-33	DIODE 1SS133T-7				J1233	1 774 750 11	VARIANT (SEE VARIANT F	PARTS LIST)
D368		VARIANT (SEE VAI	RIANT PARTS	S LIST)		J1234	1-774-750-11	JACK BLOCK, PIN	
D462	8-719-991-33	DIODE 1SS133T-7					CHIP COND	<u>UCTOR</u>	
D501	8-719-109-89					ID254		VADIANT (CEE VADIANT S	DADTO LICT\
D502	8-719-945-80	DIODE ERC06-15				JR351		VARIANT (SEE VARIANT F	•
D503	8-719-945-80	DIODE ERCO6-15				JR352	1 214 205 01	VARIANT (SEE VARIANT F	-AK12 LI21)
D504	8-719-900-26	DIODE ERD29-08.	J			JR501 JR1264	1-216-295-91	SHORT Variant (See Variant F	OADTS LIST)
D505	Q 710 000 02	DIODE GP08D				JR1204 JR1450	1-216-295-91	•	ANTO LIGI)
D505 D506	8-719-908-03 8-719-908-03	DIODE GP08D				JR1451	1-216-275-71		
D500		DIODE GPOOD	רו			3,1,101	7 210 270 71	5.10111	

The components identified with shading and a critical symbol (∆) are critical for safety. Replace only with part number specified.

Note:

Les composants identifies per un trame et une marque ∆ sont critiques pout la securite. Ne les remplacer que par une piece portant le numero specifie.

S SERIES COMMON PARTS LISTING



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION		RE	MARK
JR1454	1-216-295-91	SHORT		Q462	8-729-216-22	TRANSISTOR	2SA1162-G		
JR1455	1-216-295-91	SHORT		Q501	8-729-140-50	TRANSISTOR	2SC3209LK		
JR1801	1-216-295-91	SHORT		Q502 A	8-729-035-75	TRANSISTOR	2SC5148(LBSON	IY)	
JR1802	1-216-295-91	SHORT				TRANSISTOR	•	•	
JR1803	1-216-295-91	SHORT		Q512 A	8-729-809-29	TRANSISTOR	2SC4159-E		
JR1804	1-216-295-91	SHORT		Q551	0 720 216 22	TRANSISTOR	25V1175		
JR4120	1-216-295-91			Q552		TRANSISTOR			
31(1120	1 210 270 71	SHORT		Q561		TRANSISTOR			
	COIL			Q562		TRANSISTOR			
	OOIL			Q563		TRANSISTOR			
L001	1-408-421-00								
L002	1-408-421-00			Q1102	8-729-119-78	TRANSISTOR	2SC2785-HFE		
L003	1-410-470-11	INDUCTOR 10UH		Q1103	8-729-422-27	TRANSISTOR	2SD601A-QRS-T	Χ	
L004	1-410-470-11	INDUCTOR 10UH		Q1231	8-729-422-27	TRANSISTOR	2SD601A-Q		
L352	1-412-537-31	INDUCTOR 100UH		Q1232	8-729-422-27	TRANSISTOR	2SD601A-Q		
				Q1261	8-729-216-22	TRANSISTOR	2SA1162-G		
L461	1-408-602-31								
L501 ∆	1-411-976-11	COIL, HORIZONTAL LII	NEARITY	Q1262	8-729-216-22	TRANSISTOR	2SA1162-G		
L502	1-412-552-11	INDUCTOR 2.2MMH		Q1263		TRANSISTOR			
L503	1-406-677-11	INDUCTOR							
L511	1-406-607-41	INDUCTOR			<u>RESISTOR</u>				
L517	1-412-552-11	INDUCTOR 2.2MMH		R001	1-216-045-00	DEC CHID	680	5%	1/10W
L541	1 112 002 11	VARIANT (SEE VARIANT	PARTS LIST)	R002	1-247-815-91		220	5%	1/10W
L1101	1-408-421-00	•	TARTO LIST)		1-247-613-91		100K	5%	1/4VV 1/10W
L1102	1-410-470-11			R003 R004	1-216-097-91		100K 1M		1/10W
L1401	1-410-494-11			R004 R007	1-216-073-00		10K	5% 5%	1/10W
				1007				370	17 10 10
	<u>IC LINK</u>			R009	1-216-073-00		10K	5%	1/10W
DC4/1 /	1 500 004 11	LINIK 10 24/00V		R010	1-216-037-00		330	5%	1/10W
P5401 A	1-532-984-11	LINK, IC 2A/90V		R011	1-216-065-91		4.7K	5%	1/10W
	TRANSISTO	R		R012 R013	1-216-065-91		VARIANT PARTS 4.7K	LIST) 5%	1/10W
	INAIVOIO	<u>K</u>		KUIS	1-210-003-71	KES, CHIP	4./K	370	1/1000
Q001		TRANSISTOR 2SA1162		R014	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
Q002		TRANSISTOR 2SD601A		R015	1-216-073-00	RES, CHIP	10K	5%	1/10W
Q003	8-729-422-27	TRANSISTOR 2SD601A		R016	1-216-073-00	RES, CHIP	10K	5%	1/10W
Q004	8-729-216-22			R019	1-249-425-11	CARBON	4.7K	5%	1/4W
Q010	8-729-422-27	TRANSISTOR 2SD601A	I-Q	R020	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
Q011	8-729-422-27	TRANSISTOR 2SD601	I-Q	R022		VARIANT (SFF	VARIANT PARTS	LIST)	
Q012	8-729-422-27			R023	1-216-089-91	RES, CHIP	47K	5%	1/10W
Q013	8-729-422-27	TRANSISTOR 2SD601A	I-Q	R024	1-249-381-11	CARBON	1	5%	1/4W
Q014	8-729-422-27			R025	1-163-010-11	CERAMIC CHI		10%	50V
Q015	8-729-422-27			R026	1-163-038-91	CERAMIC CHI		1070	25V
0014	0 720 422 27	TDANICISTOD 2SD401/	. 0	D007	1 0 10 000 11	0.455011		5 07	4400
Q016	8-729-422-27			R027	1-249-389-11	CARBON	4.7	5%	1/4W
Q017	8-729-216-22			R028	1-249-417-11	CARBON	1K	5%	1/4W
Q301	8-729-216-22			R029	1-216-025-91	RES, CHIP	100	5%	1/10W
Q302 Q303	8-729-216-22 8-729-216-22			R030 R031	1-249-425-11	CARBON VARIANT (SEE	4.7K VARIANT PARTS	5% LIST)	1/4W
				1001				_101)	
Q354	8-729-422-27			R032	1-247-815-91	CARBON	220	5%	1/4W
Q356	8-729-216-22			R036	1-216-049-91	RES, CHIP	1K	5%	1/10W
Q357	8-729-422-27			R037	1-216-049-91	RES, CHIP	1K	5%	1/10W
	8-729-422-27	TRANSISTOR 2SD601A	L-O	I Dogo	1-216-049-91	RES,CHIP	1K	E0/	1/10W
Q358 Q461	8-729-422-27			R038	1-210-047-71	KL3,CITIF	IN	5%	I/ IUW

RO46 1-247-815-91 CARBON 220 5% 1/4W R135 1-216-073-00 RES, CHIP R049 1-249-417-11 CARBON 1K 5% 1/4W R136 1-216-097-91 RES, CHIP R049 1-249-417-11 CARBON 1K 5% 1/4W R136 1-216-097-91 RES, CHIP R053 1-208-788-11 RES, CHIP R053 1-216-061-00 RES, CHIP 3.3K 5% 1/10W R353 1-208-788-11 RES, CHIP R053 1-216-061-00 RES, CHIP 3.3K 5% 1/10W R355 1-216-033-00 RES, CHIP R054 1-216-061-00 RES, CHIP 3.3K 5% 1/10W R355 1-216-033-00 RES, CHIP R055 1-216-097-91 RES, CHIP 220 5% 1/10W R356 1-216-033-00 RES, CHIP RES, CHI		KEIN	<u>IARK</u>
RO49	390	5%	1/10W
RO48 1-249-417-11 CARBON 1K 5% 1/4W R137 1-216-049-91 RES, CHIP RO49 1-249-417-11 CARBON 1K 5% 1/4W R353 1-208-788-11 RES, CHIP RES, CHIP RO53 1-216-061-00 RES, CHIP 3.3K 5% 1/10W R355 1-216-033-00 RES, CHIP RES,	10K	5%	1/10W
R049 1-249-417-11 CARBON 1K 5% 1/4W R353 1-208-788-11 RES, CHIP R052 1-216-061-00 RES, CHIP 3.3K 5% 1/10W R355 1-216-033-00 RES, CHIP 3.3K 5% 1/10W R355 1-216-033-00 RES, CHIP R054 1-216-061-00 RES, CHIP 3.3K 5% 1/10W R355 1-216-033-00 RES, CHIP R055 1-216-033-00 RES, CHIP 3.3K 5% 1/10W R356 1-216-033-00 RES, CHIP VARIANT (SEE VARIANT R055 1-216-033-00 RES, CHIP VARIANT (SEE VARIANT R055 1-216-033-00 RES, CHIP VARIANT (SEE VARIANT PARTS LIST) R361 1-216-025-91 RES, CHIP RES, CHIP R059 VARIANT (SEE VARIANT PARTS LIST) R362 1-216-025-91 RES, CHIP RES, CHIP R060 VARIANT (SEE VARIANT PARTS LIST) R363 1-216-025-91 RES, CHIP R060 VARIANT (SEE VARIANT PARTS LIST) R364 1-216-025-91 RES, CHIP R063 VARIANT (SEE VARIANT PARTS LIST) R366 1-216-033-00 RES, CHIP R20 5% 1/10W R367 1-216-097-91 RES, CHIP R066 1-216-033-00 RES, CHIP Z20 5% 1/10W R366 1-216-097-91 RES, CHIP R066 1-216-033-00 RES, CHIP Z20 5% 1/10W R369 1-216-097-91 RES, CHIP R066 1-216-033-00 RES, CHIP Z20 5% 1/10W R369 1-216-033-00 RES, CHIP R069 RES, CHIP R060	10K	5%	1/10W
R052	1K	5%	1/10W
R053	1.8K	0.50%	1/10W
ROS5 1-216-061-00 RES, CHIP 3.3K 5% 1/10W R355 1-216-033-00 RES, CHIP ROS6 1-216-093-00 RES, CHIP 100K 5% 1/10W R356 1-216-033-00 RES, CHIP ROS6 1-216-033-00 RES, CHIP 220 5% 1/10W R359 VARIANT (SEE VARIANT (SEE VARIANT PARTS LIST) R362 1-216-025-91 RES, CHIP ROS6 RES, CHIP 220 5% 1/10W R361 1-216-025-91 RES, CHIP ROS6 ROS6 RES, CHIP ROS6 ROS6 RES, CHIP ROS6 ROS6 RES, CHIP ROS6 ROS6 ROS6 RES, CHIP ROS6 ROS6 RES, CHIP ROS6 ROS6 ROS6 RES, CHIP RES, CHIP ROS6 RES, CHIP RES, CHIP RES, CHIP RES, CHIP ROS6 RES,	15K	5%	1/10W
RO54 1-216-061-00 RES, CHIP 3.3K 5% 1/10W R356 1-216-033-00 RES, CHIP 100K 5% 1/10W R359 VARIANT (SEE VARIANT (SEE VARIANT (SEE VARIANT PARTS LIST) RES, CHIP 220 5% 1/10W R359 VARIANT (SEE VARIANT (SEE VARIANT PARTS LIST) R361 1-216-025-91 RES, CHIP RES, CHI	220	5%	1/10W
ROS5 1-216-097-91 RES, CHIP 100K 5% 1/10W R358 VARIANT (SEE VARIANT PARTS LIST) R361 1-216-025-91 RES, CHIP	220	5%	1/10W
R056	RIANT PARTS	LIST)	
R058			
ROSB 1-216-033-00 RES, CHIP 220 5% 1/10W R362 1-216-025-91 RES, CHIP RS, CHIP	RIANT PARTS	LIST)	
R060	100	5%	1/10W
R061 VARIANT (SEE VARIANT PARTS LIST) R364 1-216-101-00 RES, CHIP	100	5%	1/10W
R062	100	5%	1/10W
R063	150K	5%	1/10W
R063	DIANT DADTS	. I ICT/	
R064 1-216-033-00 RES, CHIP 220 5% 1/10W R367 1-216-097-91 RES, CHIP R065 1-216-033-00 RES, CHIP 220 5% 1/10W R368 1-249-441-11 CARBON R066 1-216-033-00 RES, CHIP 220 5% 1/10W R369 1-216-097-91 RES, CHIP R067 1-216-041-00 RES, CHIP 470 5% 1/10W R370 1-249-447-11 CARBON R068 1-247-815-91 CARBON 220 5% 1/4W R371 1-216-053-00 RES, CHIP R069 VARIANT (SEE VARIANT PARTS LIST) R372 1-216-053-00 RES, CHIP RES, CHIP R372 1-216-053-00 RES, CHIP R070 1-249-421-11 CARBON 220 5% 1/4W R373 1-216-073-00 RES, CHIP R071 1-216-033-00 RES, CHIP 220 5% 1/10W R375 1-216-025-91 RES, CHIP RES, CHIP 220 5% 1/10W R3	47K	5%	1/10W
R065 1-216-033-00 RES, CHIP 220 5% 1/10W R368 1-249-441-11 CARBON R066 1-216-033-00 RES, CHIP 220 5% 1/10W R369 1-216-097-91 RES, CHIP R067 1-216-041-00 RES, CHIP 470 5% 1/10W R370 1-249-417-11 CARBON R068 1-247-815-91 CARBON 220 5% 1/4W R371 1-216-053-00 RES, CHIP R070 1-249-421-11 CARBON 2.2K 5% 1/4W R373 1-216-033-00 RES, CHIP R071 1-247-815-91 CARBON 2.2K 5% 1/4W R373 1-216-033-00 RES, CHIP R071 1-216-033-00 RES, CHIP 220 5% 1/10W R374 1-216-025-91 RES, CHIP R072 1-216-033-00 RES, CHIP 220 5% 1/10W R376 1-216-033-00 RES, CHIP R073 1-216-033-00 RES, CHIP 220 5%	100K	5%	1/10W
R066 1-216-033-00 RES, CHIP 220 5% 1/10W R369 1-216-097-91 RES, CHIP R067 1-216-041-00 RES, CHIP 470 5% 1/10W R370 1-249-417-11 CARBON R068 1-247-815-91 CARBON 220 5% 1/4W R371 1-216-053-00 RES, CHIP R070 1-249-421-11 CARBON 2.2K 5% 1/4W R373 1-216-073-00 RES, CHIP R071 1-249-421-11 CARBON 2.2K 5% 1/4W R373 1-216-073-00 RES, CHIP R071 1-247-815-91 CARBON 220 5% 1/10W R374 VARIANT (SEE VARIAN	100K	5%	1/4W
R067 1-216-041-00 RES, CHIP 470 5% 1/10W R370 1-249-417-11 CARBON R068 1-247-815-91 CARBON 220 5% 1/4W R371 1-216-053-00 RES, CHIP R070 1-249-421-11 CARBON 2.2K 5% 1/4W R373 1-216-073-00 RES, CHIP R071 1-247-815-91 CARBON 220 5% 1/4W R373 1-216-073-00 RES, CHIP R071 1-247-815-91 CARBON 220 5% 1/4W R374 VARIANT (SEE VARIANT SEE VARIANT (SEE VARIANT SEE VARIANT (SEE VARIANT SEE VARIANT SEE VARIANT (SEE VARIANT SEE VARIANT SEE VARIANT SEE VARIANT SEE VARIANT SEE VARIANT (SEE VARIANT SEE SCHIP SEE VARIANT SEE VARIANT SEE VARIANT SEE VARIANT SEE VARIANT	100K	5%	1/4VV 1/10W
R068 1-247-815-91 CARBON 220 5% 1/4W R371 1-216-053-00 RES, CHIP R069 VARIANT (SEE VARIANT PARTS LIST) R372 1-216-113-00 RES, CHIP R070 1-249-421-11 CARBON 2.2K 5% 1/4W R373 1-216-073-00 RES, CHIP R071 1-247-815-91 CARBON 220 5% 1/10W R374 VARIANT (SEE VARIANT PARTS LIST) R072 1-216-033-00 RES, CHIP 220 5% 1/10W R375 1-216-025-91 RES, CHIP R073 1-216-033-00 RES, CHIP 220 5% 1/10W R376 1-216-025-91 RES, CHIP R074 1-216-033-00 RES, CHIP 220 5% 1/10W R380 1-247-815-91 CARBON R075 1-216-033-00 RES, CHIP 220 5% 1/10W R380 1-247-815-91 CARBON R076 1-216-033-00 RES, CHIP 220 5% 1/10W R382 1-216-033-00			
R069	1K	5%	1/4W
R070 1-249-421-11 CARBON 2.2K 5% 1/4W R373 1-216-073-00 RES, CHIP R071 1-247-815-91 CARBON 220 5% 1/10W R374 1-216-073-00 RES, CHIP R072 1-216-033-00 RES, CHIP 220 5% 1/10W R375 1-216-025-91 RES, CHIP R073 1-216-033-00 RES, CHIP 220 5% 1/10W R376 1-216-073-00 RES, CHIP R074 1-216-033-00 RES, CHIP 220 5% 1/10W R379 1-216-033-00 RES, CHIP R075 1-216-033-00 RES, CHIP 220 5% 1/10W R380 1-247-815-91 CARBON R076 1-216-033-00 RES, CHIP 220 5% 1/10W R381 1-247-815-91 CARBON R077 1-216-033-00 RES, CHIP 220 5% 1/10W R382 1-216-033-00 RES, CHIP R079 1-216-033-00 RES, CHIP 220 5%	1.5K	5%	1/10W
R071 1-247-815-91 CARBON 220 5% 1/4W R374 VARIANT (SEE VARIANT) R072 1-216-033-00 RES, CHIP 220 5% 1/10W R375 1-216-025-91 RES, CHIP R073 1-216-033-00 RES, CHIP 220 5% 1/10W R376 1-216-073-00 RES, CHIP R074 1-216-033-00 RES, CHIP 220 5% 1/10W R379 1-216-033-00 RES, CHIP R075 1-216-033-00 RES, CHIP 220 5% 1/10W R380 1-247-815-91 CARBON R076 1-216-033-00 RES, CHIP 220 5% 1/10W R381 1-247-815-91 CARBON R077 1-216-033-00 RES, CHIP 220 5% 1/10W R382 1-216-033-00 RES, CHIP R078 1-249-417-11 CARBON 1K 5% 1/4W R383 1-216-049-91 RES, CHIP R079 1-216-033-00 RES, CHIP 220 5% 1/10W <td>470K</td> <td>5%</td> <td>1/10W</td>	470K	5%	1/10W
R072 1-216-033-00 RES, CHIP 220 5% 1/10W R375 1-216-025-91 RES, CHIP R073 1-216-033-00 RES, CHIP 220 5% 1/10W R376 1-216-073-00 RES, CHIP R074 1-216-033-00 RES, CHIP 220 5% 1/10W R379 1-216-033-00 RES, CHIP R075 1-216-033-00 RES, CHIP 220 5% 1/10W R380 1-247-815-91 CARBON R076 1-216-033-00 RES, CHIP 220 5% 1/10W R381 1-247-815-91 CARBON R076 1-216-033-00 RES, CHIP 220 5% 1/10W R381 1-247-815-91 CARBON R077 1-216-033-00 RES, CHIP 220 5% 1/10W R382 1-216-033-00 RES, CHIP R078 1-249-417-11 CARBON 1K 5% 1/4W R383 1-216-049-91 RES, CHIP R079 1-216-033-00 RES, CHIP 220 5% 1/10W R384 1-216-109-00 RES, CHIP R080 1-216-065-91 RES, CHIP 4.7K 5% 1/10W R385 1-249-422-11 CARBON R081 1-216-025-91 RES, CHIP 100 5% 1/10W R386 VARIANT (SEE VARIANT R082 1-216-049-91 RES, CHIP R083 1-249-429-11 CARBON 10K 5% 1/4W R388 1-216-049-91 RES, CHIP R084 1-216-049-91 RES, CHIP R085 VARIANT (SEE VARIANT PARTS LIST) R390 1-216-035-00 RES, CHIP R085 CHIP R085 VARIANT (SEE VARIANT PARTS LIST)	10K	5%	1/10W
R073 1-216-033-00 RES, CHIP 220 5% 1/10W R376 1-216-073-00 RES, CHIP R074 1-216-033-00 RES, CHIP 220 5% 1/10W R379 1-216-033-00 RES, CHIP R075 1-216-033-00 RES, CHIP 220 5% 1/10W R380 1-247-815-91 CARBON R076 1-216-033-00 RES, CHIP 220 5% 1/10W R381 1-247-815-91 CARBON R077 1-216-033-00 RES, CHIP 220 5% 1/10W R382 1-216-033-00 RES, CHIP R078 1-249-417-11 CARBON 1K 5% 1/4W R383 1-216-033-00 RES, CHIP R079 1-216-033-00 RES, CHIP 220 5% 1/10W R384 1-216-109-00 RES, CHIP R080 1-216-033-00 RES, CHIP 4.7K 5% 1/10W R385 1-249-422-11 CARBON R081 1-216-025-91 RES, CHIP 100 5%	RIANT PARTS	, LIST)	
R074 1-216-033-00 RES, CHIP 220 5% 1/10W R379 1-216-033-00 RES, CHIP R075 1-216-033-00 RES, CHIP 220 5% 1/10W R380 1-247-815-91 CARBON R076 1-216-033-00 RES, CHIP 220 5% 1/10W R381 1-247-815-91 CARBON R077 1-216-033-00 RES, CHIP 220 5% 1/10W R382 1-216-033-00 RES, CHIP R078 1-249-417-11 CARBON 1K 5% 1/4W R383 1-216-033-00 RES, CHIP R079 1-216-033-00 RES, CHIP 220 5% 1/10W R384 1-216-109-00 RES, CHIP R080 1-216-05-91 RES, CHIP 4.7K 5% 1/10W R385 1-249-422-11 CARBON R081 1-216-025-91 RES, CHIP 100 5% 1/10W R386 1-216-049-91 RES, CHIP R082 1-216-025-91 RES, CHIP 100 5%	100	5%	1/10W
R075 1-216-033-00 RES, CHIP 220 5% 1/10W R380 1-247-815-91 CARBON R076 1-216-033-00 RES, CHIP 220 5% 1/10W R381 1-247-815-91 CARBON R077 1-216-033-00 RES, CHIP 220 5% 1/10W R382 1-216-033-00 RES, CHIP R078 1-249-417-11 CARBON 1K 5% 1/4W R383 1-216-049-91 RES, CHIP R079 1-216-033-00 RES, CHIP 220 5% 1/10W R384 1-216-109-00 RES, CHIP R080 1-216-033-00 RES, CHIP 20 5% 1/10W R385 1-249-422-11 CARBON R081 1-216-065-91 RES, CHIP 4.7K 5% 1/10W R385 1-249-422-11 CARBON R082 1-216-025-91 RES, CHIP 100 5% 1/10W R387 1-216-049-91 RES, CHIP R083 1-249-429-11 CARBON 10K 5%	10K	5%	1/10W
R076 1-216-033-00 RES, CHIP 220 5% 1/10W R381 1-247-815-91 CARBON R077 1-216-033-00 RES, CHIP 220 5% 1/10W R382 1-216-033-00 RES, CHIP R078 1-249-417-11 CARBON 1K 5% 1/4W R383 1-216-049-91 RES, CHIP R079 1-216-033-00 RES, CHIP 220 5% 1/10W R384 1-216-109-00 RES, CHIP R080 1-216-065-91 RES, CHIP 4.7K 5% 1/10W R385 1-249-422-11 CARBON R081 1-216-025-91 RES, CHIP 100 5% 1/10W R386 VARIANT (SEE VARIANT PARTS LIST) R082 1-216-025-91 RES, CHIP 100 5% 1/10W R387 1-216-049-91 RES, CHIP R083 1-249-429-11 CARBON 10K 5% 1/4W R388 1-216-089-91 RES, CHIP R084 1-216-049-91 RES, CHIP 1K 5% <	220	5%	1/10W
R077 1-216-033-00 RES, CHIP 220 5% 1/10W R382 1-216-033-00 RES, CHIP R078 1-249-417-11 CARBON 1K 5% 1/4W R383 1-216-049-91 RES, CHIP R079 1-216-033-00 RES, CHIP 220 5% 1/10W R384 1-216-109-00 RES, CHIP R080 1-216-065-91 RES, CHIP 4.7K 5% 1/10W R385 1-249-422-11 CARBON VARIANT (SEE VARIANT R082 1-216-025-91 RES, CHIP 100 5% 1/10W R386 VARIANT (SEE VARIANT R083 1-249-429-11 CARBON 10K 5% 1/4W R388 1-216-049-91 RES, CHIP R084 1-216-049-91 RES, CHIP 1K 5% 1/10W R389 1-216-067-00 RES, CHIP R085 VARIANT (SEE VARIANT PARTS LIST) R390 1-216-035-00 RES, CHIP	220	5%	1/4W
R078 1-249-417-11 CARBON 1K 5% 1/4W R383 1-216-049-91 RES, CHIP R079 1-216-033-00 RES, CHIP 220 5% 1/10W R384 1-216-109-00 RES, CHIP R080 1-216-065-91 RES, CHIP 4.7K 5% 1/10W R385 1-249-422-11 CARBON R081 1-216-025-91 RES, CHIP 100 5% 1/10W R386 VARIANT (SEE VARIANT R082 1-216-025-91 RES, CHIP 100 5% 1/10W R387 1-216-049-91 RES, CHIP R083 1-249-429-11 CARBON 10K 5% 1/4W R388 1-216-049-91 RES, CHIP R084 1-216-049-91 RES, CHIP 1K 5% 1/10W R389 1-216-067-00 RES, CHIP R085 VARIANT (SEE VARIANT PARTS LIST) R390 1-216-035-00 RES, CHIP	220	5%	1/4W
R078 1-249-417-11 CARBON 1K 5% 1/4W R383 1-216-049-91 RES, CHIP R079 1-216-033-00 RES, CHIP 220 5% 1/10W R384 1-216-109-00 RES, CHIP R080 1-216-065-91 RES, CHIP 4.7K 5% 1/10W R385 1-249-422-11 CARBON R081 1-216-025-91 RES, CHIP 100 5% 1/10W R386 VARIANT (SEE VARIANT R082 1-216-025-91 RES, CHIP 100 5% 1/10W R387 1-216-049-91 RES, CHIP R083 1-249-429-11 CARBON 10K 5% 1/4W R388 1-216-049-91 RES, CHIP R084 1-216-049-91 RES, CHIP 1K 5% 1/10W R389 1-216-067-00 RES, CHIP R085 VARIANT (SEE VARIANT PARTS LIST) R390 1-216-035-00 RES, CHIP	220	5%	1/10W
R080 1-216-065-91 RES, CHIP 4.7K 5% 1/10W R385 1-249-422-11 CARBON VARIANT (SEE	1K	5%	1/10W
R081 1-216-025-91 RES, CHIP 100 5% 1/10W R386 VARIANT (SEE VARIANT) R082 1-216-025-91 RES, CHIP 100 5% 1/10W R387 1-216-049-91 RES, CHIP R083 1-249-429-11 CARBON 10K 5% 1/4W R388 1-216-089-91 RES, CHIP R084 1-216-049-91 RES, CHIP 1K 5% 1/10W R389 1-216-067-00 RES, CHIP R085 VARIANT (SEE VARIANT PARTS LIST) R390 1-216-035-00 RES, CHIP	330K	5%	1/10W
R082 1-216-025-91 RES, CHIP 100 5% 1/10W R387 1-216-049-91 RES, CHIP R083 1-249-429-11 CARBON 10K 5% 1/4W R388 1-216-089-91 RES, CHIP R084 1-216-049-91 RES, CHIP 1K 5% 1/10W R389 1-216-067-00 RES, CHIP R085 VARIANT (SEE VARIANT PARTS LIST) R390 1-216-035-00 RES, CHIP	2.7K	5%	1/4W
R083 1-249-429-11 CARBON 10K 5% 1/4W R388 1-216-089-91 RES, CHIP R084 1-216-049-91 RES, CHIP 1K 5% 1/10W R389 1-216-067-00 RES, CHIP R085 VARIANT (SEE VARIANT PARTS LIST) R390 1-216-035-00 RES, CHIP	RIANT PARTS	LIST)	
R083 1-249-429-11 CARBON 10K 5% 1/4W R388 1-216-089-91 RES, CHIP R084 1-216-049-91 RES, CHIP 1K 5% 1/10W R389 1-216-067-00 RES, CHIP R085 VARIANT (SEE VARIANT PARTS LIST) R390 1-216-035-00 RES, CHIP	1K	5%	1/10W
R085 VARIANT (SEE VARIANT PARTS LIST) R390 1-216-035-00 RES, CHIP	47K	5%	1/10W
	5.6K	5%	1/10W
R087 1-247-815-91 CARBON 220 5% 1/4W R391 1-208-810-11 RES, CHIP	270	5%	1/10W
	15K	0.50%	1/10W
R092 1-249-429-11 CARBON 10K 5% 1/4W R392 1-216-025-91 RES, CHIP	100	5%	1/10W
	560	5%	1/10W
	2.7K	5%	1/10W
DOO! 4.04/.047.44 METAL	3.3K	5%	1/10W
	1K	5%	1/4W
R098 1-249-379-11 CARBON 0.68 5% 1/4W R397 1-249-425-11 CARBON	4.7K	5%	1/4W
Dood 4 of 64 DEC CUID 471/	4.7K	5%	1/10W
	47K	5%	1/10W
	33K	5%	1/4W

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Note:

The components identified by

in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

S SERIES COMMON PARTS LISTING



											
REF.NO.	PART NO.	DESCRIPTION		REM	IARK	REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>
R464	1-216-097-91	RES, CHIP	100K	5%	1/10W	R538	1-247-887-00	CARBON	220K	5%	1/4W
R465	1-249-413-11	CARBON	470	5%	1/10W	R541	1-247-007-00	VARIANT (SEE V			1/ 1 VV
								•		,	
R466	1-249-388-11		3.9	5%	1/4W	R542	4 040 077 44	VARIANT (SEE V			4/00/
R467	1-216-069-00	RES, CHIP	6.8K	5%	1/10W	R543	1-249-377-11	CARBON	0.47	5%	1/4W
R469		VARIANT (SEE	VARIANT PAR	TS LIST)		R546		VARIANT (SEE V	ARIANT PAR	TS LIST)	
R470	1-216-077-00	RES, CHIP	15K	5%	1/10W	R547	1-215-457-00	METAL	33K	1%	1/4W
R471	1-216-069-00	•	6.8K	5%	1/10W	R549	1-215-437-00	METAL	4.7K	1%	1/4W
R472		VARIANT (SEE					1-249-377-11		0.47	5%	1/4W
R473	1-249-398-11		27	5%	1/4W		1-215-873-00		4.7K	5%	1W
11475	1 247 370 11	OARDON	21	370	1/ 4 4 4	11001	1 210 070 00	WEI/IL	1.710	070	
R474	1-216-077-00	RES, CHIP	15K	5%	1/10W	R552	1-216-069-00		6.8K	5%	1/10W
R475	1-249-430-11	CARBON	12K	5%	1/4W	R553 ∆	1-249-377-11	CARBON	0.47	5%	1/4W
R476	1-249-430-11	CARBON	12K	5%	1/4W	R554	1-216-057-00	RES, CHIP	2.2K	5%	1/10W
R477	1-249-398-11		27	5%	1/4W	R561	1-216-073-00		10K	5%	1/10W
R478	1-249-418-11		1.2K	5%	1/4W		1-216-351-00		1.5	5%	1W
R479	1-249-418-11		1.2K	5%	1/4W	R564	1-249-393-11	CARBON	10	5%	1/4W
R480	1-249-385-11		2.2	5%	1/4W	R565 ∆	1-215-890-11	METAL	470	5%	2W
R481	1-249-385-11	CARBON	2.2	5%	1/4W	R566	1-216-073-00		10K	5%	1/10W
R482	1-249-421-11	CARBON	2.2K	5%	1/4W	R567 ∆	1-249-385-11	CARBON	2.2	5%	1/4W
R483	1-249-421-11	CARBON	2.2K	5%	1/4W	R568	1-216-073-00	RES, CHIP	10K	5%	1/10W
R501	1-216-037-00	RES, CHIP	330	5%	1/10W	R569	1-216-073-00	RES, CHIP	10K	5%	1/10W
R502	1-216-057-00	•	3.3K	5%	1/10W	R570	1-216-073-00		100K	5%	1/10W
		•									
R503	1-249-426-11	CARBON	5.6K	5%	1/4W	R571	1-216-081-00		22K	5%	1/10W
R504 △	1-215-915-11		470	5%	3W	R572	1-216-081-00		22K	5%	1/10W
R505	1-249-431-11	CARBON	15K	5%	1/4W	R573	1-216-097-91	RES, CHIP	100K	5%	1/10W
R506	1-215-861-00	METAL	47	5%	1W	R574 △	1-216-365-00	METAL	0.47	5%	2W
R507	1-249-401-11		47	5%	1/4W	R575	1-216-113-00	RES, CHIP	470K	5%	1/10W
R508	1-249-427-11		6.8K	5%	1/4W	R576	1-216-073-00		10K	5%	1/10W
R509	1-247-750-11		680	5%	1/2W	R577	1-216-097-91		100K	5%	1/10W
	1-215-860-11		33	5%	1W	R578	1-208-784-11		1.2K	0.50%	1/10W
11010	1 210 000 11	WE I'VE	00	070		1070	1 200 704 11	KLO, OTHI	1.210	0.3070	171000
R511		VARIANT (SEE	VARIANT PAR	TS LIST)		R579	1-208-842-11	RES, CHIP	330K	0.50%	1/10W
R 512 ∆	1-215-886-11		100	5%	2W	R580	1-249-441-11		100K	5%	1/4W
R515		VARIANT (SEE)	Variant par	TS LIST)		R1009		VARIANT (SEE V	ARIANT PAR	TS LIST)	
R516	1-216-057-00	RES, CHIP	2.2K	5%	1/10W	R1010		VARIANT (SEE V			
R517	1-249-415-11		680	5%	1/4W	R1101	1-216-049-91	RES, CHIP	1K	5%	1/10W
DE40	1 01/ 070 00	DEC CUID	101/	F0/	1/1014	D4400	1 215 000 44	METAL	2214	F0/	2147
R518	1-216-073-00	•	10K	5%	1/10W	R1102	1-215-900-11	METAL	22K	5%	2W
R519	1-249-411-11		330	5%	1/4W	R1103	1-216-051-00	RES, CHIP	1.2K	5%	1/10W
R521 △	1-215-915-11		470	5%	3W	R1104	1-216-083-00	RES, CHIP	27K	5%	1/10W
R523		VARIANT (SEE)	variant par	TS LIST)		R1105	1-216-689-11	RES, CHIP	39K	5%	1/10W
R524	1-249-429-11	CARBON	10K	5%	1/4W	R1106	1-216-049-91	RES, CHIP	1K	5%	1/10W
R525	1-216-071-00	RES, CHIP	8.2K	5%	1/10W	R1107	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R528	1-216-071-00	•	22K	5%	1/10W	R1107	1-216-003-71	RES, CHIP			1/10W
	1-210-081-00	'			1/ 1000				10K	5% 5%	
R529	1 200 000 11	VARIANT (SEE			1/10\\	R1109	1-216-019-00	RES, CHIP	56	5%	1/10W
R530 △	1-208-808-11		12K	0.50% re i iet\	1/10W	R1110	1-216-019-00		56 54	5%	1/10W
R531		VARIANT (SEE)	VARIANI PAK	13 LI31)		R1111	1-216-019-00	RES, CHIP	56	5%	1/10W
R532	1-208-760-11	RES, CHIP	120	0.50%	1/10W	R1115	1-216-045-00	RES, CHIP	680	5%	1/10W
R533		VARIANT (SEE				R1117	1-249-425-11	CARBON	4.7K	5%	1/4W
R535		VARIANT (SEE				R1118	1-249-425-11	CARBON	4.7K	5%	1/4W
R536 △	1-249-377-11		0.47	5%	1/4W	R1120	1-216-057-00	RES, CHIP	2.2K	5%	1/10W
R537 △	1-249-377-11		0.47	5%	1/4W	R1121	1-216-035-00		270	5%	1/10W
KJJ/ 🗥	1 47/-311-11	SARDON	0.47	370	1/ 寸 4 4	I MIIZI	1-210-033-00	ILD, UTIF	210	J /0	1/ 1000

REF.NO.	PART NO.	DESCRIPTION		<u>RE</u>	MARK	REF.NO.	PART NO.	DESCRIPTION		<u>RE</u>	<u>MARK</u>
R1122	1-216-115-00	RES, CHIP	560K	5%	1/10W	R1288	1-247-807-31	CARBON	100	5%	1/4W
R1123	1-216-039-00	RES, CHIP	390	5%	1/10W	R1290	1-216-041-00	RES, CHIP	470	5%	1/10W
R1125	1-216-057-00	RES, CHIP	2.2K	5%	1/10W	R1291	1-216-045-00	RES, CHIP	680	5%	1/10W
R1126	1-216-035-00	RES, CHIP	270	5%	1/10W	R1292	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
						R1293	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R1127	1-216-115-00	RES, CHIP	560K	5%	1/10W						
R1128	1-216-039-00	RES, CHIP	390	5%	1/10	R1294	1-216-049-91	RES, CHIP	1K	5%	1/10W
R1130	1-216-057-00	RES, CHIP	2.2K	5%	1/10W	R1295	1-216-049-91	RES, CHIP	1K	5%	1/10W
R1234	1-249-441-11	CARBON	100K	5%	1/4W	R1296		VARIANT (SEE		•	
R1240	1-216-022-00	RES, CHIP	75	5%	1/10W	R1297		VARIANT (SEE			
D1041	1 21/ 022 00	DEC CUID	75	F0/	1/10/4/	R1351	1-247-815-91	CARBON	220	5%	1/4W
R1241	1-216-022-00	RES, CHIP	75 4.714	5%	1/10W						
R1242	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	R1352	1-247-815-91	CARBON	220	5%	1/4W
R1243	1-249-441-11	CARBON	100K	5%	1/4W	R1353	1-247-815-91	CARBON	220	5%	1/4W
R1244	1-216-022-00	RES, CHIP	75	5%	1/10W	R1354	1-216-033-00	RES, CHIP	220	5%	1/10W
R1245	1-216-113-00	RES, CHIP	470K	5%	1/10W	R1355	1-216-025-91	RES, CHIP	100	5%	1/10W
D404/	4 04/ 0/5 04	DEC OUID	4.71/	F0/	4./4.0\4/	R1356	1-216-025-91	RES, CHIP	100	5%	1/10W
R1246	1-216-065-91	RES, CHIP	4.7K	5%	1/10W						
R1247	1-216-113-00	RES, CHIP	470K	5%	1/10W	R1357	1-216-025-91	RES, CHIP	100	5%	1/10W
R1248	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	R1358	1-247-807-31	CARBON	100	5%	1/4W
R1249		VARIANT (SEE V		•		R1359	1-216-025-91	RES, CHIP	100	5%	1/10W
R1250		VARIANT (SEE V	ariani par	IS LIST)		R1360	1-216-069-00	RES, CHIP	6.8K	5%	1/10W
D10E1		VADIANT (CEE V	ADIANT DAD	TC LICT\		R1361	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R1251		VARIANT (SEE V				D40/0	1 04/ 005 04	OLIOPT			
R1252		VARIANT (SEE V		•		R1362	1-216-295-91	SHORT	4017	5 07	4/04/
R1253	1 21/ 112 00	VARIANT (SEE V			1/10///	R1402	1-249-429-11	CARBON	10K	5%	1/4W
R1254	1-216-113-00	RES, CHIP	470K	5%	1/10W	R1404	1-249-429-11	CARBON	10K	5%	1/4W
R1255	1-216-049-91	RES, CHIP	1K	5%	1/10W	R1407	1-216-073-00	RES, CHIP	10K	5%	1/10W
R1256	1-216-113-00	RES, CHIP	470K	5%	1/10W	R1408	1-249-429-11	CARBON	10K	5%	1/4W
R1257	1-216-049-91	RES, CHIP	1K	5%	1/10W	R1409	1 240 420 11	CARBON	10K	5%	1/4W
R1257	1-216-061-00	RES, CHIP	3.3K	5%	1/10W	R1409 R1410	1-249-429-11 1-216-121-91	RES, CHIP	10K 1M	5% 5%	1/4VV 1/10W
R1259	1-216-097-91	RES, CHIP	100K	5%	1/10W	R1410	1-216-121-91	RES, CHIP	10K	5% 5%	1/10W
R1260	1-216-061-00	RES, CHIP	3.3K	5%	1/10W	R1411	1-216-073-00	RES, CHIP	22K	5%	1/10W
11200	1-210-001-00	RES, CIIII	3.310	370	17 10 44	R1412	1-216-089-91	RES, CHIP	47K	5% 5%	1/10W
R1261	1-216-033-00	RES, CHIP	220	5%	1/10W	1 1113	1-210-007-71	KLS, OIIII	7/10	370	17 10 00
R1262	1-216-025-91	RES, CHIP	100	5%	1/10W	R1414	1-216-089-91	RES, CHIP	47K	5%	1/10W
R1263	1-216-033-00	RES, CHIP	220	5%	1/10W	R1415	1-216-025-91	RES, CHIP	100	5%	1/10W
R1264	1-216-025-91	RES, CHIP	100	5%	1/10W	R1418	1-216-081-00	RES, CHIP	22K	5%	1/10W
R1265	1-216-033-00	RES, CHIP	220	5%	1/10W	R1419	1-216-089-91	RES, CHIP	47K	5%	1/10W
						R1420	1-216-089-91	RES, CHIP	47K	5%	1/10W
R1266	1-216-025-91	RES, CHIP	100	5%	1/10W					• , ,	
R1267	1-216-295-91	SHORT				R1421	1-216-025-91	RES, CHIP	100	5%	1/10W
R1268	1-216-025-91	RES, CHIP	100	5%	1/10W	R1424	1-247-815-91	CARBON	220	5%	1/4W
R1270	1-216-025-91	RES, CHIP	100	5%	1/10W	R1425	1-247-815-91	CARBON	220	5%	1/4W
R1273		VARIANT (SEE V	ARIANT PAR	TS LIST)							
							SWITCH				
R1274		VARIANT (SEE V	ariant par	TS LIST)							
R1277	1-247-815-91	CARBON	220	5%	1/4W	S001		VARIANT (SEE	VARIANT PAR	TS LIST)	
R1278	1-247-815-91	CARBON	220	5%	1/4W	S002		VARIANT (SEE			
R1280	1-216-025-91	RES, CHIP	100	5%	1/10W	S003		VARIANT (SEE	VARIANT PAR	TS LIST)	
R1282	1-216-025-91	RES, CHIP	100	5%	1/10W	S004		VARIANT (SEE		•	
						S005		VARIANT (SEE			
R1283		VARIANT (SEE V	ariant par	TS LIST)				•			
R1284	1-247-807-31	CARBON	100	5%	1/4W	S006		VARIANT (SEE	variant par	TS LIST)	
R1286	1-216-049-91	RES, CHIP	1K	5%	1/10W	S007		VARIANT (SEE			
R1287	1-216-049-91	RES, CHIP	1K	5%	1/10W	S501	1-572-707-11	SWITCH, LEVE	R		

REF.NO.	PART NO.	DESCRIPTION	<u>REMARK</u>	REF.NO.	PART NO.	DESCRIPTION	REMARK
	TRANSFORM	<u>MER</u>					
T501 T502 T503 T504	1-437-210-11	TRANSFORMER, HORIZONTAL DR VARIANT (SEE VARIANT PARTS LIS VARIANT (SEE VARIANT PARTS LIS VARIANT (SEE VARIANT PARTS LIS	ST) ST)				
	<u>TUNER</u>						
TU102		VARIANT (SEE VARIANT PARTS LIS	ST)				
	CRYSTAL						
X001 X353 X354	1-578-774-11 1-567-505-11 1-577-611-11	VIBRATOR, CRYSTAL OSCILLATOR, CRYSTAL OSCILLATOR, CERAMIC					

ELECTRICAL PARTS LIST (FOR V SERIES)

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifies per un trame et une marque ∆ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie. The components identified by ☑ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F: nonflammable

CAPACITORS

• MF = μ F

INDUCTORS

• UH = μ H, MMH = mH

When indicating parts by reference number, please include the board name.

REF.NO.	PART NO.	DESCRIPTION		<u>REI</u>	<u>MARK</u>	REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>
	7					C070	1-126-967-11	ELECT	47MF	20%	50V
$\Box \mathbf{A}$						C071	1-164-096-11	CERAMIC CHIP	0.01MF		50V
	<u> </u>					C072	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
*	Λ 1200 611 /	A A BOARD, COI	MDI ETE			C075	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
	H-1270-011-F	(KV-32V40 only)	VIPLETE			C353	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
*	Λ 1200 612 /	A BOARD, COI	MDI ETE								
	A-1270-013-F	(KV-34VL65C/34V)		D only)		C354	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
*	Δ-1298-647-4	A BOARD, COI		D Offig)		C355	1-126-959-11	ELECT	0.47MF	20%	50V
	A 1270 047 7	(KV-35V65CND/37		C only)		C356	1-126-963-11	ELECT	4.7MF	20%	50V
		(KV 00V000ND/0/	V L 0 0 / 0 / V L 0 0	o omy,		C357	1-126-959-11	ELECT	0.47MF	20%	50V
						C358	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	4-382-854-11	SCREW (M3X10),	P, SW (+)			0250	1 10/ 000 11	FLECT	100145	2007	4/1/
						C359	1-126-933-11	ELECT CERAMIC CHIR	100MF	20%	16V
						C363	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	<u>CAPACITOR</u>					C364 C365	1-163-021-91 1-163-021-91	CERAMIC CHIP CERAMIC CHIP	0.01MF 0.01MF	10% 10%	50V 50V
						C366	1-103-021-91	FILM	0.011VIF 0.1MF	5%	50V 50V
C001	1-163-259-91	CERAMIC CHIP	220PF	5%	50V	C300	1-130-493-00	FILIVI	U. HVIF	370	307
C003	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V	C367	1-130-495-00	FILM	0.1MF	5%	50V
C005	1-126-960-11	ELECT	1MF	20%	50V	C368	1-130-475-00	FILM	0.1MF	5%	50V
C009	1-126-967-11	ELECT	47MF	20%	50V	C369	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C010	1-163-033-91	CERAMIC CHIP	0.022MF		50V	C370	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
0010	4 04/ 000 00	DEC OUID	000	F0/	4/4011/	C370	1-163-141-00	CERAMIC CHIP	0.022MI 0.001MF	5%	50V
C012	1-216-033-00	RES, CHIP	220	5%	1/10W	0371	1-103-141-00	OLIVAINIO OTIII	0.0011111	370	30 V
C013	1-216-121-91	RES, CHIP	1M	5%	1/10W	C372	1-126-959-11	ELECT	0.47MF	20%	50V
C014	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	C373	1-126-960-11	ELECT	1MF	20%	50V
C023 C028	1-163-259-91 1-163-227-11	CERAMIC CHIP CERAMIC CHIP	220PF 10PF	5% 0.5PF	50V 50V	C376	1-126-964-11	ELECT	10MF	20%	50V
C020	1-103-227-11	CERAIVIIC CHIP	IUPF	0.3PF	3UV	C377	1-130-495-00	FILM	0.1MF	5%	50V
C029	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	C378	1-130-495-00	FILM	0.1MF	5%	50V
C029	1-163-227-11	CERAMIC CHIP	0.001MF	10%	50V 50V						
C035	1-163-237-11	CERAMIC CHIP	27PF	5%	50V	C379	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C036	1-163-231-11	CERAMIC CHIP	15PF	5%	50V	C380	1-126-935-11	ELECT	470MF	20%	16V
C037	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	C381	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
0037	1-100 2-0-11	OLIVAIVIIO OTIII	7/11	370	30 V	C383	1-130-495-00	FILM	0.1MF	5%	50V
C038	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	C385	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C039	1-163-243-11	CERAMIC CHIP	47PF	5%	50V						
C040	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	C386	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C051	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C387	1-126-961-11	ELECT	2.2MF	20%	50V
C053	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C388	1-126-959-11	ELECT	0.47MF	20%	50V
						C390	1-126-960-11	ELECT	1MF	20%	50V
C056	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	C391	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C061	1-163-033-91	CERAMIC CHIP	0.022MF		50V						
C062	1-163-033-91	CERAMIC CHIP	0.022MF		50V	C392	1-163-251-11		100PF	5%	50V
C063	1-126-935-11	ELECT	470MF	20%	16V	C461		VARIANT(SEE VAF			
C069		VARIANT(SEE VAR				C462		VARIANT(SEE VAF	RIANT PARTS	LIST)	
		,		,		•					

Note:

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Les composants identifies per un trame et une marque ∆ sont critiques pout la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.	PART NO.	DESCRIPTION		REM	IARK	REF.NO.	PART NO.	DESCRIPTION		REM	<u>IARK</u>
C463		VARIANT(SEE VAR	IANT PARTS I	IST)		C542		VARIANT(SEE VAR	ΡΙΔΝΙΤ ΡΔΡΤΟ	(T2LL	
C464		VARIANT(SEE VAR				C545	1-106-387-00	MYLAR	0.068MF	10%	200V
C466		VARIANT(SEE VAR				C546	1-106-343-00	MYLAR	0.001MF	10%	100V
C467		VARIANT(SEE VAR				C547	1-106-343-00	MYLAR	0.001MF	10%	100V
C468		VARIANT(SEE VAR	IANT PARTS L	LIST)		C551	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C470		VARIANT(SEE VAR				C561	1-126-967-11	ELECT	47MF	20%	50V
C471		VARIANT(SEE VAR		,		C563	1-126-934-11	ELECT	220MF	20%	10V
C472		VARIANT(SEE VAR				C564	1-126-960-11	ELECT	1MF	20%	50V
C473		VARIANT(SEE VAR		•		C565	1-126-969-11	ELECT	220MF	20%	50V
C474		VARIANT(SEE VAR	IANI PARISI	_151)		C566	1-126-964-11	ELECT	10MF	20%	50V
C475		VARIANT(SEE VAR				C568	1-136-169-00	FILM	0.22MF	5%	50V
C476		VARIANT(SEE VAR				C571	1-104-664-11	ELECT	47MF	20%	25V
C477 C478		VARIANT(SEE VAR VARIANT(SEE VAR				C1002	1-126-964-11	ELECT	10MF	20%	50V
C476		VARIANT(SEE VAR				C1101 C1103	1-126-768-11 1-126-965-11	ELECT ELECT	2200MF 22MF	20% 20%	16V 50V
		WHITHINGEL WHIT	IANT TAKTOL	_131)		C1103	1-120-700-11	ELECT	ZZIVIF	20 /0	307
C501	1-163-259-91	CERAMIC CHIP	220PF	5%	50V	C1104	1-104-664-11	ELECT	47MF	20%	16V
C502	1-126-959-11	ELECT	0.47MF	20%	50V	C1105	1-104-664-11	ELECT	47MF	20%	16V
C503	1-163-003-11	CERAMIC CHIP	330PF	10%	50V	C1106	1-126-964-11	ELECT	10MF	20%	50V
C504 C505	1-102-212-00	CERAMIC CHIP CERAMIC CHIP	820PF 680PF	10% 10%	500V 500V	C1107	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C303	1-102-002-00	CERAIVIIC CHIP	000PF	1076	3007	C1108	1-126-960-11	ELECT	1MF	20%	50V
C506	1-106-383-00	MYLAR	0.047MF	10%	200V	C1109	1-126-964-11	ELECT	10MF	20%	50V
C507 △	1-162-116-00	CERAMIC CHIP2	680PF	10%	2KV	C1110	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C508	1-102-244-00	CERAMIC CHIP	220PF	10%	500V	C1111	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C509	1-162-116-00	CERAMIC CHIP	680PF	10%	2KV	C1112	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C510	1-137-150-11	MYLAR	0.01MF	10%	100V	C1351	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C511 ∆	1-115-460-11	FILM	0.022MF	3%	1.2KV	C1352	1-126-933-11	ELECT	100MF	20%	16V
C513		VARIANT(SEE VAR				C1353	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C514		VARIANT(SEE VAR		,		C1354	1-216-295-91	SHORT			
C515	1-106-343-00	MYLAR	0.001MF	10%	100V	C1501		VARIANT(SEE VAR	IANT PARTS	LIST)	
C516	1-115-461-11	FILM	2MF	5%	200V		CONNECTO	R			
C517	1-107-649-11	ELECT	2.2MF	20%	250V		00111120101	<u> </u>			
C518	1-106-395-00	MYLAR	0.15MF	10%	200V	CN270	1-573-298-11	CONNECTOR, BO	ARD TO BOA	RD 20P	
C519	1-162-815-11	CERAMIC CHIP	47PF	5%	500V	CN271		CONNECTOR, BO		RD 11P	
C520		VARIANT(SEE VAR						PLUG, CONNECTO			
C521		VARIANT(SEE VAR	IANI PARISI	_151)		CN461 *		VARIANT(SEE VAR		LIST)	
C522	1-126-960-11	ELECT	1MF	20%	50V	CN501 ^	1-580-798-11	CONNECTOR PIN	(DY) 6P		
C525		CERAMIC CHIP	220PF	10%	500V	CN503 *	1-564-508-11	PLUG, CONNECTO	ND 5D		
C526	1-107-662-11		22MF	20%	250V		1-564-512-11				
C527		CERAMIC CHIP	680PF	10%	2KV	CN1101	1 001 012 11	VARIANT(SEE VAR		LIST)	
C528	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V		1-564-511-11			,	
						CN1641*	1-564-515-11				
C529	1-128-551-11		22MF	20%	25V						
C530	1-137-366-11		0.0022MF	5% 20%	50V		1-564-508-11			LICT)	
C531 C532	1-126-965-11 1-126-965-11		22MF 22MF	20% 20%	50V 50V	CN3001		VARIANT(SEE VAR	MANT PARTS	LIST)	
C532	1-120-70J-11	VARIANT(SEE VAR			JU V		DIODE				
C539		VARIANT(SEE VAR	I STQAQ TIAAI	(T2I		D001		DIODE 100122T	17		
C540	1-123-024-21	•	33MF	_131)	160V	D001 D002		DIODE 1SS133T-7 DIODE RD5.6ESB			
C541	1-128-560-11		22MF	20%	100V	D002		DIODE 1SS133T-7			

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V SERIES COMMON PARTS LISTING

KEF.NO.	<u>PART NO.</u>	DESCRIPTION	REMARK	REF.NO.	<u>PART NO.</u>	DESCRIPTION	REMARK
D004	8-719-110-17	DIODE RD10ESB2			CHIP COND	JCTOR	
D011	8-719-983-20	DIODE MTZJ-T-77-4.3C			<u> </u>	<u></u>	
0013	8-719-991-33	DIODE 1SS133T-77		JR001		VARIANT(SEE VARIANT PARTS LI	(T2
0014	8-719-991-33	DIODE 1SS133T-77		JR200	1-216-295-91		5 1)
0015		DIODE 1SS133T-77		JR201	1-210-275-71	VARIANT(SEE VARIANT PARTS LI	(T2
	•	2.022 100.00		JR201 JR202		•	
0353	8-719-991-33	DIODE 1SS133T-77				VARIANT(SEE VARIANT PARTS LI	
0356		DIODE 1SS133T-77		JR351		VARIANT(SEE VARIANT PARTS LI	31)
0360		DIODE RD10ESB2		IDOEO		VADIANT/CEE VADIANT DADTO LI	OT\
)362		DIODE 1SS133T-77		JR352		VARIANT(SEE VARIANT PARTS LI	•
	0-/19-991-33		C L ICT/	JR463		VARIANT(SEE VARIANT PARTS LI	ST)
)368		VARIANT(SEE VARIANT PART	5 LIST)	JR501	1-216-295-91		
24/0	0.740.004.00	DIODE 400400T 77		JR1417		VARIANT(SEE VARIANT PARTS LI	ST)
0462		DIODE 1SS133T-77		JR1454	1-216-295-91	SHORT	
D501		DIODE RD5.6ESB2					
)502		DIODE ERC06-15S		JR1455	1-216-295-91	SHORT	
0503		DIODE ERC06-15S		JR1801	1-216-295-91	SHORT	
0504	8-719-900-26	DIODE ERD29-08J			1-216-295-91		
					1-216-295-91		
0505	8-719-908-03	DIODE GP08D			1-216-295-91		
0506	8-719-908-03	DIODE GP08D		3111001	1 210 270 71	SHORT	
D507	8-719-991-33	DIODE 1SS133T-77		JR4120	1-216-295-91	SHORT	
D515		DIODE EL1Z		31(4120	1-210-275-71	SHORT	
0516		DIODE 1SS133T-77			<u>COIL</u>		
)518	8-719-991-33	DIODE 1SS133T-77		L001	1-408-421-00	INDUCTOR 100UH	
0519 ⚠	8-719-302-43	DIODE EL1Z		L002	1-408-421-00		
D520	8-719-991-33	DIODE 1SS133T-77		L003	1-410-470-11		
0521		DIODE MTZJ-7.5B		L004		INDUCTOR 10UH	
0530		DIODE EGP20G		L352		INDUCTOR 100UH	
D531	8-719-979-85	DIODE EGP20G		L461		VARIANT(SEE VARIANT PARTS LI	ST)
D534	8-719-302-43	DIODE EL1Z			1-411-976-11		- /
0561	8-719-908-03	DIODE GP08D		L502	1-412-552-11		
0562	8-719-991-33	DIODE 1SS133T-77		L503	1-406-677-11		
01102	8-719-982-24	DIODE MTZJ-33A		L511	1-406-607-41		
01103		DIODE RD5.6ESB2		L517	1-412-552-11	INDUCTOR 2.2MMH	
01263		DIODE RD10ESB2		L541		VARIANT(SEE VARIANT PARTS LI	ST)
01264	8-719-110-17	DIODE RD10ESB2		L1101	1-408-421-00		•
	FERRITE BE	AD		L1102	1-410-470-11		
DEA1					<u>IC LINK</u>		
B501		FERRITE 0.45UH					
B502		FERRITE 1.1UH		PS461		VARIANT(SEE VARIANT PARTS LI	ST)
B503	1-410-397-21	FERRITE 1.1UH			TRANSISTO	2	
	<u>IC</u>			0001			
C001	0 752 007 10	IC CXP85840A-011S		Q001		TRANSISTOR 2SA1162-G	
C001				Q002		TRANSISTOR 2SD601A-Q	
C002		IC M24C02-MN6T		Q003		TRANSISTOR 2SD601A-Q	
C351	8-752-082-73	IC CXA2095S	a	Q004	8-729-216-22	TRANSISTOR 2SA1162-G	
C461		VARIANT(SEE VARIANT PART	S LIST)	Q010	8-729-422-27	TRANSISTOR 2SD601A-Q	
C501	8-759-700-07	IC NJM2903M					
05/4	0.750.000.50	IO TD40170		Q011		TRANSISTOR 2SD601A-Q	
C561	8-759-980-58	IC IDAXI/2		Q012	8-729-422-27	TRANSISTOR 2SD601A-Q	
				Q013		TRANSISTOR 2SD601A-Q	

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REF.NO.	PART NO.	DESCRIPTION		REN	<u>IARK</u>	REF.NO.	PART NO.	DESCRIPTION		<u>RE</u>	<u>MARK</u>
Q014	8-729-422-27	TRANSISTOR 2SE)601∆₋O			R027	1-249-389-11	CARBON	4.7	5%	1/4W
Q014 Q015	8-729-422-27					R028	1-249-417-11	CARBON	1K	5%	1/4W
Q016	8-729-422-27					R029	1-216-025-91	RES, CHIP	100	5%	1/10W
Q017	8-729-216-22					R030	1-249-425-11	CARBON	4.7K	5%	1/4W
Q301		TRANSISTOR 2SA				R031		VARIANT(SEE VA			
Q302	8-729-216-22	TRANSISTOR 2SA	\1162-G			R032	1-247-815-91	CARBON	220	5%	1/4W
Q303		TRANSISTOR 2SA				R036	1-216-049-91	RES, CHIP	1K	5%	1/10W
Q354	8-729-422-27	TRANSISTOR 2SI	0601A-Q			R037	1-216-049-91	RES, CHIP	1K	5%	1/10W
Q356	8-729-216-22	TRANSISTOR 2SA	\1162-G			R038	1-216-049-91	RES, CHIP	1K	5%	1/10W
Q357		TRANSISTOR 2SE				R039	1-247-807-31	CARBON	100	5%	1/4W
Q358	8-729-422-27	TRANSISTOR 2SE	0601A-Q			R040		VARIANT(SEE VA			
Q461		VARIANT(SEE VAR				R041		VARIANT(SEE VA			
Q462		VARIANT(SEE VAR	IANT PARTS	LIST)		R042		VARIANT(SEE VA		S LIST)	
Q501	8-729-140-50					R044	1-216-033-00	RES, CHIP	220	5%	1/10W
Q502 <u></u>	8-729-035-75	TRANSISTOR 2S	C5148(LBSON	IY)		R045		VARIANT(SEE VA	RIANT PART	S LIST)	
Q511 A	8-729-422-27	TRANSISTOR 2SI	D601A-Q			R046	1-247-815-91	CARBON	220	5%	1/4W
Q512 A	8-729-809-29	TRANSISTOR 2S	C4159-E			R047	1-249-417-11	CARBON	1K	5%	1/4W
Q551	8-729-216-22	TRANSISTOR 2SA	\1162-G			R048	1-249-417-11	CARBON	1K	5%	1/4W
Q552	8-729-422-27	TRANSISTOR 2SI	0601A-Q			R049	1-249-417-11	CARBON	1K	5%	1/4W
Q561	8-729-422-27					R052	1-216-061-00	RES, CHIP	3.3K	5%	1/10W
Q562	8-729-422-27	TRANSISTOR 2SI	0601A-Q			R053	1-216-061-00	RES, CHIP	3.3K	5%	1/10W
Q563	8-729-105-08	TRANSISTOR 2SA				R054	1-216-061-00	RES, CHIP	3.3K	5%	1/10W
Q1102	8-729-119-78	TRANSISTOR 2SO	2785-HFE			R055	1-216-097-91	RES, CHIP	100K	5%	1/10W
Q1103	8-729-422-27	TRANSISTOR 2SI	0601A-QRS-T	Χ		R056	1-216-033-00	RES, CHIP	220	5%	1/10W
	RESISTOR					R057	1-249-417-11	CARBON	1K	5%	1/4W
	RESISTOR					R058	1-216-033-00	RES, CHIP	220	5%	1/10W
R001	1-216-045-00	RES, CHIP	680	5%	1/10W	R064	1-216-033-00		220	5%	1/10W
R002	1-247-815-91		220	5%	1/4W	R065	1-216-033-00	RES, CHIP	220	5%	1/10W
R003	1-216-097-91	RES, CHIP	100K	5%	1/10W	R066	1-216-033-00	RES, CHIP	220	5%	1/10W
R004	1-216-121-91	RES, CHIP	100K	5%	1/10W	R067	1-216-041-00	RES, CHIP	470	5%	1/10W
R004	1-210-121-71	VARIANT(SEE VAR			17 10 00					• • • • • • • • • • • • • • • • • • • •	
11000		With the Cold with		Lioij		R068	1-247-815-91	CARBON	220	5%	1/4W
R007	1-216-073-00	RES, CHIP	10K	5%	1/10W	R069		VARIANT(SEE VA	RIANT PART	S LIST)	
R008		VARIANT(SEE VAR				R070	1-249-421-11	CARBON	2.2K	5%	1/4W
R009	1-216-073-00		10K	5%	1/10W	R071	1-247-815-91	CARBON	220	5%	1/4W
R010	1-216-037-00		330	5%	1/10W	R072	1-216-033-00	RES, CHIP	220	5%	1/10W
R011	1-216-065-91	RES, CHIP	4.7K	5%	1/10W						
						R073	1-216-033-00	RES, CHIP	220	5%	1/10W
R012		VARIANT(SEE VAR		•		R074	1-216-033-00	RES, CHIP	220	5%	1/10W
R013	1-216-065-91		4.7K	5%	1/10W	R075	1-216-033-00	RES, CHIP	220	5%	1/10W
R014	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	R076	1-216-033-00	RES, CHIP	220	5%	1/10W
R015	1-216-073-00	RES, CHIP	10K	5%	1/10W	R077	1-216-033-00	RES, CHIP	220	5%	1/10W
R016	1-216-073-00	RES, CHIP	10K	5%	1/10W	R078	1-249-417-11	CARBON	1K	5%	1/4W
R019	1-249-425-11	CARBON	4.7K	5%	1/4W	R079	1-216-033-00	RES, CHIP	220	5%	1/10W
R020	1-249-425-11		4.7K 4.7K	5%	1/4VV 1/10W	R080	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R020	1-216-033-00	RES, CHIP	220	5%	1/10W	R081	1-216-025-91	RES, CHIP	100	5%	1/10W
R021 R022	1-210-033-00	CARBON	10K	5% 5%	1/10W 1/4W	R082	1-216-025-91	RES, CHIP	100	5%	1/10W
R022	1-249-429-11	RES, CHIP	47K	5%	1/4VV 1/10W	11002	1 210 020-71	neo, orm	100	J /U	17 10 44
NUZJ	1-210-007-71	NLO, GITT	7/K	J /0	1/ 1044	R083	1-249-429-11	CARBON	10K	5%	1/4W
R024	1-249-381-11	CARBON	1	5%	1/4W	R084	1-216-049-91	RES, CHIP	1K	5%	1/10W
R025	1-163-010-11	CERAMIC CHIP	0.0012MF	10%	50V	R085		VARIANT(SEE VA	RIANT PART	S LIST)	
R026	1-163-038-91		0.1MF		25V	R087	1-247-815-91	CARBON	220	5%	1/4W
-					00)					

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V SERIES COMMON PARTS LISTING

REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>	REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>
R088		VARIANT(SEE VA	RIANT PAR	TS LIST)		R389	1-216-067-00	RES, CHIP	5.6K	5%	1/10V
R089	1-216-033-00	RES, CHIP	220	5%	1/10W	R390	1-216-035-00		270	5%	1/10V
R090		VARIANT(SEE VA				R391	1-208-810-11		15K	0.50%	1/10
R092	1-249-429-11	CARBON	10K	5%	1/4W	R392	1-216-025-91		100	5%	1/10\
R093	1-249-387-11	CARBON	3.3	5%	1/4W	11372	1 210 023 71	KLO, OTIII	100	370	1/101
1073	1-247-307-11	CARDON	3.3	370	1/ 4 VV	Dana	1 214 042 01	DEC CUID	E40	E0/	1/10\
2004	4 040 004 44	OADDON	4	F0/	4/04/	R393	1-216-043-91	,	560	5%	1/10\
R094	1-249-381-11		1	5%	1/4W	R394	1-216-059-00		2.7K	5%	1/10\
R096	1-216-347-11	METAL OXIDE	0.68	5%	1W	R395	1-216-061-00		3.3K	5%	1/10\
R097	1-216-065-91		4.7K	5%	1/10W	R396	1-249-417-11	CARBON	1K	5%	1/4W
R099	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	R397	1-249-425-11	CARBON	4.7K	5%	1/4W
R101	1-249-381-11	CARBON	1	5%	1/4W						
						R461		VARIANT(SEE VA	ARIANT PAR	TS LIST)	
R131	1-216-035-00	RES, CHIP	270	5%	1/10W	R462		VARIANT(SEE VA			
R132	1-216-115-00		560K	5%	1/10W	R463		VARIANT(SEE VA			
R133	1-216-039-00		390	5%	1/10W	R464		VARIANT(SEE VA			
R135	1-216-073-00	RES, CHIP		5%	1/10W	R465		VARIANT(SEE VA			
			10K			K403		VARIANT(SEE VA	ARIAINI FAR	13 [[31]	
R136	1-216-073-00	RES, CHIP	10K	5%	1/10W	Butt		\/ADIANT/0== · · ·	DIANT DAD	TO 1 10T	
		··-		=c:		R466		VARIANT(SEE VA			
R137	1-216-049-91		1K	5%	1/10W	R467		VARIANT(SEE VA			
R353	1-208-788-11		1.8K	0.50%	1/10W	R469		VARIANT(SEE VA		,	
R354	1-216-077-00	RES, CHIP	15K	5%	1/10W	R470		VARIANT(SEE VA	Ariant par	rs List)	
R355	1-216-033-00	RES, CHIP	220	5%	1/10W	R471		VARIANT(SEE VA	ARIANT PAR	TS LIST)	
R356	1-216-033-00	RES, CHIP	220	5%	1/10W			·			
						R472		VARIANT(SEE VA	ARIANT PAR	TS LIST)	
R358		VARIANT(SEE VA	ΡΙΔΝΤ ΡΔΡ	(T2LL2T		R473		VARIANT(SEE VA			
R359		VARIANT(SEE VA				R474		VARIANT(SEE VA			
R360	4 04/ 005 04	VARIANT(SEE VA		•	4 /4 0 14	R475		VARIANT(SEE VA			
R361	1-216-025-91	RES, CHIP	100	5%	1/10W	R476		VARIANT(SEE VA	ARIANI PAR	15 LIS1)	
R362	1-216-025-91	RES, CHIP	100	5%	1/10W						
						R477		VARIANT(SEE VA			
R363	1-216-025-91	RES, CHIP	100	5%	1/10W	R478		VARIANT(SEE VA	Ariant Par	rs List)	
R364	1-216-101-00	RES, CHIP	150K	5%	1/10W	R479		VARIANT(SEE VA	Ariant par	rs List)	
R365	1-216-101-00	RES, CHIP	150K	5%	1/10W	R480		VARIANT(SEE VA	ARIANT PAR	TS LIST)	
R366	1-216-089-91	RES, CHIP	47K	5%	1/10W	R481		VARIANT(SEE VA	ARIANT PAR	TS LIST)	
R367	1-216-097-91	RES, CHIP	100K	5%	1/10W			•		,	
				• • • • • • • • • • • • • • • • • • • •		R482		VARIANT(SEE VA	ARIANT PAR	(T2LL2T	
R368	1-249-441-11	CARBON	100K	5%	1/4W	R483		VARIANT(SEE VA			
							1 214 027 00	•			1/10\
R369	1-216-097-91		100K	5%	1/10W	R501	1-216-037-00		330	5%	1/10\
R370	1-249-417-11		1K	5%	1/4W	R502	1-216-061-00		3.3K	5%	1/10\
R371	1-216-053-00		1.5K	5%	1/10W	R503	1-249-426-11	CAKBON	5.6K	5%	1/4W
R372	1-216-113-00	RES, CHIP	470K	5%	1/10W	DEC.	4 045 015 11	METAL OVER	470	F 0.	0111
						R504 △	1-215-915-11	METAL OXIDE	470	5%	3W
R373	1-216-073-00		10K	5%	1/10W	R505	1-249-431-11	CARBON	15K	5%	1/4W
R374	1-216-125-00	RES, CHIP	1.5M	5%	1/10W	R506	1-215-861-00	METAL OXIDE	47	5%	1W
R375	1-216-025-91		100	5%	1/10W	R507	1-249-401-11		47	5%	1/4W
R376	1-216-073-00	•	10K	5%	1/10W	R508	1-249-427-11		6.8K	5%	1/4W
R379	1-216-033-00	•	220	5%	1/10W			×			
.01/	1 210 000 00	ALO, OTHI	220	370	17 10 11	R509	1-247-750-11	CARBON	680	5%	1/2W
200	1 247 015 01	CADDOM	220	E0/	1/////			METAL OXIDE	33	5%	1/2 VV
R380	1-247-815-91		220	5%	1/4W		1-213-000-11				IVV
R381	1-247-815-91		220	5%	1/4W	R511	1 045 007 44	VARIANT(SEE VA			0144
R382	1-216-033-00		220	5%	1/10W		1-215-886-11	METAL OXIDE	100	5%	2W
	1-216-049-91		1K	5%	1/10W	R515		VARIANT(SEE VA	ARIANT PAR	IS LIST)	
	1-216-109-00	RES, CHIP	330K	5%	1/10W						
	1-210-107-00					R516	1-216-057-00	RES, CHIP	2.2K	5%	1/10\
	1-210-107-00										
R384		CARBON	2.7K	5%	1/4W	R517	1-249-415-11	CARBON	680	5%	1/4W
R384 R385	1-249-422-11		2.7K RIANT PAR	5% (TS LIST)	1/4W	R517 R518	1-249-415-11 1-216-073-00		680 10K	5% 5%	
R383 R384 R385 R386 R387		VARIANT(SEE VA			1/4W 1/10W	R517 R518 R519	1-249-415-11 1-216-073-00 1-249-411-11	RES, CHIP	680 10K 330	5% 5% 5%	1/4W 1/10V 1/4W

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Note:

The components identified by

in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

PR32	REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>	REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>
1-249-429-11 CARBON 10K 5% 14W R110 1-216-013-00 RES, CHIP 10K 5% 110W R110 1-216-013-00 RES, CHIP 56 5% 110W R110 1-216-013-00 RES, CHIP 2-216 2-21	R523		VARIANT(SEE VAR	IANT PARTS	LIST)		D1107	1 21/ 0/5 01	DEC CUID	4 7V	E0/	1/10///
R552 1-216-0071-00 R5S, CHIP 9.2		1-249-429-11	•		•	1/4W						
R529 1-216-081-00 R55, CHIP 22K 5% 1/10W R1101 1-216-019-00 R55, CHIP 56 5% 1/10W R5630	R525	1-216-071-00	RES, CHIP	8.2K	5%	1/10W						
RES 1.208 809-11 RES CHIP 12K 0.50% 1/10W R1115 1.216-045-00 RES CHIP 100 0.50% 1/10W R1115 1.216-045-00 RES CHIP 2.2K 5% 1/10W R112 1.216-045-00 RES CHIP 2.2K 5% 1/10W R113 1.247-815-00 ARBON 2.20 5% 1/10W R113 1.247-815-00 ARBON 2.20 5% 1/10W R135 1.246-05-00 RES CHIP 2.2K 5% 1/10W R135		1-216-081-00	RES, CHIP		5%	1/10W						
Fig. 22 1-288-90-11 MESC, CHIP 100 0.59% 1/10W 1115 1-216-05-00 RES, CHIP 20 0.59% 1/10W 1118 1-249-425-11 CARBON 4.7k 5.9k 1/10W			VARIANT(SEE VAR		LIST)		R1111	1-216-019-00	RES CHIP	56	5%	1/10W
R532 1-208-760-11 RES. CHEP 120 0.50% 1/10W R1118 1-249-425-11 CARBON 4.7K 5% 1/4W R1126 1-216-057-00 RES. CHEP 2.0K 5% 1/10W R1126 1-21	■ R530 A	1-208-808-11				1/10W						
RES. CHP 120 0.50% 1/10W R1118 1.249-425-11 CARBON 4.7K 5% 1/10W R1158 1.249-437-11 CARBON 0.47 5% 1/10W R1120 1.216-037-00 RES. CHIP 2.2K 5% 1/10W R1120 1.216-037-00 RES. CHIP 2.2K 5% 1/10W R1125 1.216-037-00 RES. CHIP 2.2K 5% 1/10W R1126 1.216-037-00 RES. CHIP 2.2K 5% 1/10W R1350 1.247-815-91 CARBON 2.20 5% 1/10W R1350 1.246-037-00 RES. CHIP 2.2K 5% 1/10	R531		VARIANT(SEE VAR	IANT PARTS	LIST)							
R535 1-216-101-00 RES, CHP 150K 5% 1/10W R536 1-249-377-11 CARBON 0.47 5% 1/4W R537 1-249-377-11 CARBON 0.47 5% 1/4W R538 1-247-887-00 CARBON 220K 5% 1/4W R541 VARIANTI(SEE VARIANT PARTS LIST) R542 VARIANTI(SEE VARIANT PARTS LIST) R543 1-249-377-11 CARBON 0.47 5% 1/4W R544 1-215-457-00 METAL OXIDE 33K 1% 1/4W R549 1-215-437-00 METAL OXIDE 4.7K 1/4W R550 1-249-377-11 CARBON 0.47 5% 1/4W R550 1-249-379-31 CAR		1-208-760-11				1/10W						
R836 & 1-249-377-11 CARBON 0 0.47 5% 1/4W R1122 1-216-115-00 RES, CHIP 390 5% 1/10W R837 & 1-249-387-10 CARBON 0 20K 5% 1/4W R1123 1-216-039-00 RES, CHIP 390 5% 1/10W R842 1 - 249-387-11 CARBON 0 20K 5% 1/4W R1126 1-216-035-00 RES, CHIP 210 5% 1/10W R843 1 - 249-387-11 CARBON 0 0.47 5% 1/4W R1126 1-216-035-00 RES, CHIP 210 5% 1/10W R844 1 - 249-387-11 CARBON 0 0.47 5% 1/4W R1128 1-216-035-00 RES, CHIP 210 5% 1/10W R849 1 - 1-215-457-00 METAL OXIDE 4.7K 1/3% 1/4W R1128 1-216-039-00 RES, CHIP 390 5% 1/10W R849 1 - 1-215-437-00 METAL OXIDE 4.7K 1/3% 1/4W R1351 1 - 216-039-00 RES, CHIP 390 5% 1/10W R850 Δ 1 - 249-377-11 CARBON 0 4.7 5% 1/4W R1351 1 - 216-039-00 RES, CHIP 390 5% 1/10W R851 Δ 1 - 215-873-00 METAL OXIDE 4.7K 1/3% 1/4W R1352 1 - 247-315-91 CARBON 220 5% 1/4W R851 Δ 1 - 215-873-00 METAL OXIDE 4.7K 5% 1/10W R135 1 - 1216-033-00 RES, CHIP 200 5% 1/10W R852 Δ 1 - 269-377-11 CARBON 0 4.7 5% 1/4W R135 1 - 1216-033-00 RES, CHIP 200 5% 1/10W R852 Δ 1 - 269-377-10 CARBON 0 0.47 5% 1/4W R135 1 - 1216-033-00 RES, CHIP 200 5% 1/10W R852 Δ 1 - 229-377-11 CARBON 0 0.47 5% 1/4W R135 1 - 1216-033-00 RES, CHIP 200 5% 1/10W	R533		VARIANT(SEE VAR	IANT PARTS I	LIST)							
R836							R1121	1-216-035-00	RES. CHIP	270	5%	1/10W
R539 1-247-897-01 CARBON 20K 5% 1/4W R1125 1-216-697-00 RES, CHIP 270 5% 1/10W R1126 1-216-035-00 RES, CHIP 270 5% 1/10W R1351 1-247-815-91 CARBON 220 5% 1/10W R1351 1-247-815-91 CARBON 220 5% 1/10W R1351 1-247-815-91 CARBON 220 5% 1/10W R1352 1-247-815-91 CARBON 220 5% 1/10W R1354 1-216-035-00 RES, CHIP 220 5% 1/10W R1355 1-216-025-91 RES, CHIP 220 5% 1/10W R1356 1-216-025-91 RES, CHIP 220 5% 1/10W R1357 1-216-025-91 RES, CHIP 220 5% 1/10W R1356 1-216-025-91 RES, CHIP 220 5% 1/10W R1357 1-216-025-91 RES, CHIP 220 5% 1/10W R1357 1-216-025-91 RES, CHIP 220 5% 1/10W R1357 1-216-025-91 RES, C									•			
R584 -249-897-01 CARBON -220K 5% 1/10W R1125 1-216-633-00 RES, CHIP -23K 5% 1/10W R1136 -216-633-00 RES, CHIP -27C 5% 1/10W R1136 -247-815-91 CARBON -220 5% 1/10W R136 -247-815-91 CARBON -220 5% 1/4W R136 -246-033-00 RES, CHIP -22K 5% 1/10W R136 -246-033-00 RES, CHIP -22K 5% 1/10W R136 -247-815-91 CARBON -220 5% 1/4W R136 -246-033-00 RES, CHIP -22K 5% 1/10W R136 -246-035-91 RES, CHIP -22K 5% 1/10W R136 -24	R537 △	1-249-377-11	CARBON	0.47	5%	1/4W						
R541 VARIANTISEE VARIANT PARTS LIST R1126 1-216-035-00 RES, CHIP 270 5% 1/10W R154 1-215-457-00 METAL OXIDE 33K 1% 1/4W R1351 1-247-815-91 CARBON 2.20 5% 1/10W R155 1-215-437-00 METAL OXIDE 3.7K 1/4W R1351 1-247-815-91 CARBON 2.20 5% 1/4W R155 1-246-033-00 RES, CHIP 2.20 5% 1/4W R155 1-246-033-00 RES, CHIP 2.20 5% 1/4W R155 1-216-033-00 RES, CHIP 2.20 5% 1/10W R155 1-216-033-00 RES, CHIP 2.20 3/20	R538	1-247-887-00	CARBON	220K	5%	1/4W						
R546 1-216-49-377-11 CARBON 0.47 5% 1/4W R136 1-216-09-00 RES, CHIP 390 5% 1/10W R1364 1-215-457-00 METAL OXIDE 33K 1% 1/4W R135 1-247-815-91 CARBON 220 5% 1/4W R136 1-216-09-00 RES, CHIP 220 5% 1/4W R136 1-216-09-00 RES, CHIP 220 5% 1/10W R1365 ± 1-216-09-00 RES, CHIP 0.047 5% 1/4W R135 1-247-815-91 CARBON 220 5% 1/4W R136 1-216-09-00 RES, CHIP 0.05% 1/10W R136 1-216-09-00 RES, CHIP 0.05% 1/10W R1366 ± 1-216-09-00 RES, CHIP 0.05% 1/10W R1361 1-216-09-00 RES, CHIP 0.	R541		VARIANT(SEE VAR	IANT PARTS	LIST)							
R343 1-249-337-11 CARBON 0.47 5% 1/4W R354 1-216-039-00 RES, CHIP 390 5% 1/10W R354 1-215-437-00 METAL OXIDE 33K 1% 1/4W R355 1-247-815-91 CARBON 220 5% 1/4W R355 1-248-815-91 CARBON 220 5% 1/4W R356 Δ 1-248-393-11 CARBON 10 5% 1/4W R356 Δ 1-248-393-11 CARBON 22 5% 1/4W R356 Δ 1-248-393-10 CARBON 22 5% 1/4W R356 Δ 1-248-393-11 CARBON 22 5% 1/4W R356 Δ 1-2	R542		VARIANT(SEE VAR	IANT PARTS	LIST)		D1127	1 216 115 00	DEC CHID	24UK	5%	1/10\\/
R846 VARIANT SEE VARIANT PARTS LIST R847 1-215-457-00 METAL OXIDE 33X 1% 1/4W R1351 1-247-815-91 CARBON 220 5% 1/4W R1352 1-247-815-91 CARBON 1/10W R1352 1-247-807-31 CARBON 1/10W	R543	1-249-377-11	CARBON	0.47	5%	1/4W						
R549 1-215-457-00 METAL OXIDE 33K 1/8 1/4W R1351 1-247-815-91 CARBON 220 5% 11/4W R1352 1-216-087-90 RES, CHIP 6.8K 5% 11/10W R1355 1-216-025-91 RES, CHIP 220 5% 11/10W R1355 1-216-025-91 RES, CHIP 100 5% 11/10W R1350 1-216-025-91 RES, CHIP 100 5% 11/10W R1365 ∆ 1-215-890-11 METAL OXIDE 470 5% 2W R1361 1-216-065-91 RES, CHIP 10K 5% 11/10W R1360 1-216-065-91 RES, CHIP 10K 5% 11/10W R1360 1-216-065-91 RES, CHIP 4.7K 5% 11/10W R1361 1-216-065-91 RES, CHIP 22K 5% 11/10W R1361 1-216-065-91 RES, CHIP 4.7K 5% 11/10W R1361 1-216-087-91 RES, CHIP 22K 5% 11/10W R1361 1-216-087-91 RES, CHIP 22K 5% 11/10W R1361 1-216-087-91 RES, CHIP 10K 5% 11/10	R546		VARIANT(SEE VAR	IANT PARTS	LIST)				•			
R550 △ 1-249-377-11 CARBON 0.47	R547	1-215-457-00	METAL OXIDE	33K	1%	1/4W						
R551	R549	1-215-437-00	METAL OXIDE	4.7K	1%							
R551	D550 A	1_2/10_377_11	CAPRON	0.47	5%	1//W						
R552 1-216-069-00 RES, CHIP 6.8K 5% 1/10W R553 1-216-025-91 RES, CHIP 100 5% 1/10W R553 1-216-025-91 RES, CHIP 100 5% 1/10W R1355 1-216-025-91 RES, CHIP 100 5% 1/10W R1350 1-216-025-91 RES, CHIP 100 5% 1/10W R1355 1-216-025-91 RES, CHIP 100 5% 1/10W R1355 1-216-025-91 RES, CHIP 100 5% 1/10W R1350 1-216-025-91 RES, CHIP 100 5% 1/10W R1360 1-216-039-90 RES, CHIP 100 5% 1/10W R1360 1-216-039-90 RES, CHIP 10K 5% 1/10W R1360 1-216-039-91 RES, CHIP 10												
R553 ▲ 1-249-377-11 CARBON 0.47 5% 1/4W R554 1-216-057-00 RES, CHIP 2.2K 5% 1/10W R1357 1-216-025-91 RES, CHIP 100 5% 1/10W R1357 1-216-025-91 RES, CHIP 100 5% 1/10W R563 ★ 1-216-579-00 RES, CHIP 100 5% 1/10W R563 ★ 1-216-591-00 RES, CHIP 100 5% 1/10W R1357 1-216-025-91 RES, CHIP 100 5% 1/10W R1353 ★ 1-247-807-3.1 CARBON 10 5% 1/4W R1359 1-216-025-91 RES, CHIP 100 5% 1/10W R1350 1-216-025-91 RES, CHIP 100 5% 1/10W R130 1-216-025-91 RES, CHIP 100 10K 5% 1/10W R130 1-216-025-91												
R554 1-216-057-00 RES, CHIP 2.2K 5% 1/10W R1357 1-216-025-91 RES, CHIP 100 5% 1/10W R561 1-216-073-00 RES, CHIP 10K 5% 1/10W R1358 1-247-807-31 CARBON 10 5% 1/10W R1358 1-247-807-31 CARBON 100 5% 1/10W R1358 1-247-807-31 CARBON 100 5% 1/10W R1358 1-247-807-31 CARBON 100 5% 1/10W R1359 1-216-025-91 RES, CHIP 100 5% 1/10W R1359 1-216-069-00 RES, CHIP 4.7K 5% 1/10W R1361 1-216-069-00 RES, CHIP 4.7K 5% 1/10W R1361 1-216-069-01 RES, CHIP 4.7K 5% 1/10W R1362 1-216-069-91 RES, CHIP 10K 5% 1/10W R1362 1-216-069-91 RES, CHIP 10K 5% 1/10W R1362 1-216-069-91 RES, CHIP 10K 5% 1/10W R1362 1-216-093-91 RES, CHIP 12K 5% 1/10W R1362 1-216-093-90 RES, CHIP 12K 5% 1/10W			•									
R561 1-216-073-00 RES, CHIP 10K 5% 1/10W R563 Å 1-216-351-00 METAL OXIDE 1.5 5% 1W R1359 1-216-025-91 RES, CHIP 100 5% 1/10W R1360 1-216-069-00 RES, CHIP 10K 5% 1/10W R1360 1-216-069-00 RES, CHIP 10K 5% 1/10W R1360 1-216-069-10 RES, CHIP 4.7K 5% 1/10W R1360 1-216-069-10 RES, CHIP 4.7K 5% 1/10W R1360 1-216-069-10 RES, CHIP 10K 5% 1/10W R1360 1-216-069-10 RES, CHIP 4.7K 5% 1/10W R1360 1-216-069-10 RES, CHIP 10K 5% 1/10W R1360 1-216-097-91 RES, CHIP 10K 5% 1/10W R1360 1-216-097-91 RES, CHIP 22K 5% 1/10W R1360 RES, CHIP 22K 5% 1/10W R1360 RES, CHIP 10K 5% 1/10W R1360 RES,							R1356	1-216-025-91		100		
R563	K334	1-210-037-00	RES, CHIP	2.2K	370	1/1000	R1357	1-216-025-91	RES, CHIP	100	5%	1/10W
R563	R561	1-216-073-00	RES, CHIP			1/10W	P1358	1-247-807-31	CARRON	100	5%	1/4W/
R564 1-249-393-11 CARBON 10 5% 1/4W R565 1-216-073-00 RES, CHIP 10K 5% 1/10W R566 1-216-073-00 RES, CHIP 10K 5% 1/10W R569 1-216-073-00 RES, CHIP 10K 5% 1/10W R570 1-216-089-01 RES, CHIP 10K 5% 1/10W R571 1-216-081-00 RES, CHIP 10K 5% 1/10W R572 1-216-081-00 RES, CHIP 10K 5% 1/10W R573 1-216-081-00 RES, CHIP 22K 5% 1/10W R574 △ 1-216-365-00 METAL OXIDE 0.47 5% 2W R575 1-216-173-00 RES, CHIP 10K 5% 1/10W R576 1-216-073-00 RES, CHIP 10K 5% 1/10W R577 1-216-081-00 RES, CHIP 10K 5% 1/10W R578 1-208-842-11 RES, CHIP 10K 5% 1/10W R579 1-208-842-11 RES, CHIP 10K 5% 1/10W R579 1-208-842-11 RES, CHIP 10K 5% 1/10W R579 1-208-842-11 RES, CHIP 10K 5% 1/10W R570 1-216-049-01 METAL OXIDE 2ZK 5% 1/10W R571 1-216-049-01 METAL OXIDE 2ZK 5% 1/10W R572 1-216-081-00 RES, CHIP 10K 5% 1/10W R573 1-208-79-1 RES, CHIP 10K 5% 1/10W R574 △ 1-216-073-00 RES, CHIP 10K 5% 1/10W R577 1-216-073-00 RES, CHIP 10K 5% 1/10W R578 1-208-79-1 RES, CHIP 10K 5% 1/10W R579 1-208-842-11 RES, CHIP 10K 5% 1/10W R570 1-216-090-01 METAL OXIDE 2ZK 5% 2W R570 1-216-049-01 METAL OXIDE 2ZK 5% 2W R570 1-216-049-01 METAL OXIDE 2ZK 5% 2W R570 1-216-049-01 METAL OXIDE 2ZK 5% 2W R103 1-216-049-01 METAL OXIDE 2ZK 5% 2W R104 1-216-049-01 METAL OXIDE 2ZK 5% 1/10W R105 1-216-689-11 RES, CHIP 27K 5% 1/10W R106 1-216-689-11 RES, CHIP 27K 5% 1/10W R107 1-216-689-11 RES, CHIP 27K 5% 1/10W R108 1-216-689-11 RES, CHIP 39K 5% 1/10W R109 1-216-689-11 RES, CHIP 27K 5% 1/10W R100 1-216-689-11 RES, CHIP 39K 5% 1/10W R100 1-216-689-11 RES, CHIP 27K 5% 1/10W R100 1-216-689-11 RES, CHIP 39K 5% 1/10W	R563 ∧	1-216-351-00	METAL OXIDE	1.5	5%	1W						
R566 1-216-073-00 RES, CHIP 10K 5% 1/10W R566 1-216-073-00 RES, CHIP 10K 5% 1/10W R568 1-216-073-00 RES, CHIP 10K 5% 1/10W R569 1-216-073-00 RES, CHIP 10K 5% 1/10W R570 1-216-097-91 RES, CHIP 10K 5% 1/10W R571 1-216-081-00 RES, CHIP 22K 5% 1/10W R572 1-216-081-00 RES, CHIP 10K 5% 1/10W R573 1-216-097-91 RES, CHIP 100K 5% 1/10W R574 △ 1-216-365-00 METAL OXIDE 0.47 5% 2W R575 1-216-113-00 RES, CHIP 10K 5% 1/10W R576 1-216-073-00 RES, CHIP 10K 5% 1/10W R577 1-216-081-00 RES, CHIP 10K 5% 1/10W R578 1-208-384-11 RES, CHIP 10K 5% 1/10W R579 1-208-842-11 RES, CHIP 330K 0.50% 1/10W R579 1-208-842-11 RES, CHIP 330K 0.50% 1/10W R579 1-208-042-11 RES, CHIP 330K 0.50% 1/10W R1101 1-216-049-91 RES, CHIP 1 K 5% 1/10W R1101 1-216-049-91 RES, CHIP 1 K 5% 1/10W R1101 1-216-051-00 RES, CHIP 2 ZK 5% 2 W R1101 1-216-051-00 RES, CHIP 1 RES, CHIP 30K 5% 1/10W R1101 1-216-051-00 RES, CHIP 1 RES, CHIP 30K 5% 1/10W R1101 1-216-051-00 RES, CHIP 1 RES, CHIP 30K 5% 1/10W R1101 1-216-051-00 RES, CHIP 1 RES, CHIP 30K 5% 1/10W R1101 1-216-051-00 RES, CHIP 5% 1/10W R1101 1-216-058-00 RES, CHIP 5% 1/10W R1101 1-216-058-01 RES, CHIP	R564	1-249-393-11	CARBON	10	5%	1/4W			•			
R566 1-216-073-00 RES, CHIP 10K 5% 1/10W R568 1-216-073-00 RES, CHIP 10K 5% 1/10W R569 1-216-073-00 RES, CHIP 10K 5% 1/10W R570 1-216-097-91 RES, CHIP 100K 5% 1/10W R571 1-216-081-00 RES, CHIP 22K 5% 1/10W R573 1-216-081-00 RES, CHIP 22K 5% 1/10W R573 1-216-097-91 RES, CHIP 100K 5% 1/10W R574	R565 △	1-215-890-11	METAL OXIDE	470	5%	2W						
R568 1-216-073-00 RES, CHIP 10K 5% 1/10W R569 1-216-073-00 RES, CHIP 10K 5% 1/10W R570 1-216-097-91 RES, CHIP 10K 5% 1/10W R571 1-216-081-00 RES, CHIP 22K 5% 1/10W TRANSFORMER R572 1-216-081-00 RES, CHIP 22K 5% 1/10W R573 1-216-097-91 RES, CHIP 100K 5% 1/10W R574 △ 1-216-365-00 METAL OXIDE 0.47 5% 2W R575 1-216-113-00 RES, CHIP 10K 5% 1/10W R576 1-216-097-91 RES, CHIP 10K 5% 1/10W R576 1-216-097-91 RES, CHIP 10K 5% 1/10W R576 1-216-097-91 RES, CHIP 10K 5% 1/10W R578 1-208-842-11 RES, CHIP 10K 5% 1/10W R579 1-208-842-11 RES, CHIP 330K 0.50% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/10W R1101 1-216-049-91 RES, CHIP 1X 5% 1/10W R1101 1-216-049-91 RES, CHIP 1X 5% 1/10W R1101 1-216-083-00 RES, CHIP 12K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W R1105 1-216-689-11 RES, CHIP 3	R566	1-216-073-00	RES, CHIP	10K	5%	1/10W				4.71	J 70	171000
R568 1-216-073-00 RES, CHIP 10K 5% 1/10W R570 1-216-097-91 RES, CHIP 10K 5% 1/10W R571 1-216-081-00 RES, CHIP 22K 5% 1/10W TRANSFORMER R572 1-216-081-00 RES, CHIP 22K 5% 1/10W R573 1-216-097-91 RES, CHIP 100K 5% 1/10W R574	R567 ∧	1-249-385-11	CARBON	2.2	5%	1/4W		SWITCH				
R570 1-216-097-91 RES, CHIP 100K 5% 1/10W R571 1-216-081-00 RES, CHIP 22K 5% 1/10W R572 1-216-081-00 RES, CHIP 22K 5% 1/10W R573 1-216-097-91 RES, CHIP 100K 5% 1/10W R574 △ 1-216-365-00 METAL OXIDE 0.47 5% 2W R575 1-216-113-00 RES, CHIP 470K 5% 1/10W R576 1-216-073-00 RES, CHIP 100K 5% 1/10W R578 1-208-784-11 RES, CHIP 100K 5% 1/10W R579 1-208-842-11 RES, CHIP 330K 0.50% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/10W R1101 1-216-049-91 RES, CHIP 1 METAL OXIDE 22K 5% 1/10W R1102 1-215-900-11 METAL OXIDE 22K 5% 1/10W R1103 1-216-051-00 RES, CHIP 27K 5% 1/10W R1104 1-216-083-00 RES, CHIP 39K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W R1107 1-216-689-11 RES, CHIP 39K 5% 1/10W R1108 1-216-689-11 RES, CHIP 39K 5% 1/10W R1109 TEAL OXIDE 27K 5% 1/10W R1100 1-216-689-11 RES, CHIP 39K 5% 1/10W	R568	1-216-073-00	RES, CHIP	10K	5%	1/10W		<u>JWITCII</u>				
R570 1-216-097-91 RES, CHIP 100K 5% 1/10W R571 1-216-081-00 RES, CHIP 22K 5% 1/10W R572 1-216-081-00 RES, CHIP 22K 5% 1/10W R573 1-216-097-91 RES, CHIP 100K 5% 1/10W R574	R569	1-216-073-00	RES, CHIP	10K	5%	1/10W	S501	1-572-707-11	SWITCH LEVER			
R572 1-216-081-00 RES, CHIP 22K 5% 1/10W R573 1-216-097-91 RES, CHIP 100K 5% 1/10W R575 1-216-365-00 METAL OXIDE 0.47 5% 2W R576 1-216-073-00 RES, CHIP 10K 5% 1/10W R576 1-216-097-91 RES, CHIP 10K 5% 1/10W R578 1-208-784-11 RES, CHIP 10K 5% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/10W R101 1-216-049-91 RES, CHIP 1 K 5% 1/10W R103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R103 1-216-083-00 RES, CHIP 1.2K 5% 1/10W R103 1-216-083-00 RES, CHIP 1.2K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W R105 1-216-689-11 RES, CHIP 30K 5% 1/10W R105 1-216-88-11 RES, CHIP 30K 5% 1/10W R105 1-216-88-11 RES, CHIP 30K 5%	R570	1-216-097-91	RES, CHIP	100K	5%	1/10W	3001	1 072 707 11	OWN ON, ELVER			
R573 1-216-097-91 RES, CHIP 100K 5% 1/10W R574 △ 1-216-365-00 METAL OXIDE 0.47 5% 2W R575 1-216-113-00 RES, CHIP 470K 5% 1/10W R576 1-216-073-00 RES, CHIP 10K 5% 1/10W R578 1-208-784-11 RES, CHIP 1.2K 0.50% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/10W R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 1.2K 5% 1/10W R1105 1-216-089-11 RES, CHIP 27K 5% 1/10W R1105 1-216-089-11 RES, CHIP 39K 5% 1/10W R1105 1-216-089-11 RES, CHIP 30K 5% 1/10W R1105 1-216-089-11 RES, CHI	R571	1-216-081-00	RES, CHIP	22K	5%	1/10W		TRANSFORM	<u>MER</u>			
R573 1-216-097-91 RES, CHIP 100K 5% 1/10W R574 △ 1-216-365-00 METAL OXIDE 0.47 5% 2W R575 1-216-113-00 RES, CHIP 470K 5% 1/10W R576 1-216-073-00 RES, CHIP 10K 5% 1/10W R578 1-208-784-11 RES, CHIP 1.2K 0.50% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/10W R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 1.2K 5% 1/10W R1105 1-216-089-11 RES, CHIP 27K 5% 1/10W R1105 1-216-089-11 RES, CHIP 39K 5% 1/10W R1105 1-216-089-11 RES, CHIP 30K 5% 1/10W R1105 1-216-089-11 RES, CHI	R572	1-216-081-00	RES, CHIP	22K	5%	1/10W	TEN1	1 /27 210 11	TDANCEODATED	JODIZOVITA I	חסוער	
R574								1-43/-210-11				
R575 1-216-113-00 RES, CHIP 470K 5% 1/10W R576 1-216-073-00 RES, CHIP 10K 5% 1/10W R577 1-216-097-91 RES, CHIP 100K 5% 1/10W R578 1-208-784-11 RES, CHIP 1.2K 0.50% 1/10W R579 1-208-842-11 RES, CHIP 330K 0.50% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/4W R1101 1-216-049-91 RES, CHIP 1 K 5% 1/10W R1102 1-215-900-11 METAL OXIDE 22K 5% 2W R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W R106 1-216-689-11 RES, CHIP 39K 5% 1/10W		1-216-365-00	•									
R576 1-216-073-00 RES, CHIP 10K 5% 1/10W R577 1-216-097-91 RES, CHIP 100K 5% 1/10W R578 1-208-784-11 RES, CHIP 1.2K 0.50% 1/10W R579 1-208-842-11 RES, CHIP 330K 0.50% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/4W R1101 1-216-049-91 RES, CHIP 1K 5% 1/10W R1102 1-215-900-11 METAL OXIDE 22K 5% 2W R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W	R575	1-216-113-00	RES, CHIP	470K	5%	1/10W						
R577 1-216-097-91 RES, CHIP 100K 5% 1/10W R578 1-208-784-11 RES, CHIP 1.2K 0.50% 1/10W R579 1-208-842-11 RES, CHIP 330K 0.50% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/4W R1101 1-216-049-91 RES, CHIP 1K 5% 1/10W R1102 1-215-900-11 METAL OXIDE 22K 5% 2W R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W							1504		VARIANT(SEE VAR	IANT PARTS	LISI)	
R578 1-208-784-11 RES, CHIP 1.2K 0.50% 1/10W R579 1-208-842-11 RES, CHIP 330K 0.50% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/4W R1101 1-216-049-91 RES, CHIP 1K 5% 1/10W R1102 1-215-900-11 METAL OXIDE 22K 5% 2W R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W	R577	1-216-097-91	RES CHIP	100K	5%	1/10W		<u>TUNER</u>				
R579 1-208-842-11 RES, CHIP 330K 0.50% 1/10W R580 1-249-441-11 CARBON 100K 5% 1/4W R1101 1-216-049-91 RES, CHIP 1K 5% 1/10W R1102 1-215-900-11 METAL OXIDE 22K 5% 2W R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W							T11400 A	0.500.404.00	TUNED FOR DIE	18/8 444		
R580 1-249-441-11 CARBON 100K 5% 1/4W R1101 1-216-049-91 RES, CHIP 1K 5% 1/10W R1102 1-215-900-11 METAL OXIDE 22K 5% 2W R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W							10102 ∆	8-598-431-00	TUNER, FSS BIF-	-WA411		
R1101 1-216-049-91 RES, CHIP 1K 5% 1/10W R1102 1-215-900-11 METAL OXIDE 22K 5% 2W R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W			•									
R1102 1-215-900-11 METAL OXIDE 22K 5% 2W R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W								CRYSTAL				
R1102 1-215-900-11 METAL OXIDE 22K 5% 2W X353 1-567-505-11 OSCILLATOR, CRYSTAL R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W							X001	1-578-774-11	VIBRATOR, CRYST	AL		
R1103 1-216-051-00 RES, CHIP 1.2K 5% 1/10W X354 1-577-611-11 OSCILLATOR, CERAMIC CHIP R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W												
R1104 1-216-083-00 RES, CHIP 27K 5% 1/10W R1105 1-216-689-11 RES, CHIP 39K 5% 1/10W												
		1-216-083-00	•		5%			• (1 11				
R1106 1-216-049-91 RES, CHIP 1K 5% 1/10W		1-216-689-11		39K								
	R1106	1-216-049-91	RES, CHIP	1K	5%	1/10W						



S SERIES BOARD VARIANT PARTS LIST

The parts on this page belong to the following model(s) only:

KV-32S40/34SL40/34SL40C

Note:

The components identified with shading and a critical symbol (\(\text{\Delta} \)) are critical for safety. Replace only with part number specified.

Note:

The components identified by

in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

REF.NO.	PART NO.	DESCRIPTION		REN	<u>ARK</u>
A BC KV-3	ARD VAR 2S40/34SI	IANT LIST: L40/34SL400)		
	* A-1298-630	-A A BOARD, CO	OMPLETE		
	CAPACITOR				
C068 C370 C375 C513 A C514 A	1-164-096-11 1-163-037-11 1-165-319-11 1-130-895-00 1-104-844-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP FILM FILM	0.01MF 0.022MF 0.1MF 0.056MF 0.62MF	10% 5% 5%	50V 50V 50V 400V 200V
C520 C521 C537 C539 A C1501	1-164-645-11 1-164-161-11 1-126-941-11 1-126-935-11 1-115-462-11		1000PF 0.0022MF 470MF 470MF 0.12MF	10% 10% 20% 20% 5%	500V 50V 25V 16V 200V
	DIODE				
D005 D006	8-719-991-33 1-810-039-31	DIODE 1SS133T- LED UNIT	17		
	<u>IC</u>				
IC003 IC1261	8-742-014-11 8-759-366-77	HYB IC SBX1981- IC MM1311AD	-51		
	CHIP CONDU	JCTOR .			
JR351 JR352 JR1264	1-216-295-91 1-216-295-91 1-216-295-91	SHORT SHORT SHORT			
	RESISTOR				
R059 R060 R061 R062 R063	1-216-047-91 1-216-049-91 1-216-055-00 1-216-065-91 1-216-073-00	RES, CHIP RES, CHIP RES, CHIP RES, CHIP RES, CHIP	820 1K 1.8K 4.7K 10K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W
R365 R374 R469 R472 R511 🛦	1-216-101-00 1-216-125-00 1-216-069-00 1-216-069-00 1-215-885-00	RES, CHIP RES, CHIP RES, CHIP RES, CHIP METAL	150K 1.5M 6.8K 6.8K 68	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 2W
R515 R523 R529 R531 🛦	1-216-083-00 1-216-073-00 1-208-814-11 1-208-826-11	RES, CHIP RES, CHIP RES, CHIP RES, CHIP	27K 10K 22K 68K	5% 5% 0.50% 0.50%	1/10W 1/10W 1/10W 1/10W

REF.NO.	PART NO.	DESCRIPTION		REMA	RK
R535	1-216-101-00	RES, CHIP	150K	5%	1/10W
R546	1-215-453-00	METAL	22K	1%	1/4W
R1009	1-216-033-00	RES, CHIP	220	5%	1/10W
R1010	1-216-033-00	RES, CHIP	220	5%	1/10W
	<u>SWITCH</u>				
S001	1-692-431-21	SWITCH, TACTILE			
S002	1-692-431-21	SWITCH, TACTILE			
S003	1-692-431-21	SWITCH, TACTILE			
S004	1-692-431-21	SWITCH, TACTILE			
S005	1-692-431-21	SWITCH, TACTILE			
S006	1-692-431-21	SWITCH, TACTILE			
S007	1-692-431-21	SWITCH, TACTILE			
	TRANSFORM	<u>//ER</u>			
T502 △	1-424-545-11	TRANSFORMER FI	ERRITE (PM	T)	
T503 ∆	1-453-207-11	FLYBACK TRANSF	ORMER ASS	SY, NX-260	09//X4C
	<u>TUNER</u>				
TU102 ∆	8-598-431-00	TUNER, FSS BTF-	WA411		

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Note:

The components identified by Methods in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.



S SERIES BOARD VARIANT PARTS LIST

The parts on this page belong to the following model(s) only:

KV-32S45/34SL45

umber sp	becined.	nally used.			
REF.NO.	PART NO.	DESCRIPTION		REI	MARK
A BC	ARD VAR	IANT LIST: K	V-32S45	/34SL	45
	* A-1298-631	-A A BOARD, CO	OMPLETE		
	CAPACITOR				
C370	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C513 △	1-130-895-00	FILM	0.056MF	5%	400V
	1-104-844-11	FILM	0.62MF	5%	200V
C520	1-164-645-11				500V
C521	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C537	1-126-941-11	ELECT	470MF	20%	25V
C539 △	1-126-935-11	ELECT	470MF	20%	16V
C1241	1-136-161-00	FILM	0.047MF	5%	50V
C1242	1-126-960-11	ELECT	1MF	20%	50V
C1243	1-126-960-11	ELECT	1MF	20%	50V
C1501	1-115-462-11	FILM	0.12MF	5%	200V
	CONNECTOR	3			
CN1001*	1-564-512-11	PLUG, CONNECT	OR 9P		
CN3001	1-573-298-11	CONNECTOR, BC		RD	
	DIODE				
D368	8-719-991-33	DIODE 1SS133T-	77		
D300	0-717-771-33	DIODE 1331331-	11		
	<u>IC</u>				
IC1261	8-759-534-81	IC MM1313AD			
	<u>JACK</u>				
J1233	1-774-749-11	JACK BLOCK, PIN	V		
	RESISTOR				
R012	1-216-033-00	RES, CHIP	220	5%	1/10V
R022	1-249-429-11	CARBON	10K	5%	1/4W
R031	1-247-815-91	CARBON	220	5%	1/4W
R358	1-247-815-91	CARBON	220	5%	1/4W
R359	1-247-815-91	CARBON	220	5%	1/4W
R360	1-247-815-91	CARBON	220	5%	1/4W
R365	1-216-101-00	RES. CHIP	150K	5%	1/10V
R374	1-216-125-00	RES, CHIP	1.5M	5%	1/10V
R386	1-216-049-91	RES, CHIP	1K	5%	1/10V
R469	1-216-069-00	RES, CHIP	6.8K	5%	1/10V
R472	1-216-069-00	RES, CHIP	6.8K	5%	1/10V
R472 R511 <u>A</u>	1-215-885-00	METAL	68	5%	2W
R515	1-216-083-00	RES, CHIP	27K	5%	1/10W
11010	1-210-003-00	NEO, OTH	2113	3 70	1/101

	REF.NO.	PART NO.	DESCRIPTION		REMA	<u>IRK</u>
	R523	1-216-073-00	RES, CHIP	10K	5%	1/10W
	R529	1-208-814-11	RES, CHIP	22K	0.50%	1/10W
ŀ	₹R531 A	1-208-826-11	RES, CHIP	68K	0.50%	1/10W
	R533 △	1-215-902-11	METAL	47K	5%	1W
	R535	1-216-101-00	RES, CHIP	150K	5%	1/10W
	R546	1-215-453-00	METAL	22K	1%	1/4W
	R1249	1-216-022-00	RES, CHIP	75	5%	1/10W
	R1250	1-216-113-00	RES, CHIP	470K	5%	1/10W
	R1251	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
	R1252	1-216-113-00	RES, CHIP	470K	5%	1/10W
	R1253	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
	R1273	1-216-033-00	RES, CHIP	220	5%	1/10W
	R1274	1-216-025-91	RES, CHIP	100	5%	1/10W
	R1283	1-247-791-91	CARBON	22	5%	1/4W
	R1297	1-216-025-91	RES, CHIP	100	5%	1/10W
		TRANSFORM	<u>/IER</u>			

<u>TUNER</u>

TU102 A 8-598-431-00 TUNER, FSS BTF-WA411

T502 ⚠ 1-424-545-11 TRANSFORMER FERRITE (PMT)

T503 ⚠ 1-453-207-11 FLYBACK TRANSFORMER ASSY, NX-2609//X4C



S SERIES BOARD VARIANT PARTS LIST

The parts on this page belong to the following model(s) only:

KV-35S40

Note:

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Note:

The components identified by

in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

REF.NO.	PART NO.	DESCRIPTION		REM	ARK
A BO	ARD VARI	ANT LIST: K	V-35S40		
*	A-1298-645- <i>I</i>	A A BOARD COM	1PLETE		
	CAPACITOR				
C069 C370 C375 C513 A	1-126-964-11 1-163-035-00 1-165-319-11 1-129-720-00		10MF 0.047MF 0.1MF 0.033MF	20%	50V 50V 50V 630V
C514 A	1-136-540-11	FILM	0.82MF	5%	200V
C520 C521 C537 C539 A C542	1-101-821-00 1-164-182-11 1-126-942-61 1-126-942-61 1-106-383-00	CERAMIC CHIP CERAMIC CHIP ELECT ELECT MYLAR	0.0022MF 0.0033MF 1000MF 1000MF 0.047MF	10% 20% 20% 10%	500V 50V 25V 25V 200V
C1241 C1242 C1243	1-136-161-00 1-126-960-11 1-126-960-11	FILM ELECT ELECT	0.047MF 1MF 1MF	5% 20% 20%	50V 50V 50V
	CONNECTOR	3			
CN1001*	1-564-512-11	PLUG, CONNECTO	OR 9P		
	<u>IC</u>				
IC1261	8-759-366-77	IC MM1311AD			
	<u>JACK</u>				
J1233	1-774-749-11	JACK BLOCK, PIN	I		
	CHIP CONDU	<u>JCTOR</u>			
JR351 JR352 JR1264	1-216-295-91 1-216-295-91 1-216-295-91	SHORT SHORT SHORT			
	COIL				
L541	1-406-677-11	INDUCTOR			
	RESISTOR				
R022 R069 R085 R365 R374	1-249-429-11 1-216-073-00 1-216-073-00 1-216-097-91 1-216-121-91	CARBON RES, CHIP RES, CHIP RES, CHIP RES, CHIP	10K 10K 10K 100K 1M	5% 5% 5% 5% 5%	1/4W 1/10W 1/10W 1/10W 1/10W

REF.NO.	PART NO.	DESCRIPTION		REMAI	<u>RK</u>
R469	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R472	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R511 △	1-215-886-11	METAL	100	5%	2W
R515	1-216-077-00	RES, CHIP	15K	5%	1/10W
R523	1-216-071-00	RES, CHIP	8.2K	5%	1/10W
R529	1-208-812-11	RES, CHIP	18K	0.50%	1/10W
™ R531 🛕	1-208-838-11	RES, CHIP	220K	0.50%	1/10W
R533 ⚠	1-215-878-00	METAL	33K	5%	1W
R535	1-216-103-00	RES, CHIP	180K	5%	1/10W
R541	1-249-377-11	CARBON	0.47	5%	1/4W
R542	1-249-397-11	CARBON	22	5%	1/4W
R546	1-215-451-00	METAL	18K	1%	1/4W
R1249	1-216-022-00	RES, CHIP	75	5%	1/10W
R1250	1-216-113-00	RES, CHIP	470K	5%	1/10W
R1251	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R1252	1-216-113-00	RES, CHIP	470K	5%	1/10W
R1253	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R1273	1-216-033-00	RES, CHIP	220	5%	1/10W
R1274	1-216-025-91	RES, CHIP	100	5%	1/10W
R1283	1-247-791-91	CARBON	22	5%	1/4W
R1296	1-216-025-91	RES, CHIP	100	5%	1/10W

TRANSFORMER

T502 △	1-429-408-11	TRANSFORMER FERRITE (PMT)
T503 △	X-4034-797-1	FLYBACK TRANSFORMER ASSY, NX-3005//J1C
T504	1-413-059-00	TRANSFORMER FERRITE (DFT)

TUNER

TU102 △ 8-598-431-00 TUNER, FSS BTF-WA411

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Note:

The components identified by

in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.



S SERIES BOARD VARIANT PARTS LIST

The parts on this page belong to the following model(s) only:

KV-35S45/37SL45

		,					_	
REF.NO.	. PART NO. DESCRIPTION REMARK							
A ROA	ABD VABI	ANT LIST: K\	1-355/15/	2751 /	5		R386	
				3/3L4	<u>J</u>		R469	
*	A-1298-646-A	a Board, Coi	MPLETE				R472	
	OADA OITOD					ļ	R511 ∆	
	CAPACITOR						R515	
C069	1-126-964-11	ELECT	10MF	20%	50V	١.	DEGG	
C370	1-163-035-00	CERAMIC CHIP	0.047MF	2070	50V		R523	
	1-129-720-00		0.033MF	5%	630V		R529 R531 △	
C514 △	1-136-540-11	FILM	0.82MF	5%	200V		R533 A	
C520	1-101-821-00	CERAMIC CHIP	0.0022MF		500V		R535	
						·	11333	
C521		CERAMIC CHIP	0.0033MF	10%	50V		R541	
C537	1-126-942-61		1000MF	20%	25V		R542	
	1-126-942-61		1000MF	20%	25V		R546	
C542		MYLAR	0.047MF	10%	200V		R1249	
C1241	1-136-161-00	FILM	0.047MF	5%	50V		R1250	
C1242	1-126-960-11	ELECT	1MF	20%	50V			
C1242	1-126-960-11	ELECT	1MF	20%	50V	1	R1251	
01243	1 120 700 11	LLLOI	11411	2070	30 V		R1252	
	CONNECTOR	2					R1253	
	00111120101	<u> </u>					R1273 R1274	
CN1001*	1-564-512-11	PLUG, CONNECTO	OR 9P				K12/4	
CN3001	1-573-298-11	CONNECTOR, BO	ARD TO BOA	RD			R1283	
							R1297	
	<u>DIODE</u>							
D368	8-719-991-33	DIODE 1SS133T-7	7					
2000	0 717 771 00	51052 10010017	•				T502 ∧	
	<u>IC</u>						T503 △	
							T504	
IC1261	8-759-534-81	IC MM1313AD						
	IACK							
	<u>JACK</u>					١.	T11400 A	
J1233	1-774-749-11	JACK BLOCK, PIN					TU102 <u></u>	
	COIL							
L541	1-406-677-11	INDUCTOR						
	RESISTOR							
R012	1-216-033-00	RES, CHIP	220	5%	1/10W			
R022	1-249-429-11	CARBON	10K	5%	1/10W			
R031	1-247-815-91	CARBON	220	5%	1/4W			
R069	1-216-073-00	RES, CHIP	10K	5%	1/10W			
R085	1-216-073-00	RES, CHIP	10K	5%	1/10W			
R358	1-247-815-91	CARBON	220	5%	1/4W			
R359	1-247-815-91	CARBON	220	5%	1/4W			
R360	1-247-815-91	CARBON	220	5%	1/4W			
R365	1-216-097-91	RES, CHIP	100K	5%	1/10W			
R374	1-216-121-91	RES, CHIP	1M	5%	1/10W			

	REF.NO.	PART NO.	DESCRIPTION	DESCRIPTION REMARK				
	R386	1-216-049-91	RES, CHIP	1K	5%	1/10W		
	R469	1-216-065-91	RES, CHIP	4.7K	5%	1/10W		
	R472	1-216-065-91	RES, CHIP	4.7K	5%	1/10W		
	R511 ∆	1-215-886-11	METAL	100	5%	2W		
	R515	1-216-077-00	RES, CHIP	15K	5%	1/10W		
	R523 1-216-071-00 R529 1-208-812-11		RES, CHIP RES, CHIP	8.2K 18K	5% 0.50%	1/10W 1/10W		
M		1-208-838-11	RES, CHIP	220K	0.50%	1/10W		
		1-215-878-00	METAL	33K	5%	1W		
	R535	1-216-103-00	RES, CHIP	180K	5%	1/10W		
	R541	1-249-377-11	CARBON	0.47	5%	1/4W		
	R542	1-249-397-11	CARBON	22	5%	1/4W		
	R546	1-215-451-00	METAL	18K	1%	1/4W		
	R1249	1-216-022-00	RES, CHIP	75	5%	1/10W		
	R1250	1-216-113-00	RES, CHIP	470K	5%	1/10W		
	R1251	1-216-065-91	RES, CHIP	4.7K	5%	1/10W		
	R1252	1-216-113-00	RES, CHIP	470K	5%	1/10W		
	R1253	1-216-065-91	RES, CHIP	4.7K	5%	1/10W		
	R1273	1-216-033-00	RES, CHIP	220	5%	1/10W		
	R1274	1-216-025-91	RES, CHIP	100	5%	1/10W		
	R1283	1-247-791-91	CARBON	5%	1/4W			
	R1297	1-216-025-91	RES, CHIP	100	5%	1/10W		
		TRANSFORM	<u>IER</u>					
	T502 ≜	1-429-408-11	TRANSFORMER FERRITE (PMT)					
	T503 <u></u>	X-4034-797-1	FLYBACK TRANSF			05//J1C		
	T504	1-413-059-00	TRANSFORMER FI	ERRITE (DFT)			
		<u>TUNER</u>						
	TU102 ∆	8-598-431-00	TUNER, FSS 2BTF	-WA411				



S SERIES BOARD VARIANT PARTS LIST

The parts on this page belong to the following model(s) only:

KV-34SL40T

Note:

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Note:

The components identified by

in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

REF.NO.	REF.NO. PART NO. DESCRIPTION REMARK									
A BO	ARD VARI	ANT LIST: K	V-34SL4	0T						
*	A-1298-661- <i>I</i>	A BOARD, COI	MPLETE							
	CAPACITOR									
C068	1-164-096-11	CERAMIC CHIP		50V						
C370	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V					
C375 C513 A	1-165-319-11 1-130-895-00	CERAMIC CHIP FILM	0.1MF 0.056MF	5%	50V 400V					
C513 A		FILM	0.62MF	5%	200V					
0011 🖽	1 101 011 11	I ILIVI	0.021111	070	2001					
C520	1-164-645-11	CERAMIC CHIP	1000PF	10%	500V					
C521	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V					
C537	1-126-941-11	ELECT	470MF	20%	25V					
C539 △	1-126-935-11	ELECT	470MF	20%	16V					
C1501	1-115-462-11	FILM	0.12MF	5%	200V					
	DIODE									
D005	8-719-991-33	DIODE 1SS133T-7	17							
D006	1-810-039-31	LED UNIT								
	<u>IC</u>									
IC003	8-742-014-11	HYB IC SBX1981	-51							
IC1261	8-759-366-77	IC MM1311AD	•							
	CHIP CONDU	<u>JCTOR</u>								
ID054	4 04/ 005 04	OLIOPT								
JR351	1-216-295-91	SHORT								
JR352 JR1264	1-216-295-91 1-216-295-91	SHORT SHORT								
JK 1204	1-210-270-71	SHORT								
	RESISTOR									
R059	1-216-047-91	RES, CHIP	820	5%	1/10W					
R060	1-216-049-91	RES, CHIP	1K	5%	1/10W					
R061	1-216-055-00	RES, CHIP	1.8K	5%	1/10W					
R062	1-216-065-91	RES, CHIP	4.7K	5%	1/10W					
R063	1-216-073-00	RES, CHIP	10K	5%	1/10W					
R365	1-216-101-00	RES, CHIP	150K	5%	1/10W					
R374	1-216-125-00	RES, CHIP	1.5M	5%	1/10W					
R469	1-216-069-00	RES, CHIP	6.8K	5%	1/10W					
R472	1-216-069-00	RES, CHIP	6.8K	5%	1/10W					
R511 △	1-215-885-00	METAL	68	5%	2W					
DE4-	4 04/ 000 00	DE0 015	071/	5 07	4140					
R515	1-216-083-00	RES, CHIP	27K	5%	1/10W					
R523	1-216-073-00	RES, CHIP	10K	5%	1/10W					
R529 ■ R531 A	1-208-814-11	RES, CHIP	22K	0.50% 0.50%	1/10W 1/10W					
M R531 △ R533 △	1-208-826-11 1-215-902-11	RES, CHIP METAL	68K 47K	5%	1/10W					
NJJJ //	1-210-702-11	IVILIAL	TIN	3 70	1 44					

REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>			
R535	1-216-101-00	RES, CHIP	150K	5%	1/10W			
R546	1-215-453-00	METAL	22K	1%	1/4W			
R1009	1-216-033-00	RES, CHIP						
R1010	1-216-033-00	RES, CHIP	•					
	<u>SWITCH</u>							
S001	1-692-431-21	SWITCH, TACTILE						
S002	1-692-431-21	SWITCH, TACTILE						
S003	1-692-431-21	SWITCH, TACTILE						
S004	1-692-431-21	SWITCH, TACTILE						
S005	1-692-431-21	SWITCH, TACTILE						
S006	1-692-431-21	SWITCH, TACTILE						
S007	1-692-431-21	SWITCH, TACTILE						
	TRANSFORM	<u>IER</u>						
T502 ≜	1-424-545-11	TRANSFORMER, F	ERRITE (F	PMT)				
T503 ∆	1-453-207-11	FLYBACK TRANSF		•	09//X4C			
	<u>TUNER</u>							
TU102 ∆	8-598-477-00	FSS TUNER BTF-	WG411					

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Note:

The components identified by M in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.



The parts on this page belong to the following model(s) only:

KV-32V40

PS461 <u></u>	IC LINK 1-532-984-11 TRANSISTOR	LINK, IC 2A/90	V		
		LINK, IC 2A/90	V		
0461	TRANSISTO				
0461		3			
Q 701	8-729-422-27	TRANSISTOR 2	2SD601A-Q		
Q462	8-729-216-22	TRANSISTOR 2	2SA1162-G		
Q1103	8-729-422-27	TRANSISTOR 2	2SD601A-Q		
	RESISTOR				
R461	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R462	1-216-089-91	RES, CHIP	47K	5%	1/10W
R463	1-249-435-11	CARBON	33K	5%	1/4W
R464	1-216-097-91	RES, CHIP	100K	5%	1/10W
R465	1-249-413-11		470	5%	1/4W
R466	1-249-385-11	CARBON	2.2	5%	1/4W
	1-216-069-00	RES, CHIP	6.8K	5%	1/10W
					1/10W
					1/10W
	1-216-069-00				1/10W
					.,
R472			1.8K	5%	1/10W
					1/4W
					1/10W
	1-249-430-11				1/4W
R476	1-249-430-11	CARBON	12K	5%	1/4W
D.477	4 040 000 44	OADDON	07	F0/	4/4/4/
					1/4W
R481	1-249-385-11	CARBON	2.2	5%	1/4W
R482	1-249-421-11	CARBON	2.2K	5%	1/4W
R483				5%	1/4W
			68	5%	2W
R515			27K		1/10W
R523			10K	5%	1/10W
DESO	1 200 014 11	DEC CUID	วาเ	0 500/	1/10\4/
					1/10W 1/10W
					1/10W
K546	1-215-453-00	IVIETAL	22K	1%	1/4W
	TRANSFORM	/IFR			
		<u></u>			
T502 A		TRANSFORME) FERRITE (D	MT)	
	R462 R463 R464 R465 R466 R467 R469 R470 R471 R472 R473 R474 R475 R476 R477 R478 R479 R480 R481 R482 R483 R511 △ R515 R523 R529 ■ R531 △	R462 1-216-089-91 R463 1-249-435-11 R464 1-216-097-91 R465 1-249-413-11 R466 1-249-385-11 R467 1-216-069-00 R469 1-216-055-00 R470 1-216-077-00 R471 1-216-069-00 R472 1-216-075-00 R473 1-249-398-11 R474 1-216-077-00 R475 1-249-430-11 R476 1-249-430-11 R477 1-249-385-11 R478 1-249-418-11 R479 1-249-418-11 R480 1-249-385-11 R481 1-249-385-11 R482 1-249-421-11 R483 1-249-385-11 R482 1-249-421-11 R511 △ 1-215-885-00 R515 1-216-083-00 R529 1-208-814-11 R531 △ 1-208-826-11 R533 △ 1-215-902-11 R546 1-215-453-00	R461 1-216-065-91 RES, CHIP R462 1-216-089-91 RES, CHIP R463 1-249-435-11 CARBON R464 1-216-097-91 RES, CHIP R465 1-249-413-11 CARBON R466 1-249-385-11 CARBON R467 1-216-069-00 RES, CHIP R469 1-216-055-00 RES, CHIP R470 1-216-077-00 RES, CHIP R471 1-216-069-00 RES, CHIP R472 1-216-055-00 RES, CHIP R473 1-249-398-11 CARBON R474 1-216-077-00 RES, CHIP R475 1-249-430-11 CARBON R476 1-249-430-11 CARBON R477 1-249-398-11 CARBON R478 1-249-430-11 CARBON R479 1-249-418-11 CARBON R480 1-249-385-11 CARBON R481 1-249-385-11 CARBON R482 1-249-421-11 CARBON R483 1-249-421-11 CARBON R481 1-249-385-11 CARBON R482 1-249-421-11 CARBON R483 1-249-421-11 CARBON R511 △ 1-215-885-00 METAL R515 1-216-083-00 RES, CHIP R529 1-208-814-11 RES, CHIP R529 1-208-814-11 RES, CHIP R531 △ 1-215-902-11 METAL R546 1-215-453-00 METAL	R461 1-216-065-91 RES, CHIP 4.7K R462 1-216-089-91 RES, CHIP 47K R463 1-249-435-11 CARBON 33K R464 1-216-097-91 RES, CHIP 100K R465 1-249-413-11 CARBON 470 R466 1-249-385-11 CARBON 470 R466 1-249-385-11 CARBON 2.2 R467 1-216-069-00 RES, CHIP 6.8K R469 1-216-055-00 RES, CHIP 15K R470 1-216-077-00 RES, CHIP 6.8K R471 1-216-069-00 RES, CHIP 15K R473 1-249-398-11 CARBON 27 R474 1-216-077-00 RES, CHIP 15K R475 1-249-430-11 CARBON 12K R476 1-249-430-11 CARBON 12K R477 1-249-398-11 CARBON 12K R478 1-249-430-11 CARBON 12K R479 1-249-418-11 CARBON 1.2K R479 1-249-418-11 CARBON 1.2K R480 1-249-385-11 CARBON 2.2 R481 1-249-385-11 CARBON 2.2 R482 1-249-421-11 CARBON 2.2 R483 1-249-421-11 CARBON 2.2 R482 1-249-421-11 CARBON 2.2 R483 1-249-421-11 CARBON 2.2 R511 △ 1-215-885-00 METAL 68 R515 1-216-083-00 RES, CHIP 27K R523 1-216-073-00 RES, CHIP 10K R529 1-208-814-11 RES, CHIP 22K R531 △ 1-215-453-00 METAL 47K R546 1-215-453-00 METAL 47K R546 1-215-453-00 METAL 47K R546 1-215-453-00 METAL 47K R546 1-215-453-00 METAL 47K	R461 1-216-065-91 RES, CHIP 4.7K 5% R462 1-216-089-91 RES, CHIP 47K 5% R463 1-249-435-11 CARBON 33K 5% R464 1-216-097-91 RES, CHIP 100K 5% R465 1-249-413-11 CARBON 470 5% R466 1-249-385-11 CARBON 2.2 5% R467 1-216-069-00 RES, CHIP 6.8K 5% R469 1-216-055-00 RES, CHIP 1.8K 5% R470 1-216-069-00 RES, CHIP 1.8K 5% R471 1-216-069-00 RES, CHIP 6.8K 5% R471 1-216-069-00 RES, CHIP 1.8K 5% R472 1-216-055-00 RES, CHIP 1.8K 5% R473 1-249-398-11 CARBON 27 5% R474 1-216-077-00 RES, CHIP 1.8K 5% R473 1-249-398-11 CARBON 27 5% R474 1-216-077-00 RES, CHIP 1.8K 5% R475 1-249-430-11 CARBON 12K 5% R476 1-249-430-11 CARBON 12K 5% R476 1-249-430-11 CARBON 12K 5% R478 1-249-418-11 CARBON 1.2K 5% R480 1-249-385-11 CARBON 1.2K 5% R480 1-249-385-11 CARBON 2.2 5% R481 1-249-385-11 CARBON 2.2 5% R481 1-249-385-11 CARBON 2.2 5% R483 1-249-421-11 CARBON 2.2 5% R483 1-249-421-11 CARBON 2.2 5% R511 △ 1-215-885-00 METAL 68 5% R515 1-216-083-00 RES, CHIP 10K 5% R529 1-208-814-11 RES, CHIP 22K 0.50% R533 △ 1-215-902-11 METAL 47K 5% R546 1-215-453-00 METAL 47K 5% R546 1-215-453-00 METAL 22K 1%



V SERIES BOARD VARIANT PARTS LIST

The parts on this page belong to the following model(s) only:

KV-34VL65C/34VL65/32V65CND

Note:

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Note:

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REF.NO.	PART NO.	REMARK							
A BOARD VARIANT LIST: KV-34VL65C/34VL65/32V65CND									
*	A-1298-613-	A A BOARD COM	/IPLETE						
	CAPACITOR								
C461 C478 C513 A C514 A C520	1-126-966-11 1-126-934-11 1-130-895-00 1-104-844-11 1-164-645-11	ELECT ELECT FILM FILM CERAMIC CHIP	ELECT 220MF 20% 16V FILM 0.056MF 5% 400V FILM 0.62MF 5% 200V						
C521 C537 C539 A C1501	1-164-161-11 1-126-941-11 1-126-935-11 1-115-462-11	CERAMIC CHIP 0.0022MF 10% 50V ELECT 470MF 20% 25V ELECT 470MF 20% 16V FILM 0.12MF 5% 200V							
	CONNECTO	<u>R</u>							
CN461 CN1101 CN3001	1-564-508-11 PLUG, CONNECTOR 5P 1-573-298-11 CONNECTOR, BOARD TO BOARD 1-573-298-11 CONNECTOR, BOARD TO BOARD								
	DIODE								
D368	8-719-991-33	DIODE 1SS133T-	77						
	CHIP CONDU	<u>JCTOR</u>							
JR001 JR201 JR202 JR463	1-216-295-91 1-216-295-91 1-216-295-91 1-216-295-91	SHORT SHORT SHORT SHORT							
	COIL								
L461	1-408-612-31	INDUCTOR 56UH							
	TRANSISTO	<u>R</u>							
Q1103	8-729-422-27	TRANSISTOR 2SI	D601A-Q						
	RESISTOR								
R006 R008 R012 R031 R040	1-247-815-91 1-247-815-91 1-216-033-00 1-247-815-91 1-247-815-91	CARBON CARBON RES,CHIP CARBON CARBON	220 220 220 220 220 220	5% 5% 5% 5% 5%	1/4W 1/4W 1/10W 1/4W 1/4W				
R041 R042 R045	1-216-065-91 1-216-065-91 1-247-815-91	RES,CHIP RES,CHIP CARBON	4.7K 4.7K 220	5% 5% 5%	1/10W 1/10W 1/4W				

	REF.NO.	PART NO.	DESCRIPTION		REMARK		
	R088	1-216-033-00	RES,CHIP	220	5%	1/10W	
	R090	1-216-033-00	RES,CHIP	220	5%	1/10W	
	R358	1-247-815-91	CARBON	220	5%	1/4W	
	R359	1-247-815-91	CARBON	220	5%	1/4W	
	R360	1-247-815-91	CARBON	220	5%	1/4W	
	R386	1-216-049-91	RES,CHIP	1K	5%	1/10W	
	R466	1-249-382-11	CARBON	1.2	5%	1/4W	
	R511 △	1-215-885-00	METAL	68	5%	2W	
	R515	1-216-083-00	RES, CHIP	27K	5%	1/10W	
	R523	1-216-073-00	RES,CHIP	10K	5%	1/10W	
	R529	1-208-814-11	RES,CHIP	22K	0.50%	1/10W	
M	R531 △	1-208-826-11	RES,CHIP	68K	0.50%	1/10W	
	R533 △	1-215-902-11	METAL	47K	5%	1W	
	R546	1-215-453-00	METAL	22K	1%	1/4W	

TRANSFORMER

T502 △	1-424-545-11	TRANSFORMER FERRITE (PMT)
T503 ∧	1-453-207-11	FLYBACK TRANSFORMER ASSY NX-2609//X4C

The components identified with shading and a critical symbol (Δ) are critical for safety. Replace only with part number specified.

R040

1-247-815-91 CARBON

Note:

The components identified by

in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.



V SERIES BOARD VARIANT PARTS LIST

The parts on this page belong to the following model(s) only:

KV-35V65CND/37VL65/37VL65C

nally used.								
REF.NO. PART NO. DESCRIPTION REMARK								
A BOARD VARIANT LIST: KV-35V65CND/37VL65/37VL65C								
* A-1298-647-A A BOARD, COMPLETE								
CAPACITOR								
C069	1-126-964-11	ELECT	10MF	20%	50V			
C461	1-126-964-11	ELECT	10MF	20%	50V			
C478	1-126-934-11	ELECT	220MF	20%	16V			
C479	1-126-964-11	ELECT	10MF	20%	50V			
C513 ≜	1-129-720-00	FILM	0.033MF	5%	630V			
C514 A	1-136-540-11	FILM	0.82MF	5%	200V			
C514 A	1-101-821-00	CERAMIC CHIP	0.0022MF	370	500V			
C520 C521	1-164-182-11	CERAMIC CHIP	0.0022IVIF	10%	50V			
C537	1-126-942-61	ELECT	1000MF	20%	25V			
C539 <u>∧</u>	1-126-942-61	ELECT	1000MF	20%	25V			
C542	1-106-383-00	MYLAR	0.047MF	10%	200V			
	CONNECTO	3						
CN461	1-564-508-11	PLUG, CONNECT	OR SP					
CN1101	1-573-298-11	CONNECTOR, BC		RD				
CN3001	1-573-298-11	CONNECTOR, BC						
	<u>DIODE</u>							
D368	8-719-991-33	DIODE 1SS133T-	77					
	CHIP CONDU	<u>JCTOR</u>						
JR001	1-216-295-91	SHORT						
JR001 JR201	1-216-295-91	SHORT						
JR202	1-216-295-91	SHORT						
JR463	1-216-295-91	SHORT						
	<u>COIL</u>							
I 161	1 400 417 21	INDITION 1001	ш					
L461 L541	1-408-617-31 1-406-677-11	INDUCTOR 180U INDUCTOR	П					
LJTI	1-110-00F-11	INDUCTOR						
	TRANSISTO	3						
Q1103	8-729-120-28	TRANSISTOR 2S	C1623-L5L6					
	RESISTOR							
R006	1-247-815-91	CARBON	220	5%	1/4W			
R008	1-247-815-91	CARBON	220	5%	1/4W			
R012	1-216-033-00	RES,CHIP	220	5%	1/10W			
R031	1-247-815-91	CARBON	220	5%	1/4W			

220

5%

REF.N	10.	PART NO.	DESCRIPTION		<u>REM</u>	<u>ARK</u>
R041		1-216-065-91	"RES,CHIP"	4.7K	5%	1/10W
R042		1-216-065-91	"RES,CHIP"	4.7K	5%	1/10W
R045		1-247-815-91	CARBON	220	5%	1/4W
R069		1-216-073-00	RES,CHIP	10K	5%	1/10W
R085		1-216-073-00	RES,CHIP	10K	5%	1/10W
R088		1-216-033-00	RES,CHIP	220	5%	1/10W
R090		1-216-033-00	RES,CHIP	220	5%	1/10W
R358		1-247-815-91	CARBON	220	5%	1/4W
R359		1-247-815-91	CARBON	220	5%	1/4W
R360		1-247-815-91	CARBON	220	5%	1/4W
R386		1-216-049-91	RES,CHIP	1K	5%	1/10W
R511	Δ	1-215-886-11	METAL	100	5%	2W
R515		1-216-077-00	RES, CHIP	15K	5%	1/10W
R523		1-216-071-00	RES,CHIP	8.2K	5%	1/10W
R529		1-208-812-11	RES,CHIP	18K	0.50%	1/10W
⊠ R531	Δ	1-208-838-11	RES,CHIP	220K	0.50%	1/10W
R533	Δ	1-215-878-00	METAL	33K	5%	1W
R541		1-249-377-11	CARBON	0.47	5%	1/4W
R542		1-249-397-11	CARBON	22	5%	1/4W
R546		1-215-451-00	METAL	18K	1%	1/4W

TRANSFORMER

T502 △	1-429-408-11	TRANSFORMER FERRITE (PMT)
T503 ⚠	X-4034-797-1	FLYBACK TRANSFORMER ASSY, NX-3005//J1C
T504	1-413-059-00	TRANSFORMER FERRITE (DFT)

1/4W



JR105

1-216-295-91 SHORT

Note:

Note:

The components identified with shading and a critical symbol (♠) are critical for safety. Replace only with part number specified.

Les composants identifies per un trame et une marque ▲ sont critiques pout la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>	REF.NO.	PART NO.	DESCRIPTION		RE	MARK
Δ\/							COIL				
₩						L102	1-410-470-11	INDUCTOR	10UH		
*	Δ_1208_612_	A AV BOARD, CO	MDI FTF			L105	1-408-421-00	INDUCTOR	100UH		
(KV-34\		D/34VL65/35V65CN[L65C only	y)						
							TRANSISTO	₹			
	CAPACITOR					Q101	8-729-119-78	TRANSISTOR 2	SC2785-HFE		
C101	1-126-960-11	ELECT	1MF	20%	50V	Q103	8-729-216-22	TRANSISTOR 2	2SA1162-G		
C102	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	Q104	8-729-216-22	TRANSISTOR 2	2SA1162-G		
C104	1-126-964-11	ELECT	10MF	20%	50V	Q105		TRANSISTOR 2			
C106	1-104-664-11		47MF	20%	25V	Q1901	8-729-216-22	TRANSISTOR 2	2SA1162-G		
C108	1-126-933-11	ELECT	100MF	20%	16V	01000	0.700.01/.00	TDANICICTOD (CA11/2 C		
0400	4 4/0 050 04	OFDANIO OUID	00005	5 07	501/	Q1902	8-729-216-22	TRANSISTOR 2	25A1102-G		
C109	1-163-259-91	CERAMIC CHIP	220PF	5%	50V						
C110	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V		RESISTOR				
C111 C113	1-126-960-11 1-126-934-11	ELECT ELECT	1MF 220MF	20% 20%	50V 16V						
C113	1-120-734-11	CERAMIC	0.01MF	10%	50V	R101	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
01704	1-102-127-00	CLIVAIVIIC	O.O HVII	1070	J0 V	R102	1-216-083-00	RES, CHIP	27K	5%	1/10W
C1905	1-126-964-11	ELECT	10MF	20%	50V	R103	1-216-689-11	•	39K	5%	1/10W
C1906	1-102-129-00	CERAMIC	0.01MF	10%	50V	R104	1-216-045-00	•	680	5%	1/10W
C1907	1-126-964-11	ELECT	10MF	20%	50V	R106	1-216-081-00	RES, CHIP	22K	5%	1/10W
C1908	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V						
C1909	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V	R107	1-216-081-00		22K	5%	1/10W
						R108	1-216-081-00		22K	5%	1/10W
	<u>CONNECTO</u>	<u>R</u>				R109	1-216-081-00		22K	5%	1/10W 1/10W
						R112 R113	1-216-057-00 1-216-097-91	RES, CHIP	2.2K 100K	5% 5%	1/10W 1/10W
CN101		CONNECTOR, BO				KIIJ	1-210-071-71	KLS, CHIF	TOOK	J /0	17 10 44
CN102	1-573-979-21	CONNECTOR, BO		אט דוף		R114	1-216-121-91	RES, CHIP	1M	5%	1/10W
CN103 * CN106 *		PLUG, CONNECTO PLUG, CONNECTO				R115	1-216-073-00		10K	5%	1/10W
CN100	1-304-300-11	PLUG, CONNECTO	JK JP			R116	1-216-073-00		10K	5%	1/10W
	DIODE					R117	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
	DIODE					R118	1-216-295-91	SHORT			
D101	8-719-109-89	DIODE RD5.6ESB	2			D104	1 01/ 040 04	DEC OUR	41/	F0,	1/10/8/
D103	8-719-991-33	DIODE 1SS133T-7				R121	1-216-049-91		1K	5%	1/10W
D104	8-719-991-33	DIODE 1SS133T-7	7			R1904 R1905	1-216-073-00 1-216-073-00		10K 10K	5% 5%	1/10W 1/10W
D105		DIODE 1SS133T-7				R2904	1-216-073-00		220	5%	1/10W
D106	8-719-991-33	DIODE 1SS133T-7	'7			R2905	1-216-033-00		220	5%	1/10W
	<u>IC</u>						. 2.0 000 00			0,0	.,
	<u>10</u>					R2909	1-216-073-00	•	10K	5%	1/10W
IC1901	8-752-058-68	IC CXA1315M				R2910	1-216-073-00		10K	5%	1/10W
IC1902		IC NJM2145M-TE	2			R2912	1-216-073-00		10K	5%	1/10W
						R2913	1-216-073-00		10K	5%	1/10W
	CHIP CONDU	<u>JCTOR</u>				R2914	1-216-073-00	KES, CHIP	10K	5%	1/10W
JR101	1-216-295-91	SHORT					<u>TUNER</u>				
JR102	1-216-295-91					THANA	0 500 400 60	TUNED FOO	DTC CA 40		
JR103	1-216-295-91	SHORT				10101 🛦	8-598-430-00	TUNER, FSS	BTF-FA40°		

REF.NO.	PART NO.	DESCRIPTION		REN	<u>IARK</u>	REF.NO.	PART NO.	DESCRIPTION		REI	MARK
D	1					C3537	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
						C3538	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	1					C3539	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	* A-1135-948	-A B BOARD, CO	MPLETE			C3540	1-163-231-11		15PF	5%	50V
	(KV-32V40 only	<i>ı</i>)				C3541	1-104-664-11		47MF	20%	25V
	* A-1135-949	-A B BOARD, CO	MPLETE								
	(KV-34VL65C/3	32V65CND/34VL65/3	5V65CND/			C3542	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	37VL65/37VL65	5C only)				C3543	1-104-664-11	ELECT	47MF	20%	25V
	* A-1135-950	-A B BOARD, CO	MPLETE			C3544	1-104-664-11	ELECT	47MF	20%	25V
	(KV-32S40/34S	L40/34SL40C/32S4	5/34SL45/35	S40/35S45	/	C3545	1-164-004-11		0.1MF	10%	25V
	37SL45/34SL4	0T only)				C3548	1-164-004-11		0.1MF	10%	25V
	<u>CAPACITOR</u>					C3549	1-126-964-11	ELECT	10MF	20%	50V
						C3550	1-104-664-11	ELECT	47MF	20%	25V
C3501	1-104-664-11	ELECT	47MF	20%	25V	C3551	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C3502	1-163-231-11	CERAMIC CHIP	15PF	5%	50V	C3553	1-126-941-11	ELECT	470MF	20%	25V
C3503	1-163-021-91	CERAMIC	0.01MF	10%	50V	C3556	1-128-551-11	ELECT	22MF	20%	25V
C3504	1-126-964-11	ELECT	10MF	20%	50V						
C3505	1-163-131-00	CERAMIC	390PF	5%	50V	C3557	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C3506	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V		CONNECTOR	o			
C3507	1-126-963-11	ELECT	4.7MF	20%	50V		CONNECTO	7			
C3508	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	CN3503 *	1_573_078_21	CONNECTOR, BO	APD TO BO	ADD 11D	
C3509	1-126-961-11	ELECT	2.2MF	20%	50V			34VL65/35V65CND/			
C3510	1-163-229-11	CERAMIC CHIP	12PF	5%	50V			CONNECTOR, BO			
								5CND/34VL65/35V6			C only)
C3511	1-126-964-11	ELECT	10MF	20%	50V			CONNECTOR, BO			C Offig)
C3512	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	1		OC/32S45/34SL45/3			1SI 10T only)
C3513	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	(10-3234)	0/343240/34324	00/32343/343143/	13340/33343	/3/3L43/3	43L401 Only)
C3514	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V		FILTER				
C3515	1-126-963-11	ELECT	4.7MF	20%	50V		FILIER				
						FL3501	1-239-847-11	FILTER, LOW PAS	S		
C3516	1-163-089-00	CERAMIC CHIP	6PF	0.5PF	50V	FL3502		FILTER, LOW PAS			
C3517	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	FL3503		FILTER, LOW PAS			
C3518	1-126-941-11	ELECT	470MF	20%	25V	1 20000	1 207 017 11	TIETER, EOTT THO	•		
C3519	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V		<u>IC</u>				
C3520	1-163-133-00	CERAMIC CHIP	470PF	5%	50V		<u>10</u>				
						IC3501	8-759-065-82	IC MM1093ND			
C3521	1-104-664-11	ELECT	47MF	20%	25V	IC3502		IC CXD2073S			
C3522	1-126-964-11		10MF	20%	50V	IC3503	8-759-231-53				
C3523	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V		0 .0, 20. 00				
C3524	1-104-664-11	ELECT	47MF	20%	25V		<u>COIL</u>				
C3525	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V		OOIL				
						L3501	1-410-470-11	INDUCTOR 10UH			
C3526	1-163-038-91	CERAMIC CHIP	0.1MF		25V	L3502	1-410-466-41	INDUCTOR 4.7UH	l		
C3527	1-163-038-91	CERAMIC CHIP	0.1MF		25V	L3503	1-410-470-11	INDUCTOR 10UH			
C3528	1-164-222-11	CERAMIC CHIP	0.22MF		25V	L3504	1-410-470-11				
C3529	1-163-038-91	CERAMIC CHIP	0.1MF		25V	L3505	1-410-470-11	INDUCTOR 10UH			
C3530	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V						
C3532	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V						
C3533	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V						
C3534	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V						
C3535	1-104-664-11	ELECT	47MF	20%	25V						
C3536	1-126-964-11		10MF	20%	50V						

B COMPLETE PARTS LISTING

REF.NO.	PART NO.	DESCRIPTION		REMA	ARK	REF.NO.	PART NO.	DESCRIPTION		REMAR	<u>K</u>
	TRANSISTO	3				R3537	1-216-043-9	I RES, CHIP	560	5%	1/10W
						R3538	1-216-071-0	RES, CHIP	8.2K	5%	1/10W
Q3501	8-729-422-27	TRANSISTOR 2	SD601A-Q			R3539	1-216-089-9	I RES, CHIP	47K	5%	1/10W
Q3502	8-729-216-22	TRANSISTOR 2	SA1162-G			R3540	1-216-049-9	I RES, CHIP	1K	5%	1/10W
Q3503	8-729-422-27	TRANSISTOR 2	SD601A-Q			R3541	1-216-081-00	RES, CHIP	22K	5%	1/10W
Q3504	8-729-216-22	TRANSISTOR 2	SA1162-G								
Q3505	8-729-422-27	TRANSISTOR 2	SD601A-Q			R3542	1-216-041-0	RES, CHIP	470	5%	1/10W
						R3543	1-216-035-0	RES, CHIP	270	5%	1/10W
Q3506	8-729-216-22	TRANSISTOR 2	SA1162-G			R3544	1-216-057-0	RES, CHIP	2.2K	5%	1/10W
Q3507	8-729-216-22	TRANSISTOR 2	SA1162-G			R3545	1-216-043-9	I RES, CHIP	560	5%	1/10W
Q3509	8-729-216-22	TRANSISTOR 2	SA1162-G			R3546	1-216-071-0	RES, CHIP	8.2K	5%	1/10W
Q3510	8-729-422-27	TRANSISTOR 2	SD601A-Q								
Q3516	8-729-216-22	TRANSISTOR 2	SA1162-G			R3547	1-216-089-9 ⁻	I RES, CHIP	47K	5%	1/10W
						R3548	1-216-081-00	RES, CHIP	22K	5%	1/10W
Q3555	8-729-216-22	TRANSISTOR 2	SA1162-G			R3549	1-216-049-9	I RES, CHIP	1K	5%	1/10W
						R3550	1-208-774-1	I RES, CHIP	470	0.50%	1/10W
	RESISTOR					R3551	1-208-764-1	I RES, CHIP	180	0.50%	1/10W
R3501	1-216-091-00	RES, CHIP	56K	5%	1/10W	R3565	1-216-295-9°	1 SHORT			
R3502	1-216-081-00	RES, CHIP	22K	5%	1/10W	R3566	1-216-025-9°	I RES, CHIP	100	5%	1/10W
R3503	1-216-009-00	RES, CHIP	22	5%	1/10W	R3568	1-216-025-9°	I RES, CHIP	100	5%	1/10W
R3504	1-216-029-00	RES, CHIP	150	5%	1/10W	R3569	1-216-041-0	RES, CHIP	470	5%	1/10W
R3505	1-216-037-00	RES, CHIP	330	5%	1/10W	R3578	1-216-081-0	RES, CHIP	22K	5%	1/10W
R3506	1-216-035-00	RES, CHIP	270	5%	1/10W	R3579	1-216-081-0	RES, CHIP	22K	5%	1/10W
R3507	1-216-057-00	RES, CHIP	2.2K	5%	1/10W	R3580	1-216-295-9°	1 SHORT			
R3508	1-216-043-91	RES, CHIP	560	5%	1/10W	R3596	1-216-057-0	RES, CHIP	2.2K	5%	1/10W
R3509	1-216-075-00	RES, CHIP	12K	5%	1/10W	R3597	1-216-057-0	RES, CHIP	2.2K	5%	1/10W
R3510	1-216-049-91	RES, CHIP	1K	5%	1/10W	R3599	1-208-774-1	I RES, CHIP	470	0.50%	1/10W
R3511	1-216-065-91	RES, CHIP	4.7K	5%	1/10W		CRYSTAL				
R3512	1-216-065-91	RES, CHIP	4.7K	5%	1/10W						
R3513	1-216-041-00	RES, CHIP	470	5%	1/10W	X3501	1-567-505-1	OSCILLATOR,	CRYSTAL		
R3514	1-216-121-91	RES, CHIP	1M	5%	1/10W						
R3515	1-216-077-00	RES, CHIP	15K	5%	1/10W						
R3516	1-216-037-00	RES, CHIP	330	5%	1/10W						
R3517	1-216-077-00	RES, CHIP	15K	5%	1/10W						
R3518	1-216-067-00	RES, CHIP	5.6K	5%	1/10W						
R3520	1-208-766-11	RES, CHIP	220	0.50%	1/10W						
R3521	1-208-766-11	RES, CHIP	220	0.50%	1/10W						
R3522	1-208-774-11	RES, CHIP	470	0.50%	1/10W						
R3523	1-208-778-11	RES, CHIP	680	0.50%	1/10W						
R3524	1-208-794-11	RES, CHIP	3.3K	0.50%	1/10W						
R3526	1-208-776-11	RES, CHIP	560	0.50%	1/10W						
R3527	1-208-824-11	RES, CHIP	56K	0.50%	1/10W						
R3529	1-216-295-91	SHORT									
R3531	1-216-295-91	SHORT									
R3534	1-216-295-91	SHORT									
R3535	1-216-295-91	SHORT									
R3536	1-216-057-00	RES, CHIP	2.2K	5%	1/10W						
				-	-						
						i .					

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Note:

Les composants identifies per un trame et une marque \(\Delta\) sont critiques pout la securite. Ne les remplacer que par une piece portant le numero specifie.



REF.NO.	PART NO.	DESCRIPTION		REM	ARK	REF.NO.	PART NO.	DESCRIPTION		RE	EMARK	
]						TRANSISTOR					
						Q1790	8-729-119-76	TRANSISTOR	2SA1175-	HFE		
:		A C BOARD, COM L65C/32V65CND/34		34SL40/			RESISTOR					
		5/34SL45/34SL40T	•			D1750	1 247 070 11	CADDON	121/	E0/	1////	
,		A C BOARD, COM				R1750 R1763	1-247-870-11 1-260-099-11	CARBON CARBON	43K 1K	5% 5%	1/4W 1/2W	
	(KV-35V65CND	/37VL65/37VL65C/3	35S40/35S45/	37SL45 on	ıly)	R1763	1-247-807-31		100	5%	1/4W	
	4 202 0E4 11	CCDEW/M2V10\ I	D CW/.)			R1773	1-260-099-11		1K	5%	1/2W	
	4-382-854-11	SCREW (M3X10), F	P, 5W (+)			R1774	1-247-807-31		100	5%	1/4W	
	CAPACITOR											
						R1783 R1784	1-260-099-11 1-247-807-31	CARBON CARBON	1K 100	5% 5%	1/2W 1/4W	
C1750	1-137-528-11	FILM	0.1MF	10%	250V	R1788		METAL OXIDE	1	5%	1/4 VV 1W	F
C1751	1-107-652-11	ELECT CLUB	10MF	20%	250V	R1789	1-249-437-11		47K	5%	1/4W	'
C1790 C1791	1-102-129-00 1-126-968-11	CERAMIC CHIP ELECT	0.01MF 100MF	10% 20%	50V 50V	R1790		METAL OXIDE	5.6	5%	2W	F
C1791 C1792	1-102-108-00	CERAMIC CHIP	150PF	10&	50V 50V		(KV-32V40/34V	L65C/32V65CND/3 5/34SL45/34SL40T	4VL65/32S40			
C1794	1-107-651-11	ELECT	4.7MF	20%	250V							
	(KV-35V65CND	/37VL65/37VL65C/3	5S40/35S45/			R1790		METAL OXIDE	1	5%	2W	F
C1795	1-102-074-00	CERAMIC CHIP	0.001MF	10%	50V			/37VL65/37VL65C/				
C1799	1-162-114-00	CERAMIC CHIP	0.0047MF		2KV	R1792	1-247-815-91		220	5%	1/4W	
						R1793	1-247-866-11		30K	5%	1/4W 1/2W	
	CONNECTOR	<u> </u>				R1794	1-260-132-11	/37VL65/37VL65C/	560K	5% 5/27SL45 o		
0147/4*	4 5/4 500 44	DI LIO CONNECTO	2D /D			R1795	1-260-087-11		100	5%	1/2W	
	1-564-509-11					101770	1 200 007 11	Ontibole	100	070	17200	
	1-564-508-11 1-695-915-11	PLUG, CONNECTO TAB (CONTACT)	JK 5P			R1796	1-216-378-11	METAL OXIDE	5.6	5%	2W	F
CIVITOS	1-070-710-11	IAB (CONTACT)						L65C/32V65CND/3	4VL65/32S40)/34SL40/		
	DIODE						34SL40C/32S4	5/34SL45/34SL40T	only)			
	DIODL					R1796	1-216-369-00	METAL OXIDE	1	5%	2W	F
D1790	8-719-991-33	DIODE 1SS133T-7	7				•	/37VL65/37VL65C/			nly)	
D1791	8-719-908-03	DIODE GP08D				R1797	1-260-123-11	CARBON	100K	5%	1/2W	
D1792	8-719-908-03	DIODE GP08D										
		/37VL65/37VL65C/3	5S40/35S45/	37SL45 on	ıly)							
D1793	8-719-908-03											
D1794	8-719-908-03	DIODE GP08D										
D1795	8-719-908-03	DIODE GP08D										
	<u>IC</u>											
IC1701	8-759-535-08	IC TDA6108Q										
	<u>JACK</u>											
J1761 🛦	1-251-388-11	SOCKET, CRT										
	COIL											
L1790	1-410-671-31	INDUCTOR 47UH										



REF.NO. PART NO.

Note:

The components identified with shading and a critical symbol (Δ) are critical for safety. Replace only with part number specified.

DESCRIPTION

Les composants identifies per un trame et une marque ∆ sont critiques pout la securite. Ne les remplacer que par une piece portant le numero specifie.

REMARK

REF.NO. PART NO. DESCRIPTION REMARK



- * A-1316-389-A G BOARD, COMPLETE (KV-32V40/32S40/34SL40/32S45/34SL45 only)
- * A-1316-390-A G BOARD, COMPLETE (KV-34VL65C only)
- * A-1316-391-A G BOARD, COMPLETE (KV-32V65CND/34VL65 only)
- * A-1316-395-A G BOARD, COMPLETE (KV-34SL40C only)
- * A-1316-396-A G BOARD, COMPLETE KV-34SL40T only)
- * A-1316-399-A G BOARD, COMPLETE (KV-35S40/35S45/37SL45 only)
- * A-1316-405-A G BOARD, COMPLETE (KV-35V65CND/37VL65 only)
- * A-1316-406-A G BOARD, COMPLETE (KV-37VL65C only)

1-533-223-11 HOLDER, FUSE 4-382-854-11 SCREW(M3X10), P, SW (+)

CAPACITOR

C601	1-136-346-21		0.22MF	20%	125V
		45/37SL45/35V65CI	ND/37VL65/37	VL65C on	ıly)
C602	1-126-964-11		10MF	20%	50V
C603 ▲	1-113-907-51	CERAMIC CHIP	0.0022MF	20%	250V
	(KV-34VL65C/3	34SL40C/37VL65C (only)		
C603 ∧	1-113-903-11	CERAMIC	0.001MF	20%	250V
	(KV-32V40/32S	340/34SL40/32S45/3	34SL45/32V6	CND/34V	L65/
	35V65CND/37\	/L65/34SL40T/35S4	0/35S45/37SI	_45 only)	
C604 ≜	1-136-346-21	FILM	0.22MF	20%	300V
	(KV-34SL40T c	only)			
C605 △	1-136-311-11	FILM	0.47MF	20%	300V
	(KV-34VL65C/3	37VL65C/34SL40C c	only)		
C605 △	1-136-346-21	FILM	0.22MF	20%	125V
	(KV-32V40/32S	340/34SL40/32S45/3	34SL45/32V65	CND/34V	L65/
	35V65CND/37\	/L65/34SL40T/35S4	0/35S45/37SI	_45 only)	
C606 ≜	1-117-894-11	ELECT	560MF	20%	250V
C607 △	1-117-894-11	ELECT	560MF	20%	250V
C608	1-165-127-11	CERAMIC CHIP	470PF	10%	500V
C609	1-136-175-00	FILM	0.68MF	5%	50V
C610	1-136-175-00	FILM	0.68MF	5%	50V
C611	1-136-169-00	FILM	0.22MF	5%	50V
	(KV-32V40/32S	40/34SL40/32S45/3	4SL45/34SL4	0C/34SL4	OT/
	35S40/35S45/3				
C611	1-136-171-00	FILM	0.33MF	5%	50V
	(KV-34VL65C/3	2V65CND/34VL65/3	5V65CND/37	VL65/	

C612	1-136-169-00	FILM	0.22MF	5%	50V
	(KV-32V40/32S	40/34SL40/32S45/3	4SI 45/34SI 4	0C/34SI 4	0T/
	35S40/35S45/3				•
C612	1-136-171-00	FILM	0.33MF	5%	50V
0012		2V65CND/34VL65/3!			
C613		CERAMIC CHIP		10%	500V
C615	1-129-722-00		0.047MF	5%	630V
C616 A		CERAMIC CHIP	0.047MF	20%	250V
0010 🕮		540/34SL40/32S45/3			
		37SL45/35V65CND/3			L03/343L401/
	33340/33343/3	7.3L43/33.403.GND/3	TVL03 OHIY)		
0/24	1 10/ 0/1 11	FLECT	2.21/15	200/	FOV
C624	1-126-961-11		2.2MF	20% 20%	50V
C628 ≜		CERAMIC CHIP			250V
C629 <u>∧</u>	1-107-679-91		10MF	20%	450V
0/00 :	•		only)	000/	4501
C629 △	1-107-680-91		22MF	20%	450V
		540/34SL40/32S45/3		CND/34V	L65/34SL401/
		37SL45/35V65CND/3	•		
C630	1-130-471-00	MYLAR	0.001MF	5%	50V
C631	1-137-605-11	FILM	0.01MF	10%	250V
C633	1-130-471-00	MYLAR	0.001MF	5%	50V
C634	1-130-467-00	MYLAR	470PF	5%	50V
C635	1-130-471-00	MYLAR	0.001MF	5%	50V
C636	1-126-965-11	ELECT	22MF	20%	50V
C637	1-126-940-11	ELECT	330MF	20%	25V
C640 △	1-113-924-11	CERAMIC CHIP	0.0047MF	20%	250V
C641	1-128-550-11	ELECT	2200MF	20%	50V
C643	1-107-641-11	ELECT	220MF	20%	160V
C647	1-104-665-11	ELECT	100MF	20%	25V
C648	1-126-965-11	ELECT	22MF	20%	50V
		34SL40C/34VL65C o			
C650	1-104-664-11		47MF	20%	25V
C651	1-137-366-11		0.0022MF	5%	50V
C652	1-106-351-00		0.0022MF	20%	200V
C653	1-107-636-11		10MF	20%	160V
C654	1-164-625-11		680PF	10%	500V
0034	1-104-025-11	OLIVAIVIIO OTIII	00011	1070	300 V
C655	1-164-625-11	CERAMIC CHIP	680PF	10%	500V
C656	1-164-625-11	CERAMIC CHIP	680PF	10%	500V 500V
	1-164-625-11	CERAMIC CHIP	680PF		500V 500V
C657				10%	
C660	1-126-767-11	ELECT	1000MF	20%	16V
C690	1-164-645-11	CERAMIC CHIP	1000PF	10%	500V
0/04	4 4/4 / 15 4:	OFD ANNO OLUF	400055	4007	5001/
C691	1-164-645-11	CERAMIC CHIP	1000PF	10%	500V

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REF.NO.	PART NO.	<u>DESCRIPTION</u>	<u>REMARK</u>	REF.NO.	PART NO.	DESCRIPTION		<u>REMARK</u>	
	CONNECTO	R		D648	8-719-057-52	DIODE EZ0150AV1	1		
		_		D649	8-719-510-02	DIODE D1NS4			
CN601	1-573-963-11	PIN, CONNECTOR (PC BO	DARD) 3P	D650	8-719-510-02	DIODE D1NS4			
	(KV-35S40/35S	645/37SL45/35V65CND/37VL	.65/37VL65C only)						
N602		PIN, CONNECTOR (POWI			FUSE				
N603		PIN, CONNECTOR (PC BO							
		45/37SL45/35V65CND/37VL		F601 △	1-576-193-11	FUSE 6.3A/125V			
N604		PIN, CONNECTOR (PC BO			(KV-32V40/32	S40/34SL40/32S45/3	4SL45/32V65C	ND/34VL65/	
		640/34SL40/32S45/34SL45/3	'		•	40/35S45/37SL45/35V			
	•	.40T/35S40/35S45/37SL45 o		F601 △		FUSE 6.3A/250V		,,	
CN641		PLUG, CONNECTOR 12P	··· <i>J</i> /			/34SL40C/34VL65C o	nly)		
					•		<i>,</i>		
CN643	1-508-784-00	PIN, CONNECTOR (5MM	PITCH) 1P		FERRITE BE	AD			
		540/34SL40/32S45/34SL45/3			I EIGHTE DE	<u></u>			
	•	10/35S45/37SL45/35V65CND		FB601	1-410-396-41	FFRRITF	0.45UH		
	0.02.00,000	,	, 001 200, 07 1 2000 0	FB602	1-410-396-41		0.45UH		
	DIODE			FB603	1-410-396-41		0.45UH		
	DIODE			FB604	1-410-396-41		0.45UH		
)600 ∧	8-719-991-33	DIODE 1SS133T-77		FB641	1-410-397-21		1.1UH		
0601		DIODE 1SS133T-77		1 0041	1 410 377 21	TERRITE	1.1011		
		DIODE D4SB60L		FB642	1-410-397-21	FERRITE	1.1UH		
0603		DIODE D1NL40-TA2		FB645	1-410-397-21		1.1UH		
003		540/34SL40/32S45/34SL45/3	2V/65CNID/34VI 65/	FB647	1-410-377-21		1.1UH		
	•	0/35S45/37SL45/35V65CND		1 0047	1-410-377-21	ILIMIIL	1.1011		
0604		DIODE D1NL40-TA2	737 VEO3 Offiy)		<u>IC</u>				
7004		540/34SL40/32S45/34SL45/3	2\/4ECND/34\/I 4E/		<u>IC</u>				
	•	0/35S45/37SL45/35V65CND		IC601 A	8-729-041-12	TRANSISTOR	MX0841AB-F		
	3431401/3334	0/30340/3/3L43/30V00CND	737 VEO3 OHIY)	IC622	8-759-450-47		BA05T		
0612	0 710 001 22	DIODE 1SS133T-77		IC622	8-759-198-03		PQ09RF21		
D613	8-719-991-33			IC643	8-749-012-13		DM-58		
D614		DIODE 1331331-77		10043	0-747-012-13	Ю	DIVI-30		
		DIODE 1331331-77			COII				
		DIODE U05G			<u>COIL</u>				
<i>7</i> 022 <u>11</u>	0-717-711-33	DIODE 0030		L642	1 /12 520 11	INDUCTOR	22UH		
0623	0 710 055 10	DIODE ERA22-08TP3		L042	1-412-327-11	INDUCTOR	22011		
)624	8-719-991-33				TDANICICTO	ıD.			
)625	8-719-991-33				TRANSISTO	<u>K</u>			
0020		540/34SL40/32S45/34SL45/3	1/II 4EC/22/14ECND/	O621 A	8 720 0 <i>11</i> 30	TRANSISTOR	2SK2845-LB1	N 2	
	,	0C/34SL40T/35S40/35S45/3							
14.24	8-719-109-93		73L43/37VL03C OHIY)	Q622	8-729-119-78		2SC2785-HFE 2SC2785-HFE		
0626	8-719-109-93			Q644	8-729-119-78				
0627	8-719-310-48	DIODE D1N20R		Q645	8-729-119-76		2SA1175-HFE		
1/20	0.710.0/2.70	DIODE DAMI 2011		Q646	8-729-119-76	TRANSISTOR	2SA1175-HFE		
0628		DIODE D1NL20U		0/47	0 700 110 70	TDANCICTOD	2002705 LIEF		
0631		DIODE RD3.6ES-B2		Q647	8-729-119-78		2SC2785-HFE		
./.22	•	34SL40C/34VL65C only)		Q648	8-729-922-39	TRANSISTOR	2SD2144S-V		
0632		DIODE D1NL20U-TA2			DECICEOR				
2/41	`	34SL40C/34VL65C only)			RESISTOR				
0641		DIODE D10SBS4F		D/02 A	1 210 77/ 11	CADDON	2 214	1/0/	V
0642 ∆	6-719-510-12	DIODE D10SC4M		K0U3 A	1-219-776-11			1/2V	V
	0.740.000.75	DIODE DOLCO!!				S40/34SL40/32S45/3			۸
0643	8-719-028-45	DIODE D2L20U		D/00 :		40T/35S40/35S45/37S		•	y)
0644	8-719-028-45			R603 A	1-247-289-00			5% 1W	
0645	8-719-028-45	DIODE D2L20U		D/0=	•	/34SL40C/37VL65C o	•	100/	
0646	8-719-028-45				1-202-933-61			1/2V	
0647	8-719-063-70	DIODE D1NL20U		R608 ∧	1-216-373-11	METAL	2.2	5% 2W	F



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Note:

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REF.NC). PART NO.	DESCRIPTION		RE	MARK	
R611 ∧	1-216-373-11	METAL	2.2	5%	2W	F
R612	1-215-903-11	METAL	68K	5%	2W	F
R613	1-215-903-11	METAL	68K	5%	2W	F
R614	1-215-903-11	METAL	68K	5%	2W	F
NO14	1-215-705-11	WEIAL	OOK	370	200	'
R615	1-215-903-11	METAL	68K	5%	2W	F
R618	1-249-425-11	CARBON	4.7K	5%	1/4W	
R619	1-249-425-11	CARBON	4.7K	5%	1/4W	
R620	1-249-425-11	CARBON	4.7K	5%	1/4W	
R621	1-249-429-11	CARBON	10K	5%	1/4W	
R622	1-247-863-91	CARBON	22K	5%	1/4W	
R623 ∧		CEMENTED	1	5%	20W	
		40/34SL40/32S45/3				
		OT/35S40/35S45/37S				
R623 △		CEMENTED	3.9	5%	20W	
	(KV-34VL65C/3	4SL40C/37VL65C o	nly)			
R624	1-260-131-11	CARBON	470K	5%	1/2W	
R625	1-260-131-11	CARBON	470K	5%	1/2W	
R626	1-249-425-11		4.7K	5%	1/4W	
R627 △		CEMENTED	0.47	5%	10W	
		40/34SL40/32S45/3				
	34VL65/34SL40	OT/35S40/35S45/37S	SL45/35V65CI	ND/37VL6	5 only)	
R628	1-240-205-91	CARBON	22M	5%	1/2W	
R629 △	1-220-797-11	CEMENTED	0.47	5%	10W	
		40/34SL40/32S45/3				
	34VL65/34SL40	OT/35S40/35S45/37S	SL45/35V65CI	ND/37VL6	5 only)	
R630	1-215-421-00	METAL	1K	1%	1/4W	
	(KV-34VL65C/3	7VL65C/34SL40C or	nly)			
R631	1-215-445-00	METAL	10K	1%	1/4W	
11001		7VL65C/34SL40C or		170	17 7 8 8	
R632	1-249-421-11		"y) 2.2K	5%	1/4W	
R633	1-249-421-11	CARBON		5%		
			10K		1/4W	
R634	1-249-437-11	CARBON	47K	5%	1/4W	
R635	1-247-791-91	CARBON	22	5%	1/4W	
R636	1-249-415-11	CARBON	680	5%	1/4W	
R637	1-260-302-51	CARBON	6.8	5%	1/2W	
R638	1-249-413-11	CARBON	470	5%	1/4W	
R639 △	1-249-389-11	CARBON	4.7	5%	1/4W	F
R640	1-215-485-00	METAL	470K	1%	1/4W	
R640	1-247-895-91	CARBON	470K	5%	1/4W	
R641	1-247-843-11	CARBON	3.3K	5%	1/4W	
R642	1-247-843-11	CARBON	3.3K	5%	1/4W	
						_
R643	1-249-387-11	CARBON	3.3	5%	1/4W	Г
R648	1-247-887-00	CARBON	220K	5%	1/4W	
R649	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R659	1-249-429-11	CARBON	10K	5%	1/4W	
R660 △	1-249-393-11	CARBON	10	5%	1/4W	F
R661	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R666 △	1-249-377-11	CARBON	0.47	5%	1/4W	F

REF.NO.	PART NO.	DESCRIPTION		REN	<u>IARK</u>	
R667 △	1-249-377-11	CARBON	0.47	5%	1/4W	F
R668 △	1-249-377-11	CARBON	0.47	5%	1/4W	F
R670 △	1-249-377-11	CARBON	0.47	5%	1/4W	F
R671 △	1-249-377-11	CARBON	0.47	5%	1/4W	F
R672 △	1-249-377-11	CARBON	0.47	5%	1/4W	F

RELAY

RY600 A 1-755-266-11 RELAY, AC POWER RY601 A 1-755-146-11 RELAY, AC POWER

TRANSFORMER

T601	Δ	1-426-717-11 TRANSFORMER, LINE FILTER (LFT)
		(KV-32V40/32S40/34SL40/32S45/34SL45/32V65CND/
		34VL65/34SL40T/35S40/35S45/37SL45/35V65CND/37VL65 only)
T602	Δ	1-426-717-11 TRANSFORMER, LINE FILTER (LFT)
T603	Δ	1-429-992-21 TRANSFORMER, CONVERTER (PRT)
T605	Δ	1-429-415-11 TRANSFORMER, CONVERTER (PIT)
		(KV-32V40/32S40/34SL40/32S45/34SL45/34SL40C/34SL40T/35S40/
		35S45/37SL45 only)
T605	Δ	1-431-467-11 TRANSFORMER, CONVERTER (PIT)
		(KV-34VL65C/32V65CND/34VL65/35V65CND/37VL65/37VL65C only)
		· · · · · · · · · · · · · · · · · · ·

T621 △ 1-431-852-11 TRANSFORMER, CONVEŸbER (SRT)

THERMISTOR

THP601△ 1-809-539-11 THERMISTOR, POSITIVE

(KV-32V40/32S40/34SL40/32S45/34SL45/32V65CND/

34VL65/35S40/35S45/37SL45/35V65CND/37VL65 only)

THP601△ 1-809-827-11 THERMISTOR, POSITIVE

(KV-34VL65C/34SL40C/34SL40T/37VL65C only)

VARISTOR

VDR602 1-801-074-41 VARISTOR ERZV10D271
(KV-32V40/32S40/34SL40/32S45/34SL45/32V65CND/
34VL65/34SL40T/35S40/35S45/37SL45/35V65CND/37VL65 only)

VDR602 1-809-267-41 VARISTOR ERZV10D471
(KV-34VL65C/34SL40C/37VL65C only)

REF.NO.	PART NO. DESCRIPTION		REI	<u>MARK</u>	REF.NO.	PART NO.	DESCRIPTION	<u>REMARK</u>
ЦС						<u>SWITCH</u>		
					S2101		21 SWITCH, TACTILE	
*	A-1372-507-A HS BOARD, C	OMPLETE			S2102	•	34SL45 only) 21 SWITCH, TACTILE	
	(KV-35S40/35S45/37SL45 only)				32102		34SL45 only)	
*	A-1372-510-A HS BOARD, C (KV-32V40/34VL65C/32V65CND/		SCND/		S2103		21 SWITCH, TACTILE 34SL45 only)	
	37VL65/37VL65C only)	341203/3310	JOIND/		S2104		21 SWITCH, TACTILE	
*	A-1372-519-A HS BOARD, C	OMPLETE			C210F		34SL45 only)	
	(KV-32S45/34SL45 only)				S2105		21 SWITCH, TACTILE 34SL45 only)	
	<u>CAPACITOR</u>				S2106		21 SWITCH, TACTILE 34SL45 only)	
C2168	1-104-665-11 ELECT	100MF	20%	25V	S2107	1-692-431-2	21 SWITCH, TACTILE	
C2169	(KV-32S45/34SL45 only) 1-126-959-11 ELECT	0.47MF	20%	50V		(KV-32S45/	34SL45 only)	
	(KV-32S45/34SL45 only)							
	CONNECTOR							
CN2101	•							
CN2102	•		CND/					
	(KV-32V40/34VL65C/32V65CND/ 37VL65/37VL65C/32S45/34SL45		OCIND/					
	DIODE							
D2106	1-810-039-11 LED UNIT (KV-32S45/34SL45 only)							
	10							
	<u>IC</u>							
IC2103	8-742-014-11 HYB IC SBX198 (KV-32S45/34SL45 only)	31-51						
	RESISTOR							
R2109	1-216-033-00 RES, CHIP	220	5%	1/10W				
	(KV-32S45/34SL45 only)							
R2110	1-216-033-00 RES, CHIP (KV-32S45/34SL45 only)	220	5%	1/10W				
R2159	1-216-047-91 RES, CHIP	820	5%	1/10W				
R2160	(KV-32S45/34SL45 only) 1-216-049-91 RES, CHIP	1K	5%	1/10W				
	(KV-32S45/34SL45 only)							
R2161	1-216-055-00 RES, CHIP (KV-32S45/34SL45 only)	1.8K	5%	1/10W				
R2162	1-216-065-91 RES, CHIP (KV-32S45/34SL45 only)	4.7K	5%	1/10W				
R2163	1-216-073-00 RES, CHIP	10K	5%	1/10W				
	(KV-32S45/34SL45 only)							

DEENO	DART NO DESCRIPTION	DEMARK	REF.NO.	PART NO.	DESCRIPTION		REMAR	ov.
<u>REF.NO.</u>	PART NO. DESCRIPTION	REMARK	KEF.NO.	PART NO.	DESCRIPTION		KEWA	<u>an</u>
HV	<u> </u>			<u>JACK</u>				
	_		J2231	1-691-110	-11 JACK, PIN 3P			
	* A-1372-505-A HV BOARD, COMP	LETE	32231		5C/32V65CND/34VL65/	/35V65CND/37	7VL65/37\	/L65C only)
	(KV-32V40 only)			(KV-32V40				····j/
	* A-1372-509-A HV BOARD, COMP		J2232	1-694-063	-11 TERMINAL, S			
	(KV-34VL65C/32V65CND/34VL65/35V65	3.1		(KV-34VL6	5C/32V65CND/34VL65	/35V65CND/37	7VL65/37\	/L65C only)
	* A-1372-523-A HV BOARD, COMP (KV-35S40/35S45/37SL45 only)	LEIE		RESISTO	<u>R</u>			
	CAPACITOR		R2009	1 216 022	-00 RES, CHIP	220	5%	1/10W
			R2010		-00 RES, CHIP	220	5%	1/10W
C2068	1-104-665-11 ELECT 100	MF 20% 25V	R2059		-91 RES, CHIP	820	5%	1/10W
C2070	1-165-319-11 CERAMIC CHIP 0.1				/35S45/37SL45 only)			
C2231	1-163-031-11 CERAMIC CHIP 0.01		R2060	•	-91 RES, CHIP	1K	5%	1/10W
	(KV-34VL65C/32V65CND/34VL65/35V65	• • •		(KV-32V40				
C2232		47MF 5% 50V		(KV-35S40	/35S45/37SL45 only)			
00000	(KV-34VL65C/32V65CND/34VL65/35V65	3.1	R2061	1-216-055	-00 RES, CHIP	1.8K	5%	1/10W
C2233		47MF 5% 50V		(KV-32V40				
	(KV-34VL65C/32V65CND/34VL65/35V65 (KV-32V40 only)	CND/3/VL65/3/VL65C ONIY)		(KV-35S40	/35S45/37SL45 only)			
	, , , , , , , , , , , , , , , , , , , ,		R2062	1-216-065	-91 RES, CHIP	4.7K	5%	1/10W
C2234	1-126-960-11 ELECT 1MI			(KV-32V40				
	(KV-34VL65C/32V65CND/34VL65/35V65	CND/37VL65/37VL65C only)		•	/35S45/37SL45 only)			
	(KV-32V40 only)		R2063	1-216-073	-00 RES, CHIP	10K	5%	1/10W
C2235	1-126-960-11 ELECT 1MI			(KV-32V40	only)			
	(KV-34VL65C/32V65CND/34VL65/35V65	CND/3/VL65/3/VL65C only)		(KV-35S40	/35S45/37SL45 only)			
	(KV-32V40 only)		R2231		-00 RES, CHIP	75	5%	1/10W
	CONNECTOR				5C/32V65CND/34VL65			-
	CONNECTOR		R2232		-00 RES, CHIP	75	5%	1/10W
CN2002*	1-564-518-11 PLUG, CONNECTOR 3	D		(KV-34VL6	5C/32V65CND/34VL65	/35V65CND/37	/VL65/37\	/L65C only)
CINZUUZ	(KV-34VL65C/32V65CND/34VL65/35V65		Dooro	4 04/ 0/5	04 DEC OUID	4.717	F0/	4/4014
	(100 0 102000 02000 10000 10000 00000	OND/OTVEOO/OTVEOOO OTILIJ)	R2233		-91 RES, CHIP	4.7K	5%	1/10W
	DIODE		R2235	•	5C/32V65CND/34VL65/ -00 RES, CHIP	75 75	7VL05/37V 5%	1/10W
	<u> </u>		RZZJJ	(KV-32V40	•	73	376	1/ 10 W
D2006	1-810-039-11 LED UNIT				5C/32V65CND/34VL65/	/35V65CND/37	7VI 65/37\	/I 65C only)
D2231	8-719-110-17 DIODE RD10ESB2		R2236		-00 RES, CHIP	470K	5%	1/10W
	(KV-34VL65C/32V65CND/34VL65/35V65	CND/37VL65/37VL65C only)		KV-32V40			0.0	
D2232	8-719-110-17 DIODE RD10ESB2				5C/32V65CND/34VL65/	/35V65CND/37	7VL65/37\	/L65C only)
	(KV-34VL65C/32V65CND/34VL65/35V65	CND/37VL65/37VL65C only)	R2237		-91 RES, CHIP	4.7K	5%	1/10W
D2233	8-719-110-17 DIODE RD10ESB2			KV-32V40	only)			
B000/	(KV-34VL65C/32V65CND/34VL65/35V65	CND/37VL65/37VL65C only)		(KV-34VL6	5C/32V65CND/34VL65	/35V65CND/37	7VL65/37\	/L65C only)
D2236	8-719-110-17 DIODE RD10ESB2	OND /27/11 / E /27/11 / EO I. \	R2238		-00 RES, CHIP	470K	5%	1/10W
	(KV-34VL65C/32V65CND/34VL65/35V65 (KV-32V40 only)	CND/3/VL65/3/VL65C ONIY)		KV-32V40	•	/251// 50ND /2	N.H. / E /O.T.\	// / CO - \
	·			(KV-34VL6	5C/32V65CND/34VL65/	35V65CND/3	/ VL05/3/\	/L65C ONIY)
	<u>IC</u>		R2239		-91 RES,CHIP	4.7K	5%	1/10W
IC2003	8-742-014-11 HYB IC SBX1981-51			(KV-32V40	<i>31</i>	/OF1 / / F O 1 - 5 - 5	n.u. / E / S = :	" (50 :)
102003	0-7-12-014-11 111010 30A1701-31			(KV-34VL6 SWITCH	5C/32V65CND/34VL65/	/35V65CND/37	/VL65/37\	/L65C only)

REF.NO.	PART NO.	DESCRIPTION	<u>REMARK</u>	REF.NO.	PART NO.	DESCRIPTION	<u>REMARK</u>
52001	1-692-431-21	SWITCH, TACTILE					
	(KV-32V40 only						
		S45/37SL45 only)					
S2002		SWITCH, TACTILE					
	(KV-32V40 only						
22002		S45/37SL45 only)					
S2003	(KV-32V40 only	SWITCH, TACTILE					
		y) S45/37SL45 only)					
S2004		SWITCH, TACTILE					
32001	(KV-32V40 only						
		545/37SL45 only)					
S2005		SWITCH, TACTILE					
	(KV-32V40 only						
	(KV-35S40/35S	S45/37SL45 only)					
2000/	1 (00 101 01	CIANTOLL TAOTH F					
S2006		SWITCH, TACTILE					
	(KV-32V40 only	y) S45/37SL45 only)					
S2007		SWITCH, TACTILE					
32007	(KV-32V40 only						
		545/37SL45 only)					
	(
				1			

REF.NO.	PART NO.	DESCRIPTION		REMARK		REF.NO.	PART NO.	DESCRIPTION		REMARK	
K							<u>IC</u>				
						IC1461	8-759-089-13	IC TDA7262			
* A-1380-585-A K BOARD, COMPLETE (KV-34VL65C/32V65CND/34VL65/35V65CND/37VL65/37VL65C only)						<u>IC LINK</u>					
	* 1 55/ 045 01	CARLERR		•		PS1461	1-532-984-11	LINK, IC 2A/90	V		
	* 1-556-945-21 * 1-557-056-31										
		V5/6 BRACKET				TRANSISTO	<u>)R</u>				
		ANTENNA SWITCH AS-2F				044/4	0.700.400.07	TRANSISTOR	000/044.0		
	0 070 414 00 ANTENNA OWITOTIAS ZI				Q1461	8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SA1162-G				
	CAPACITOR					Q1462 Q1463					
	CALACITOR	:				Q1463 Q1464	8-729-900-53	TRANSISTOR I			
C1461	1-126-960-11	ELECT	1MF	20%	50V	Q1464 Q1465	8-729-216-22				
C1462	1-126-960-11		1MF	20%	50V	Q1403	0-729-210-22	IKANSISTOR	23A1102-G		
C1463	1-126-961-11		2.2MF	20%	50V		DECICTOD				
C1464	1-104-666-11		220MF	20%	25V		<u>RESISTOR</u>				
C1465	1-126-960-11		1MF	20%	50V	R1461	1-216-061-00	RES, CHIP	3.3K	5%	1/10W
						R1462		RES, CHIP	10K	5%	1/10W
C1467	1-104-664-11	ELECT	47MF	20%	25V	R1464		RES, CHIP	3.3K	5%	1/10W
C1468	1-126-960-11		1MF	20%	50V	R1465	1-216-065-91		4.7K	5%	1/10W
C1470	1-104-666-11		220MF	20%	25V	R1466	1-216-089-91		4.7K	5%	1/10W
C1471	1-136-169-00		0.22MF	5%	50V	11100	1 210 007 71	KES, OTH	7/10	370	17 10 44
C1472	1-136-173-00	FILM	0.47MF	5%	50V	R1467	1-216-073-00	RES, CHIP	10K	5%	1/10W
						R1469	1-249-385-11		2.2	5%	1/4W F
C1473	1-128-550-11	ELECT	2200MF	20%	50V	R1470	1-249-385-11		2.2	5%	1/4W F
C1474	1-136-169-00	FILM	0.22MF	5%	50V	R1471	1-216-089-91		47K	5%	1/10W
C1475	1-128-550-11	ELECT	2200MF	20%	50V	R1472	1-216-041-00		470	5%	1/10W
C1476	1-128-550-11		2200MF	20%	50V						
C1477	1-104-665-11	ELECT	100MF	20%	25V	R1473	1-216-113-00	RES, CHIP	470K	5%	1/10W
						R1474	1-216-077-00	RES, CHIP	15K	5%	1/10W
C1478	1-126-969-11	ELECT	220MF	20%	50V	R1475	1-216-077-00	RES, CHIP	15K	5%	1/10W
						R1476	1-247-791-91	CARBON	22	5%	1/4W
CONNECTOR						R1477	1-249-417-11	CARBON	1K	5%	1/4W F
CN1461	* 1-564-508-11	PLUG, CONNECTO	OR 5P			R1478	1-247-791-91	CARBON	22	5%	1/4W
CN1462	* 1-564-507-11	1-564-507-11 PLUG, CONNECTOR 4P				R1479	1-249-417-11		1K	5%	1/4W F
CN1463	* 1-564-508-11	PLUG, CONNECTO	OR 5P			R1480	1-249-421-11		2.2K	5%	1/4W
						R1481	1-249-421-11		2.2K	5%	1/4W
	<u>DIODE</u>					R1482	1-216-073-00		10K	5%	1/10W
D1461	8-719-991-33	DIODE 1SS133T-7	7			D1402	1 21/ 072 00	DEC CLUD	101/	E0/	1/1014
D1462	8-719-979-50	DIODE EGP30D	•			R1483	1-216-073-00	•	10K	5% 5%	1/10W
D1463	8-719-991-33	DIODE 1SS133T-77			R1487 R1488	1-216-025-91 1-216-073-00		100 10K	5% 5%	1/10W 1/10W	
D1464	8-719-991-33	DIODE 1SS133T-77				K1400	1-210-073-00	RES, CHIP	IUN	370	1/1044
D1465	8-719-991-33	DIODE 1SS133T-77									
D1466	8-719-979-50	DIODE EGP30D									
D1467	8-719-979-50	DIODE EGP30D									

REF.NO.	PART NO.	DESCRIPTION	REMARK		REF.NO.	PART NO.	DESCRIPTION		REMA	<u>RK</u>	
						C3369	1-163-251-11	CERAMIC CHIP		5%	50V
						C3370	1-164-346-11	CERAMIC CHIP			16V
						C3371	1-163-017-00	CERAMIC CHIP		10%	50V
		A P BOARD, COI				C3372	1-164-005-11	CERAMIC CHIP	0.47MF		25V
		ND/34VL65/35V65C	ND/3/VL65/3	3/VL65C 0	nly)		CONNECTO	.			
(KV-3	2545/345L45/35	S45/37SL45 only)					CONNECTO	<u> </u>			
	CAPACITOR					CN3301*	1-764-816-11	CONNECTOR, B	DARD TO BOA	RD 20P	
00040	4 4/0 004 44	0554440 0145	0.04145		501/		10				
C3319	1-163-031-11	CERAMIC CHIP ELECT	0.01MF	2007	50V		<u>IC</u>				
C3320 C3321	1-126-960-11 1-163-231-11	CERAMIC CHIP	1MF 15PF	20% 5%	50V 50V	IC3302	8-759-231-53	IC TA7805S			
C3321	1-163-231-11	CERAMIC CHIP	15PF	5%	50V 50V	IC3302	8-759-533-89	IC SDA9288XE-0	FG-R121		
C3323	1-163-231-11	CERAMIC CHIP	0.01MF	370	50V 50V	IC3303	8-752-086-80	IC CXA2019AQ-			
03323	1-103-031-11	OLIVAINIO OIIII	0.011111		30 V	100001	0 702 000 00	10 0/1/1201//12			
C3324	1-104-664-11	ELECT	47MF	20%	16V		COIL				
C3328	1-104-664-11	ELECT	47MF	20%	16V						
C3329	1-104-664-11	ELECT	47MF	20%	16V	L3301	1-408-607-31	INDUCTOR 22U	4		
C3330	1-163-031-11	CERAMIC CHIP	0.01MF		50V	L3302	1-410-473-11	INDUCTOR 18U			
C3331	1-104-664-11	ELECT	47MF	20%	16V	L3303	1-408-612-31	INDUCTOR 56U	1		
C3332	1-104-664-11	ELECT	47MF	20%	25V		TRANSISTO	₹			
C3334	1-163-031-11	CERAMIC CHIP	0.01MF		50V		<u></u>	-			
C3335	1-163-038-91	CERAMIC CHIP	0.1MF		25V	Q3301	8-729-422-27	TRANSISTOR 29	5D601A-Q		
C3336	1-163-038-91	CERAMIC CHIP	0.1MF		25V	Q3302	8-729-216-22	TRANSISTOR 29	SA1162-G		
C3337	1-164-005-11	CERAMIC CHIP	0.47MF		25V	Q3306	8-729-216-22	TRANSISTOR 25	SA1162-G		
						Q3310	8-729-422-27	TRANSISTOR 29	D601A-Q		
C3340	1-163-031-11	CERAMIC CHIP	0.01MF		50V	Q3312	8-729-216-22	TRANSISTOR 29	SA1162-G		
C3346	1-163-251-11	CERAMIC CHIP	100PF	5%	50V						
C3347	1-126-960-11	ELECT	1MF	20%	50V	Q3314	8-729-216-22	TRANSISTOR 25	SA1162-G		
C3348	1-104-664-11	ELECT	47MF	20%	16V		DEGISTOR				
C3349	1-163-121-00	CERAMIC CHIP	150PF	5%	50V		RESISTOR				
C3350	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	R3301	1-216-295-91	SHORT			
C3352	1-163-031-11	CERAMIC CHIP	0.01MF		50V	R3302	1-216-295-91	SHORT			
C3353	1-164-346-11	CERAMIC CHIP	1MF		16V	R3305	1-216-057-00	RES, CHIP	2.2K	5%	1/10W
C3354	1-163-031-11	CERAMIC CHIP	0.01MF		50V	R3312	1-216-037-00	RES, CHIP	330	5%	1/10W
C3355	1-126-925-11	ELECT	470MF	20%	10V	R3313	1-216-295-91	SHORT			
C3356	1-163-038-91	CERAMIC CHIP	0.1MF		25V	R3314	1-216-049-91	RES, CHIP	1K	5%	1/10W
C3357	1-163-038-91	CERAMIC CHIP	0.1MF		25V 25V	R3323	1-216-045-91	RES, CHIP	4.7K	5%	1/10W
C3358	1-163-038-91	CERAMIC CHIP	0.1MF		25V	R3329	1-216-069-00	RES, CHIP	6.8K	5%	1/10W
C3359	1-163-038-91	CERAMIC CHIP	0.1MF		25V	R3330	1-216-295-91	SHORT	0.0.0	0.0	.,
C3360	1-163-038-91	CERAMIC CHIP	0.1MF		25V	R3337	1-216-033-00	RES, CHIP	220	5%	1/10W
C3361	1-163-038-91	CERAMIC CHIP	0.1MF	0001	25V	R3338	1-216-033-00	RES, CHIP	220	5%	1/10W
C3362	1-126-925-11	ELECT	470MF	20%	10V	R3339	1-216-049-91	RES, CHIP	1K	5%	1/10W
C3363	1-163-031-11	CERAMIC CHIP	0.01MF	F0.	50V	R3340	1-216-041-00	RES, CHIP	470	5%	1/10W
C3364	1-163-231-11	CERAMIC CHIP	15PF	5%	50V	R3341	1-216-057-00	RES, CHIP	2.2K	5% 5%	1/10W
C3365	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	R3342	1-216-057-00	RES, CHIP	2.2K	5%	1/10W
C3366	1-164-005-11	CERAMIC CHIP	0.47MF		25V	R3343	1-216-049-91	RES, CHIP	1K	5%	1/10W
C3367	1-126-963-11	ELECT	4.7MF	20%	50V	R3346	1-216-049-91	RES, CHIP	1K	5%	1/10W
C3368	1-164-005-11	CERAMIC CHIP	0.47MF		25V	R3351	1-216-295-91	SHORT			
						R3352	1-216-049-91	RES, CHIP	1K	5%	1/10W

1-216-047-91 1-216-047-91 1-216-053-00	RES, CHIP RES, CHIP	820				REF.NO.		
		020	5%	1/10W				
1-216-053-00	KLS, CHIF	820	5%	1/10W				
	RES, CHIP	1.5K	5%	1/10W				
1-216-053-00	RES, CHIP	1.5K	5%	1/10W				
1-216-041-00	RES, CHIP	470	5%	1/10W	l	l	l	
1-216-041-00	RES, CHIP	470	5%	1/10W				
1-216-073-00	RES, CHIP	10K	5%	1/10W				
1_208_786_11	DES CHID	1 5K	0.50%	1/10\\				
1-210-037-00	RES, CHIP	Z.ZK	370	1/1000				
1-216-025-91	RES, CHIP	100	5%	1/10W				
1-216-033-00	RES, CHIP	220	5%	1/10W				
1-216-109-00	RES, CHIP	330K	5%	1/10W				
1-216-295-91	SHORT							
1-216-295-91	SHORT							
1-216-025-91	RES, CHIP	100	5%	1/10W				
1-216-025-91	RES, CHIP	100	5%	1/10W				
1-216-061-00	RES, CHIP	3.3K	5%	1/10W				
CRYSTAL								
011101112								
1-760-095-21	VIBRATOR, CRY	STAL						
1-577-611-11	OSCILLATOR, C	ERAMIC						
1-567-505-11								
	1-216-041-00 1-216-041-00 1-216-071-00 1-216-073-00 1-208-786-11 1-216-077-00 1-216-025-91 1-216-025-91 1-216-025-91 1-216-033-00 1-216-109-00 1-216-295-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-025-91 1-216-01-00 CRYSTAL 1-760-095-21 1-577-611-11	1-216-041-00 RES, CHIP 1-216-041-00 RES, CHIP 1-216-071-00 RES, CHIP 1-216-073-00 RES, CHIP 1-216-073-00 RES, CHIP 1-208-786-11 RES, CHIP 1-216-077-00 RES, CHIP 1-216-025-91 RES, CHIP 1-216-025-91 RES, CHIP 1-216-033-00 RES, CHIP 1-216-109-00 RES, CHIP 1-216-295-91 SHORT 1-216-295-91 SHORT 1-216-025-91 RES, CHIP 1-216-025-91 RES, CHIP 1-216-025-91 RES, CHIP 1-216-295-91 RES, CHIP 1-216-025-91 RES, CHIP 1-216-05-91 RES, CHIP	1-216-041-00 RES, CHIP 470 1-216-041-00 RES, CHIP 470 1-216-041-00 RES, CHIP 470 1-216-071-00 RES, CHIP 470 1-216-073-00 RES, CHIP 8.2K 1-216-073-00 RES, CHIP 10K 1-208-786-11 RES, CHIP 15K 1-216-077-00 RES, CHIP 15K 1-216-025-91 RES, CHIP 100 1-216-025-91 RES, CHIP 100 1-216-033-00 RES, CHIP 2.2K 1-216-033-00 RES, CHIP 220 1-216-109-00 RES, CHIP 330K 1-216-295-91 SHORT 1-216-295-91 SHORT 1-216-025-91 RES, CHIP 100 1-216-025-91 RES, CHIP 330K CRYSTAL 1-760-095-21 VIBRATOR, CRYSTAL 1-577-611-11 OSCILLATOR, CERAMIC	1-216-041-00 RES, CHIP 470 5% 1-216-041-00 RES, CHIP 470 5% 1-216-041-00 RES, CHIP 470 5% 1-216-071-00 RES, CHIP 470 5% 1-216-073-00 RES, CHIP 8.2K 5% 1-216-073-00 RES, CHIP 10K 5% 1-208-786-11 RES, CHIP 10K 5% 1-216-077-00 RES, CHIP 15K 5% 1-216-025-91 RES, CHIP 100 5% 1-216-025-91 RES, CHIP 100 5% 1-216-057-00 RES, CHIP 2.2K 5% 1-216-033-00 RES, CHIP 2.2K 5% 1-216-033-00 RES, CHIP 20 5% 1-216-095-91 SHORT 1-216-295-91 SHORT 1-216-295-91 RES, CHIP 100 5% 1-216-295-91 RES, CHIP 330K 5% CRYSTAL 1-760-095-21 VIBRATOR, CRYSTAL 1-577-611-11 OSCILLATOR, CERAMIC	1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-071-00 RES, CHIP 8.2K 5% 1/10W 1-216-073-00 RES, CHIP 10K 5% 1/10W 1-208-786-11 RES, CHIP 10K 5% 1/10W 1-208-786-11 RES, CHIP 15K 5% 1/10W 1-216-077-00 RES, CHIP 15K 5% 1/10W 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-057-00 RES, CHIP 2.2K 5% 1/10W 1-216-033-00 RES, CHIP 2.2K 5% 1/10W 1-216-033-00 RES, CHIP 220 5% 1/10W 1-216-295-91 SHORT 1-216-295-91 SHORT 1-216-295-91 SHORT 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 330K 5% 1/10W 1-216-025-91 RES, CHIP 333K 5% 1/10W 1-216-025-91 RES, CHIP 333K 5% 1/10W 1-216-025-91 RES, CHIP 3.3K 5% 1/10W	1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-071-00 RES, CHIP 8.2K 5% 1/10W 1-216-073-00 RES, CHIP 10K 5% 1/10W 1-216-073-00 RES, CHIP 10K 5% 1/10W 1-216-070-00 RES, CHIP 10K 5% 1/10W 1-216-070-00 RES, CHIP 15K 5% 1/10W 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 2.2K 5% 1/10W 1-216-033-00 RES, CHIP 2.2K 5% 1/10W 1-216-033-00 RES, CHIP 220 5% 1/10W 1-216-095-91 SHORT 1-216-295-91 SHORT 1-216-295-91 SHORT 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 330K 5% 1/10W 1-216-025-91 RES, CHIP 3.3K 5% 1/10W 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 3.3K 5% 1/10W 1-216-061-00 RES, CHIP 3.3K 5% 1/10W CRYSTAL 1-760-095-21 VIBRATOR, CRYSTAL 1-577-611-11 OSCILLATOR, CERAMIC	1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-071-00 RES, CHIP 8.2K 5% 1/10W 1-216-073-00 RES, CHIP 10K 5% 1/10W 1-208-786-11 RES, CHIP 10K 5% 1/10W 1-208-786-11 RES, CHIP 15K 5% 1/10W 1-216-073-00 RES, CHIP 15K 5% 1/10W 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-057-00 RES, CHIP 2.2K 5% 1/10W 1-216-033-00 RES, CHIP 2.2K 5% 1/10W 1-216-033-00 RES, CHIP 220 5% 1/10W 1-216-295-91 SHORT 1-216-295-91 SHORT 1-216-295-91 SHORT 1-216-295-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 330K 5% 1/10W 1-216-295-91 SHORT 1-216-295-91 SHORT 1-216-295-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 3.3K 5% 1/10W 1-216-057-01 RES, CHIP 3.3K 5% 1/10W 1-216-057-01 RES, CHIP 3.3K 5% 1/10W 1-216-055-21 VIBRATOR, CRYSTAL 1-760-095-21 VIBRATOR, CRYSTAL 1-760-095-21 VIBRATOR, CRYSTAL 1-577-611-11 OSCILLATOR, CERAMIC	1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-041-00 RES, CHIP 470 5% 1/10W 1-216-071-00 RES, CHIP 8.2K 5% 1/10W 1-216-073-00 RES, CHIP 10K 5% 1/10W 1-216-077-00 RES, CHIP 15K 5% 1/10W 1-216-025-91 RES, CHIP 100 5% 1/10W 1-216-025-91 RES, CHIP 22K 5% 1/10W 1-216-033-00 RES, CHIP 22 5% 1/10W 1-216-035-91 RES, CHIP 330K 5% 1/10W 1-216-035-91 RES, CHIP 20 5% 1/10W 1-216-035-91 RES, CHIP 330K 5% 1/10W 1-216-045-91 RES, CHIP 330K 5% 1/10W 1-216-057-91 RES, CHIP 330K 5% 1/10W 1-216-057-91 RES, CHIP 330K 5% 1/10W 1-216-059-91 RES, CHIP 333K 5% 1/10W

REF.NO.	PART NO.	DESCRIPTION		REN	IARK	REF.NO.	PART NO.	DESCRIPTION		REMA	RK
1 11 /	ī					C192	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
-IUJV						C193	1-165-319-11	CERAMIC CHIP	0.1MF		50V
	J					C194	1-163-023-00	CERAMIC CHIP	0.015MF	10%	50V
*		A UV BOARD, CO	OMPLETE			C195	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
	(KV-32V40 only					C196	1-126-965-11	ELECT	22MF	20%	50V
*		A UV BOARD, CO									
	(KV-34VL65C/3	32V65CND/34VL65/3	35V65CND/37	VL65/37V	L65C only)	C197	1-165-319-11	CERAMIC CHIP	0.1MF		50V
						C198	1-126-960-11	ELECT	1MF	20%	50V
	CAPACITOR					C199	1-165-319-11	CERAMIC CHIP	0.1MF		50V
						C231	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C100	1-164-346-11	CERAMIC CHIP	1MF		16V	C232	1-136-161-00	FILM	0.047MF	5%	50V
C101	1-165-319-11	CERAMIC CHIP	0.1MF		50V				***************************************		
C102	1-164-346-11	CERAMIC CHIP	1MF		16V	C233	1-136-161-00	FILM	0.047MF	5%	50V
C103	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	C234	1-126-960-11	ELECT	1MF	20%	50V
C104	1-164-005-11	CERAMIC CHIP	0.47MF		25V	C235	1-126-960-11	ELECT	1MF	20%	50V
						C236	1-136-161-00	FILM	0.047MF	5%	50V
C105	1-164-005-11	CERAMIC CHIP	0.47MF		25V	C237	1-126-960-11	ELECT	1MF	20%	50V
C150	1-126-956-91	ELECT	0.1MF	20%	50V	0237	1-120-700-11	LLLOI	IIVII	2070	301
C153	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	C238	1-126-960-11	ELECT	1MF	20%	50V
C154	1-126-963-11	ELECT	4.7MF	20%	50V	C236	1-126-941-11	ELECT	470MF	20%	25V
C155	1-126-963-11	ELECT	4.7MF	20%	50V	C241	1-126-959-11	ELECT	0.47MF	20%	50V
						C242	1-126-959-11	ELECT	0.47NF 0.47MF		50V 50V
C156	1-126-963-11	ELECT	4.7MF	20%	50V	1				20%	
C158	1-126-963-11	ELECT	4.7MF	20%	50V	C245	1-126-941-11		470MF	20%	25V
C160	1-126-964-11	ELECT	10MF	20%	50V		(KV-34VL65C/	32V65CND/34VL65/3	35V05CND/3/	VL05/3/V	(LooC only)
C161	1-126-956-91	ELECT	0.1MF	20%	50V	2047	4 40/ 050 44	FLEAT	0.47145	000/	F01/
C162	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	C246	1-126-959-11		0.47MF	20%	50V
0102	1-103-017-00	OLIVAIVIIO OTIII	0.004711111	1070	30 V	2017	•	32V65CND/34VL65/3			•
C163	1-104-664-11	ELECT	47MF	20%	25V	C247	1-126-959-11		0.47MF	20%	50V
C164	1-165-319-11	CERAMIC CHIP	0.1MF	2070	50V	20/4	•	32V65CND/34VL65/3			•
C165	1-105-317-11	ELECT	10MF	20%	50V	C261	1-136-161-00		0.047MF	5%	50V
C168	1-126-963-11	ELECT	4.7MF	20%	50V		•	32V65CND/34VL65/3			•
C100	1-126-941-11	ELECT	4.7WF	20%	25V	C262	1-104-664-11	ELECT	47MF	20%	25V
CITI	1-120-741-11	LLLOI	4701111	2070	231	C263	1-136-161-00	FILM	0.047MF	5%	50V
C172	1-126-959-11	ELECT	0.47MF	20%	50V	C264	1-126-941-11	ELECT	470MF	20%	25V
C173	1-126-959-11	ELECT	0.47MF	20%	50V	C266	1-126-960-11		1MF	20%	50V
C174	1-126-964-11	ELECT	10MF	20%	50V			32V65CND/34VL65/3			
C176	1-126-964-11	ELECT	10MF	20%	50V	C267	1-126-960-11		1MF	20%	50V
C177	1-126-964-11	ELECT	10MF	20%	50V	0207		32V65CND/34VL65/3			
						C270	1-126-960-11		1MF	20%	50V
C178	1-126-964-11	ELECT	10MF	20%	50V	C271	1-126-960-11		1MF	20%	50V
C179	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V	0271	1 120 700 11	LLLOT	11411	2070	001
C180	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V	C275	1-104-664-11	FLFCT	47MF	20%	25V
C181	1-163-989-11	CERAMIC CHIP	0.033MF	10%	25V	C276	1-163-251-11		100PF	5%	50V
C182	1-163-989-11	CERAMIC CHIP	0.033MF	10%	25V	0270	1-103-231-11	CERAINIC CITI	10011	370	30 V
0400	4.4/0.00= 1:	OEDANIO 0:::-	4005	0	F01.		CONNECTO	<u>R</u>			
C183	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V						
C184	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	CN261	1-691-632-21	CONNECTOR, BO	ARD TO BOA	RD 15P	
C185	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	CN262	1-573-301-21	CONNECTOR, BO	ARD TO BOA	RD 20P	
C187	1-126-964-11	ELECT	10MF	20%	50V	CN263	* 1-564-506-11	PLUG, CONNECT	OR 3P		
C188	1-126-956-91	ELECT	0.1MF	20%	50V	CN264	1-573-979-21	CONNECTOR, BO	ARD TO BOA	RD 11P	
0100	1 10/ 05/ 01	FLEOT	0.4145	2004	F0\/	CN265	1-564-508-11	PLUG, CONNECT	OR 5P		
C189	1-126-956-91	ELECT CLUB	0.1MF	20%	50V		(KV-34VL65C/	32V65CND/34VL65/3	35V65CND/37	VL65/37V	L65C only)
C190	1-163-986-00	CERAMIC CHIP	0.027MF	10%	25V						
C191	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V						



Note:

Note:

The components identified with shading and a critical symbol (\(\Delta \)) are critical for safety. Replace only with part number specified.

Les composants identifies per un trame et une marque ∆ sont critiques pout la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
	DIODE			J902	1-764-143-11		CND/37VL65/37VL65C only)
D100	8-719-981-99	DIODE MTZJ-3.3		J903	1-764-143-11		ND/37 VL03/37 VL03C Offig)
D231		DIODE RD10ESB2			(KV-34VL65C/3	2V65CND/34VL65/35V65C	CND/37VL65/37VL65C only)
D232	8-719-110-17	DIODE RD10ESB2		J904	1-764-143-11		
D233		DIODE RD10ESB2			(KV-34VL65C/3	2V65CND/34VL65/35V650	CND/37VL65/37VL65C only)
D234	8-719-110-17	DIODE RD10ESB2			CHID CONDI	ICTOR	
D235	8-719-110-17	DIODE RD10ESB2			CHIP CONDU	<u>ICTOR</u>	
D236		DIODE RD10ESB2		JR101	1-216-295-91	SHORT	
D237	8-719-981-99	DIODE MTZJ-3.3			(KV-32V40 only)	
D238		DIODE MTZJ-3.3		JR106	1-216-295-91		
D239		DIODE MTZJ-3.3		JR107	1-216-295-91		
	`	32V65CND/34VL65/35V65CND/37VI	_65/	JR109	1-216-295-91		
	37VL65Conly)			JR201	(KV-32V40 only 1-216-295-91	•	
D240	8-719-110-17	DIODE RD10ESB2		311201	1 210 275 71	SHORT	
D241	8-719-110-17	DIODE RD10ESB2		JR204	1-216-295-91	SHORT	
D242		DIODE RD10ESB2		JR205	1-216-295-91		
D243		DIODE RD10ESB2		JR269	1-216-295-91		
D244	8-719-110-17	DIODE RD10ESB2		JR270	1-216-295-91		
D245	Q_710_0Q1_00	DIODE MTZJ-3.3		JR272	1-216-295-91	SHURI	
D243		32V65CND/34VL65/35V65CND/37VI	_65/	JR273	1-216-295-91	SHORT	
	37VL65C only)			JR274	1-216-295-91		
D246	•	DIODE MTZJ-3.3		JR276	1-216-295-91	SHORT	
D264		DIODE RD10ESB2		JR901	1-216-295-91		
D265		DIODE RD10ESB2			(KV-34VL65C/3	2V65CND/34VL65/35V65C	CND/37VL65/37VL65C only)
D902		DIODE RD10ESB2 32V65CND/34VL65/35V65CND/37VI	45/		TRANSISTOR)	
	37VL65C only)		-00/		INANSISTOR	<u>\</u>	
	,,			Q100	8-729-422-27	TRANSISTOR 2SD601A	-Q
	<u>IC</u>			Q101		TRANSISTOR 2SD601A	
10400	0.750.070.00	10. 07/100010		Q231		TRANSISTOR 2SD601A	
IC100 IC101		IC CXA2021S IC UPC4558G2		Q232		TRANSISTOR 2SD601A	-Q CND/37VL65/37VL65C only)
IC101		IC NJM2150M		Q233	•	TRANSISTOR 2SD601A	3.
IC103		IC TDA7467D		Q200	0 121 122 21	11011010101012000171	u
IC261	8-759-366-77	IC MM1311AD		Q234	8-729-422-27	TRANSISTOR 2SD601A	-Q
	(KV-32V40 only	<i>(</i>)		Q235	8-729-422-27	TRANSISTOR 2SD601A	-Q
							CND/37VL65/37VL65C only)
IC261		IC MM1313AD	/F/	Q236		TRANSISTOR 2SD601A	
	37VL65C only)	32V65CND/34VL65/35V65CND/37VI	_65/	0227	•	ZV65CND/34VL65/35V65C TRANSISTOR 2SA1162-	CND/37VL65/37VL65C only)
	37 VLOSC OHIS)			Q237 Q238		TRANSISTOR 2SA1162-	
	JACK			4200	0 727 210 22	THE WOLD TON LOTTING	
				Q239		TRANSISTOR 2SA1162-	
J231		TERMINAL BLOCK, S 3P		Q240		TRANSISTOR 2SA1162-	
J232		JACK BLOCK, PIN 3P		0044	•		CND/37VL65/37VL65C only)
J233		JACK BLOCK, PIN 2P		Q241		TRANSISTOR 2SA1162-	
J234 J235		JACK BLOCK, PIN 3P JACK BLOCK, PIN 3P		Q242	•	TRANSISTOR 2SA1162-	CND/37VL65/37VL65C only)
JZJJ		32V65CND/34VL65/35V65CND/37VI	_65/	Q24Z			CND/37VL65/37VL65C only)
	37VL65C only)			Q243	•	TRANSISTOR 2SA1162-	3.
	37						

Note:

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Note:

Les composants identifies per un trame et une marque ▲ sont critiques pout la securite. Ne les remplacer que par une piece portant le numero specifie.

COMPLETE PARTS LISTING



REF.NO.	PART NO.	DESCRIPTION		REI	<u>MARK</u>	REF.NO.	PART NO.	DESCRIPTION		RE	MARK
Q261		TRANSISTOR 29 32V65CND/34VL65		71/1 45/271	/I 4EC aphi)	R142	1-216-295-91	SHORT 32V65CND/34VL65/3	DEVICE OND 12	NII 4E/27N	I (EC only)
0262	•			/ VL03/3/ V	LOSC OHIY)	D201	•				•
Q262		TRANSISTOR 25				R201	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
Q263	8-729-216-22	TRANSISTOR 25				R202	1-216-049-91		1K	5%	1/10W
Q265	8-729-216-22	TRANSISTOR 25	SA1162-G			R203	1-216-069-00		6.8K	5%	1/10W
	RESISTOR					R204	1-216-069-00	RES, CHIP	6.8K	5%	1/10W
	KESISTOR					R206	1-216-049-91	RES CHIP	1K	5%	1/10W
R100	1-216-033-00	RES, CHIP	220	5%	1/10W	11200		32V65CND/34VL65/3			
R101	1-216-033-00	RES, CHIP	220	5%	1/10W	R207	1-216-295-91		J3 V03 C (VD/3/	V LUJ/J/V	Lose offiy)
R102	1-216-033-00	RES, CHIP	10K	5%	1/10W	KZU/		3110K1 32V65CND/34VL65/3	DEV/4ECNID/2	NII 45/27N	I AEC only)
R103	1-216-093-00	RES, CHIP	68K	5%	1/10W	R208	1-216-049-91		1K	5%	1/10W
						K200					
R104	1-216-089-91	RES, CHIP	47K	5%	1/10W	Door	•	32V65CND/34VL65/3			3,
			.=	=0.		R209	1-216-069-00		6.8K	5%	14W
R105	1-216-089-91	RES, CHIP	47K	5%	1/10W			32V65CND/34VL65/3			•
R106	1-216-049-91	RES, CHIP	1K	5%	1/10W	R210	1-216-069-00		6.8K	5%	1/10W
R107	1-216-049-91	RES, CHIP	1K	5%	1/10W		(KV-34VL65C/3	32V65CND/34VL65/	35V65CND/37	VL65/37V	L65C only)
R108	1-216-073-00	RES, CHIP	10K	5%	1/10W						
R109	1-216-089-91	RES, CHIP	47K	5%	1/10W	R212	1-249-440-11	CARBON	82K	5%	1/4W
						R213	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R110	1-216-089-91	RES, CHIP	47K	5%	1/10W	R214	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R111	1-216-025-91	RES, CHIP	100	5%	1/10W	R215	1-249-413-11		470	5%	1/4W
R112	1-216-121-91	RES, CHIP	1M	5%	1/10W	R216	1-216-025-91	RES, CHIP	100	5%	1/10W
R113	1-216-081-00	RES, CHIP	22K	5%	1/10W			,			
R114	1-216-081-00	RES, CHIP	22K	5%	1/10W	R217	1-216-025-91	RES, CHIP	100	5%	1/10W
KIIT	1 210 001 00	KES, OTH	ZZIX	370	17 10 11	R218	1-216-025-91	RES, CHIP	100	5%	1/10W
R115	1-216-081-00	RES, CHIP	22K	5%	1/10W	R219	1-216-025-71		4.7K	5%	1/10W
R116	1-216-081-00	RES, CHIP	22K 22K	5%	1/10W	INZ 17		32V65CND/34VL65/3			
						Dago					
R117	1-216-073-00	RES, CHIP	10K	5%	1/10W	R220	1-216-065-91		4.7K	5%	1/10W
R118	1-216-073-00	RES, CHIP	10K	5%	1/10W	B004	•	32V65CND/34VL65/3			•
R119	1-216-073-00	RES, CHIP	10K	5%	1/10W	R221	1-249-413-11		470	5%	1/4W
D104	1 21/ 022 00	DEC CUID	220	F0/	1/10///		(KV-34VL65C/3	32V65CND/34VL65/3	35V65CND/3	VL65/3/V	L65C Only)
R124	1-216-033-00	RES, CHIP	220	5%	1/10W	Door	4 04/ 005 04	DEC OUID	400	F0/	4/4014
R125	1-216-033-00	RES, CHIP	220	5%	1/10W	R222	1-216-025-91		100	5%	1/10W
R126	1-216-063-91	RES, CHIP	3.9K	5%	1/10W		•	32V65CND/34VL65/3			•
R127	1-216-089-91	RES, CHIP	47K	5%	1/10W	R223	1-216-025-91		100	5%	1/10W
R128	1-216-085-00	RES, CHIP	33K	5%	1/10W		•	32V65CND/34VL65/3			•
						R224	1-216-025-91		100	5%	1/10W
R129	1-216-053-00		1.5K	5%	1/10W		(KV-34VL65C/3	32V65CND/34VL65/3	35V65CND/37		•
R130	1-216-100-00	RES, CHIP	130K	5%	1/10W	R225	1-247-815-91		220	5%	1/4W
R131	1-216-049-91	RES, CHIP	1K	5%	1/10W		(KV-34VL65C/3	32V65CND/34VL65/	35V65CND/37	VL65/37V	L65C only)
R132	1-216-088-00	RES, CHIP	43K	5%	1/10W	R226	1-247-815-91	CARBON	220	5%	1/4W
R133	1-216-061-00	RES, CHIP	3.3K	5%	1/10W		(KV-34VL65C/3	32V65CND/34VL65/3	35V65CND/37	VL65/37V	L65C only)
R134	1-216-061-00	RES, CHIP	3.3K	5%	1/10W	R227	1-249-440-11	CARBON	82K	5%	1/4W
R135	1-216-097-91	RES, CHIP	100K	5%	1/10W			32V65CND/34VL65/3			
R136	1-216-093-00	RES, CHIP	68K	5%	1/10W	R228	1-216-033-00		220	5%	1/10W
R137	1-216-025-91	RES, CHIP	100	5%	1/10W	R229	1-216-035-00		100	5%	1/10W
R141	1-216-295-91		100	J /0	1/ 1000	R230	1-216-023-91		220	5%	1/10W
K141		30001 32V65CND/34VL65	/35V65CND/3	7VL65/37\	/L65C only)	R230	1-216-033-00	RES, CHIP	75	5% 5%	1/10W 1/10W
					•		4 04 / 22 -			F 0.	
						R232	1-216-022-00		75	5%	1/10W
						R233	1-216-065-91		4.7K	5%	1/10W
						R234	1-216-022-00	RES, CHIP	75	5%	1/10W
						R235	1-216-113-00	RES, CHIP	470K	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION		REN	IARK	REF.NO.	PART NO.	DESCRIPTION		REMAI	RK
R236	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	R275	1-249-425-	11 CARBON	4.7K	5%	1/4W
R237	1-216-113-00	RES, CHIP	470K	5%	1/10W			5C/32V65CND/34VL6			
R238	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	R276	•	11 CARBON	4.7K	5%	1/4W
R239	1-216-022-00	RES, CHIP	75	5%	1/10W			5C/32V65CND/34VL6			
R240	1-216-113-00	RES, CHIP	470K	5%	1/10W	R277	1-216-049-		1K	5%	1/10W
						R278		11 CARBON	470	5%	1/4W
R241	1-216-065-91	RES, CHIP	4.7K	5%	1/10W			5C/32V65CND/34VL6			
R242	1-216-113-00	RES, CHIP	470K	5%	1/10W	R279	•	91 RES, CHIP	100	5%	1/10W
R243	1-216-065-91	RES, CHIP	4.7K	5%	1/10W						
R244	1-216-113-00	RES, CHIP	470K	5%	1/10W	R280	1-216-033-	00 RES, CHIP	220	5%	1/10W
R245	1-249-417-11	CARBON	1K	5%	1/4W	R281	1-216-033-	·	220	5%	1/10W
						R282	1-216-025-		100	5%	1/10W
R246	1-216-113-00	RES, CHIP	470K	5%	1/10W	R283	1-216-025-		100	5%	1/10W
R247	1-249-417-11	CARBON	1K	5%	1/4W	R284	1-216-065-		4.7K	5%	1/10W
R248	1-216-021-00	RES, CHIP	68	5%	1/10W					• 70	
R249	1-216-113-00	RES, CHIP	470K	5%	1/10W	R285	1-216-065-	91 RES, CHIP	4.7K	5%	1/10W
R250	1-216-113-00	RES, CHIP	470K	5%	1/10W	R286	1-216-049-	•	1K	5%	1/10W
		·				R288	1-247-815-		220	5%	1/4W
R251	1-216-113-00	RES, CHIP	470K	5%	1/10W	R289	1-247-815-		220	5%	1/4W
R252	1-216-019-00	RES, CHIP	56	5%	1/10W	R290	1-247-815-		220	5%	1/4W
	(KV-34VL65C/3	32V65CND/34VL65				11270	1 247 013	71 OARBON	220	370	1/ TVV
R253	1-216-113-00		470K	5%	1/10W	R291	1-216-025-	91 RES, CHIP	100	5%	1/10W
		32V65CND/34VL65				R292	1-216-025-	·	100	5%	1/10W
R254	1-216-113-00		470K	5%	1/10W	11272	(KV-32V40	•	100	370	171044
		32V65CND/34VL65		37VL65/37\	/L65C only)	R293	•	91 RES, CHIP	100	5%	1/10W
R255	1-216-113-00		470K	5%	1/10W	11273		5C/32V65CND/34VL6			
		32V65CND/34VL65	/35V65CND/3	37VL65/37\	/L65C only)	R294	1-216-049-		1K	5%	1/10W
	`				"	R902	1-249-405-	•	100	5%	1/4W
R256	1-216-069-00	RES, CHIP	6.8K	5%	1/10W	11702		5C/32V65CND/34VL6			
R258	1-216-069-00		6.8K	5%	1/10W		(144 0 14 204	00/02 400 014 070 14 00	7,001,000,110,1	J7 V LOO7 07 1	Lood only)
	(KV-34VL65C/3	32V65CND/34VL65	/35V65CND/3	37VL65/37\	/L65C only)	R919	1-216-295-	91 SHORT			
R259	1-216-065-91	RES, CHIP	4.7K	5%	1/10W	11717		5C/32V65CND/34VL6	5/35V65CND/	37\/I 65/37\	/I 65C only)
R260	1-247-807-31	CARBON	100	5%	1/4W	R920	•	11 CARBON	100	5%	1/4W
		32V65CND/34VL65			/L65C only)	11720		5C/32V65CND/34VL6			
R261	1-216-009-00		22	5%	1/10W	R921	•	11 CARBON	100	5%	1/4W
		32V65CND/34VL65		37VL65/37\	/L65C only)	11.721		5C/32V65CND/34VL6			
	`				"	R922	•	91 RES, CHIP	1K	5%	1/10W
R264	1-247-815-91	CARBON	220	5%	1/4W	11722		5C/32V65CND/34VL6			
R265	1-247-815-91	CARBON	220	5%	1/4W	R923	•	91 RES, CHIP	1K	5%	1/10W
R266	1-216-043-91	RES, CHIP	560	5%	1/10W	11,720		5C/32V65CND/34VL6			
		32V65CND/34VL65			I		(100 040 000	70/32 V030 ND/34 VL0	7/33 V 03 O I V D/	37 VL03/37 V	Lose only)
R267	1-249-415-11		680	5%	1/4W	R924	1-216-049-	91 RES, CHIP	1K	5%	1/10W
	(KV-34VL65C/3	32V65CND/34VL65	/35V65CND/3	37VL65/37\		11.721		5C/32V65CND/34VL6			
R268	1-216-025-91		100	5%	1/10W)		(100 040 000	JO/32 V 03 O I V D/34 V E 0	733 1030 1107	J7 V LOS/37 V	reduce only)
R269	1-216-025-91	RES, CHIP	100	5%	1/10W						
R270	1-216-041-00	RES, CHIP	470	5%	1/10W						
R271	1-249-415-11	CARBON	680	5%	1/4W						
R272											
	1-249-417-11	CARBON	1K	5%	1/4W						

REF.NO.	PART NO.	DESCRIPTION		RE	MARK	REF.NO.	PART NO.	DESCRIPTION		REMA	ARK
					=		<u>IC</u>				
W	<i>1</i>						10				
	<u> </u>					IC961	8-759-700-07	IC NJM2903N	Л		
,		A WA BOARD, CC 845/37SL45/35V65C		7VI 65C. c	nlv)	IC981	8-759-603-37	IC M5216P			
	(1000107000	710/070210/004000	140707 420070	7 1 2000 0	····y)		COIL				
	4-382-854-11	SCREW (M3X10),	P, SW (+)			1.040	1 015 0/0 11	METAL OVIDE	100	F0/	41M/ E
	CAPACITOR					L942 L962	1-215-863-11 1-406-989-21	METAL OXIDE INDUCTOR	100	5%	1W F
	CAPACITOR					L963	1-406-675-11	INDUCTOR			
C941	1-126-935-11	ELECT	470MF	20%	16V						
C944	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V		JUMPER WII	<u>RE</u>			
C945	1-163-001-11	CERAMIC CHIP	220PF	10%	50V						
C946	1-126-933-11	ELECT	100MF	20%	16V	JW919	1-136-165-00	FILM	0.1MF	5%	50V
C949	1-161-830-00	CERAMIC CHIP	0.0047MF		500V		TDANCICTO	_			
C950	1-126-933-11	ELECT	100MF	20%	16V		<u>TRANSISTOI</u>	<u> </u>			
C951	1-120-933-11	ELECT	33MF	20%	160V	Q943	8-729-422-27	TRANSISTOR	2SD601A_O		
C952	1-107-030-11	MYLAR	0.1MF	10%	200V	Q944	8-729-422-27	TRANSISTOR			
C953	1-106-383-00	MYLAR	0.047MF	10%	200V 200V	Q945	8-729-422-27	TRANSISTOR			
C954	1-137-364-11	FILM	0.001MF	5%	50V	Q946	8-729-017-05	TRANSISTOR			
						Q947	8-729-017-06	TRANSISTOR			
C955	1-107-667-11	ELECT	2.2MF	20%	160V						
C956	1-137-364-11	FILM	0.001MF	5%	50V	Q962	8-729-931-45	TRANSISTOR	IRF614		
C957	1-106-383-00	MYLAR	0.047MF	10%	200V	Q963	8-729-216-22	TRANSISTOR			
C958	1-126-933-11	ELECT	100MF	20%	16V	Q965	8-729-422-27	TRANSISTOR			
C961	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	Q966	8-729-216-22	TRANSISTOR			
00/0	1 1/2 021 01	CEDAMIC CUID	0.01MF	100/	FOV	Q981	8-729-422-27	TRANSISTOR	2SD601A-Q		
C962 C965	1-163-021-91 1-163-035-00	CERAMIC CHIP CERAMIC CHIP	0.01MF 0.047MF	10%	50V 50V		DECICTOR				
C966	1-163-033-00	CERAMIC CHIP	0.047NF 0.001MF	10%	50V 50V		RESISTOR				
C967	1-103-007-11	FILM	0.001MF	5%	630V	R943	1-216-025-91	RES, CHIP	100	5%	1/10W
C968	1-137-579-11	FILM	0.068MF	5%	100V	R948	1-216-049-91	RES, CHIP	1K	5%	1/10W
						R949	1-216-049-91	RES, CHIP	1K	5%	1/10W
C969	1-163-035-00	CERAMIC CHIP	0.047MF		50V	R950	1-216-049-91	RES, CHIP	1K	5%	1/10W
C981	1-126-941-11	ELECT	470MF	20%	25V	R951	1-216-049-91	RES, CHIP	1K	5%	1/10W
C983	1-137-366-11	FILM	0.0022MF	5%	50V						
						R952	1-216-037-00	RES, CHIP	330	5%	1/10W
	CONNECTO	<u>R</u>				R953	1-216-021-00	RES, CHIP	68	5%	1/10W
011044	4 5/4 544 44	DILLO COMMENT	00.00			R954	1-216-033-00	RES, CHIP	220	5%	1/10W
CN941	1-564-511-11			DD 0D		R955	1-216-047-91	RES, CHIP	820	5%	1/10W
	1-770-723-11	CONNECTOR, BC		KD 8P		R956	1-216-295-91	SHORT			
CIN981	1-564-506-11	PLUG, CONNECT	UK 3P			R957	1-216-073-00	RES, CHIP	10K	5%	1/10W
	DIODE					R958	1-216-295-91	SHORT	IUK	370	1/1000
	DIODL					R959	1-216-021-00	RES, CHIP	68	5%	1/10W
D941	8-719-991-33	DIODE 1SS133T-	77			R960	1-216-689-11	RES, CHIP	39K	5%	1/10W
D946	8-719-110-88	DIODE RD39ESB				R961	1-216-073-00	RES, CHIP	10K	5%	1/10W
D947	8-719-110-88	DIODE RD39ESB						, -			
D961	8-719-109-89	DIODE RD5.6ESE				R962	1-216-057-00	RES, CHIP	2.2K	5%	1/10W
D962	8-719-991-33	DIODE 1SS133T-	77			R963	1-216-097-91	RES, CHIP	100K	5%	1/10W
						R964	1-216-073-00	RES, CHIP	10K	5%	1/10W
D964	8-719-302-43	DIODE EL1Z				R965	1-216-073-00	RES, CHIP	10K	5%	1/10W
						R966	1-216-097-91	RES, CHIP	100K	5%	1/10W



REF.NO	D. PART NO.	DESCRIPTION		R	<u>EMARK</u>	REF.NO.	PART NO.	DESCRIPTION	REMARK
R967	1-216-065-91	RES, CHIP	4.7K	5%	1/10W				
R968	1-216-083-00	RES, CHIP	27K	5%	1/10W				
R969	1-216-295-91	SHORT							
R970	1-216-033-00	RES, CHIP	220	5%	1/10W				
R971	1-247-899-11	CARBON	680K	5%	1/4W				
R972	1-216-073-00	RES, CHIP	10K	5%	1/10W				
R973	1-216-121-91	RES, CHIP	1M	5%	1/10W				
R974	1-216-073-00	RES, CHIP	10K	5%	1/10W				
R975	1-216-446-00	METAL OXIDE	18	5%	2W F				
R976	1-216-423-11	METAL OXIDE	27	5%	1W F				
R979	1-216-017-91	RES, CHIP	47	5%	1/10W				
R981	1-216-081-00	RES, CHIP	22K	5%	1/10W				
R982	1-216-081-00	RES, CHIP	22K	5%	1/10W				
R983	1-216-081-00	RES, CHIP	22K	5%	1/10W				
R984	1-216-081-00	RES, CHIP	22K	5%	1/10W				
R987	1-216-049-91	RES, CHIP	1K	5%	1/10W				
R988	1-216-295-91	SHORT							
R989	1-216-304-11	RES, CHIP	3.3	5%	1/10W				
R992	1-216-073-00	RES, CHIP	10K	5%	1/10W				
R1941	1-260-311-11	CARBON	39	5%	1/2W				
R1942	1-249-384-11	CARBON	1.8	5%	1/4W F				
R1943	1-249-414-11	CARBON	560	5%	1/4W F				
R1944	1-249-432-11	CARBON	18K	5%	1/4W				
R1945	1-216-476-11	METAL OXIDE	180	5%	3W F				
R1946	1-249-417-11	CARBON	1K	5%	1/4W F				
R1947	1-249-432-11	CARBON	18K	5%	1/4W				
R1948	1-249-414-11	CARBON	560	5%	1/4W				
R1949	1-249-384-11	CARBON	1.8	5%	1/4W F				
R1950	1-249-400-11	CARBON	39	5%	1/4W F				

REF.NO.	PART NO.	<u>DESCRIPTION</u> <u>REMARK</u>		REF.NO.	PART NO.	DESCRIPTION		REN	<u>IARK</u>				
\//[<u> </u>							RESISTOR					
VV E)						R2943	1-216-025-91	RES,CHIP	100	5%	1/10W	
	_						R2948	1-216-049-91	RES,CHIP	1K	5%	1/10W	
	* A 1272 EAO	A WB BOARD, CO	MDI ETE				R2949	1-216-049-91	RES,CHIP	1K	5%	1/10W	
		L65C/32V65CND/34		,			R2950	1-216-049-91	RES,CHIP	1K	5%	1/10W	
	•	0C/32S45/34SL45 o					R2951	1-216-049-91	RES,CHIP	1K	5%	1/10W	
		0.005/11/(1.10)/4.0)	D 0111/				Danea	1 21/ 027 00	RES,CHIP	330	E0/	1/10///	
	4-382-854-11	SCREW (M3X10),	P, SW (+)				R2952 R2953	1-216-037-00 1-216-021-00	RES,CHIP	530 68	5% 5%	1/10W 1/10W	
	CAPACITOR						R2954	1-216-033-00	RES,CHIP	220	5%	1/10W	
	<u>OAI AOITOR</u>						R2955	1-216-047-91	RES,CHIP	820	5%	1/10W	
C2941	1-126-935-11	ELECT	470MF	20%	16V		R2956	1-216-295-91	SHORT				
C2941	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V								
C2944 C2946	1-103-021-71	ELECT	100MF	20%	16V		R2957	1-216-073-00	RES,CHIP	10K	5%	1/10W	
C2946 C2949	1-120-933-11			2070	500\	,	R2958	1-216-295-91	SHORT	1010	370	1, 1044	
C2949 C2950		CERAMIC CHIP	0.0047MF	200/			R2959	1-216-021-00	RES,CHIP	68	5%	1/10W	
C2950	1-126-933-11	ELECT	100MF	20%	16V		R2979	1-216-021-00	RES,CHIP	47	5%	1/10W	
00054	4 407 (00 44	EL E O T	00145	2021	4 (0)			1-260-311-11	CARBON	39	5%	1/10W	
C2951	1-107-638-11	ELECT	33MF	20%	160\		R4941	1-200-311-11	CARDON	39	370	1/200	
C2952	1-104-999-11	MYLAR	0.1MF	10%	200\		DAGAS	1 240 204 11	CADDON	1.0	F0/	1////	_
C2953	1-106-383-00	MYLAR	0.047MF	10%	200\		R4942	1-249-384-11	CARBON	1.8	5%	1/4W	
C2954	1-137-364-11	FILM	0.001MF	5%	50V		R4943	1-249-414-11	CARBON	560	5%	1/4W	ŀ
C2955	1-107-667-11	ELECT	2.2MF	20%	160\		R4944	1-249-432-11	CARBON	18K	5%	1/4W	_
							R4945	1-216-476-11	METAL OXIDE	180	5%	3W	F
C2956	1-137-364-11	FILM	0.001MF	5%	50V		R4946	1-249-417-11	CARBON	1K	5%	1/4W	ŀ
C2957	1-106-383-00	MYLAR	0.047MF	10%	200\	'							
C2958	1-126-933-11	ELECT	100MF	20%	16V		R4947	1-249-432-11	CARBON	18K	5%	1/4W	
C2975	1-163-001-11	CERAMIC CHIP	220PF	10%	50V		R4948	1-249-414-11	CARBON	560	5%	1/4W	
	001115070	_					R4949 R4950	1-249-384-11 1-249-400-11	CARBON CARBON	1.8 39	5% 5%	1/4W 1/4W	
	CONNECTOR	<u> </u>					K4750	1-247-400-11	CARDON	37	370	1/4/1/	Г
CN2941*	1-564-508-11	PLUG, CONNECTO	OR 5P										
	DIODE												
D2941	8-719-991-33	DIODE 1SS133T-7	77										
D2946	8-719-110-88	DIODE RD39ESB											
D2740 D2947	8-719-110-88	DIODE RD39ESB											
			_										
	COIL												
L2942	1-215-863-11	METAL OXIDE	100	5%	1W	F							
	TRANSISTOR	3											
Q2943	8-729-422-27	TRANSISTOR 2SI	D601A.O										
Q2943 Q2944	8-729-422-27	TRANSISTOR 2SI											
Q2944 Q2945	8-729-422-27	TRANSISTOR 2SI											
Q2945 Q2946	8-729-422-27	TRANSISTOR 2SI											
Q2946 Q2947	8-729-017-05	TRANSISTOR 25/											
	3 ,2, 01, 00												
Q2965	8-729-422-27	TRANSISTOR 2SI											
Q2966	8-729-216-22	TRANSISTOR 2S	A1162-G										

(KV-34SL45/35S45/37SL45)

REF.NO. PART NO. DESCRIPTION REMARK	REF.NO. PART NO. <u>DESCRIPTION</u> <u>REMARK</u>
S SERIES	<u>V SERIES</u>
ACCESSORIES AND PACKING MATERIALS	ACCESSORIES AND PACKING MATERIALS
4-041-259-01 * BAG, PROTECTION (KV-32S40/34SL40/34SL40C/32S45/ 34SL45/34SL40T)	4-041-259-01 * BAG, PROTECTION (KV-32V40/34VL65C/32V65/34VL65) 4-053-658-01 * BAG, PROTECTION (KV-35V65/35VL65/35V65C)
4-053-658-01 * BAG, PROTECTION (KV-35S40/35S45/37SL45)	4-065-159-01 * INDIVIDUAL CARTON (KV-34VL65C/34VL65)
4-063-179-01 * CARTON, INDIVIDUAL (KV-32S40/32S45/34SL40T)	4-053-276-01 * INDIVIDUAL CARTON (KV-34VE03C/34VE03) 4-053-276-01 * INDIVIDUAL CARTON (KV-35V65/35VL65/35V65C)
4-056-782-01 * CARTON, INDIVIDUAL (KV-35S40/35S45/37SL45) 4-065-233-01 * CARTON, INDIVIDUAL (KV-34SL40/34SL40C/34SL45)	4-054-073-12 * INDIVIDUAL CARTON (KV-32V40/32V65)
4-056-783-01 * CUSHION, UPPER ASSY (KV-35S40/35S45/37SL45)	4-053-277-01 * CUSHION, UPPER ASSY (KV-35V65/35VL65/35V65C)
4-063-180-01 * CUSHION, UPPER ASSY (KV-32S40/34SL40/34SL40C/32S45/ 34SL45/34SL40T)	4-054-067-01 * CUSHION, UPPER ASSY (KV-32V40/34VL65C/32V65/34VL65)
I-056-784-01 * CUSHION, LOWER ASSY (KV-35S40/35S45/37SL45)	4-054-070-01 * CUSHION, LOWER ASSY (KV-32V40/34VL65C/32V65/34VL65
4-063-181-01 * CUSHION, LOWER ASSY (KV-32S40/34SL40/34SL40C/32S45/ 34SL45/34SL40T)	4-053-278-01 * CUSHION, LOWER ASSY (KV-35V65/35VL65/35V65C)
0.02.00.0	3-862-568-21 MANUAL, INSTRUCTION (KV-32V40)
3-862-568-21 MANUAL, INSTRUCTION (KV-32S40/32S45/35S40/35S45)	3-862-568-31 MANUAL, INSTRUCTION (KV-32V40CND/32V65CND/35V65CND
3-862-708-41 MANUAL, INSTRUCTION (KV-34SL40/34SL40C/34SL45/ 37SL45)	3-862-708-41 MANUAL, INSTRUCTION (KV-34VL65C/34VL65/37VL65C/37VL6
3-864-098-71 MANUAL, INSTRUCTION (KV-34SL40T)	REMOTE COMMANDER
	1-475-801-11 REMOTE COMMANDER (RM-Y165)
REMOTE COMMANDER	(KV-32V40)
4 47F 004 44 DEMOTE COMMANDED (DM)/4/F)	4-978-977-01 BATTERY COVER (FOR REMOTE)
I-475-801-11 REMOTE COMMANDER (RM-Y165) (KV-32S40/34SL40/34SL40C/32S45/35S40/34SL40T)	(KV-32V40)
(KV-32340/343L40/343L40C/32343/33340/343L40T) 4-978-977-01 BATTERY COVER (FOR REMOTE)	1-475-802-11 REMOTE COMMANDER (RM-Y167)
(KV-32S40/34SL40/34SL40C/32S45/35S40/34SL40T)	(KV-34VL65C/32V65CND/34VL65/35V65CND/37VL65/37VL65C)
	4-978-977-01 BATTERY COVER (FOR REMOTE)
1-475-802-11 REMOTE COMMANDER (RM-Y167)	(KV-34VL65C/32V65CND/34VL65/35V65CND/37VL65/37VL65C)
(KV-34SL45/35S45/37SL45) 4-978-977-01 BATTERY COVER (FOR REMOTE)	
4-7/8-7/7-UT DATTERY COVER (FOR REWOTE)	

SERVICE MANUAL

AA-2D CHASSIS

MODEL	DEST.	COMMANDER	CHASSIS NO.
KV-32S40	US	RM-Y165	SCC-S07A-A
KV-32S40	CND	RM-Y165	SCC-S08A-A
KV-32S45	US	RM-Y167	SCC-S07B-A
KV-32S45	CND	RM-Y167	SCC-S08B-A
KV-34SL40T	TAIWAN	RM-Y165	SCC-S16A-A
KV-34SL40C	E	RM-Y165	SCC-S09A-A
KV-34SL40	E	RM-Y165	SCC-S09B-A
KV-34SL45	E	RM-Y167	SCC-S09C-A
KV-35S40	US	RM-Y165	SCC-S07D-A
KV-35\$40	CND	RM-Y165	SCC-S08E-A
KV-35\$45	US	RM-Y167	SCC-S07E-A
KV-35\$45	CND	RM-Y167	SCC-S08F-A
KV-37SL45	E	RM-Y167	SCC-S09F-A
KV-32V40	US	RM-Y165	SCC-S07C-A
KV-32V40	CND	RM-Y165	SCC-S08C-A
KV-32V65	US	RM-Y167	SCC-S07P-A
KV-32V65	CND	RM-Y167	SCC-S08D-A
KV-34VL65	E	RM-Y167	SCC-S09E-A
KV-34VL65C	E	RM-Y167	SCC-S09D-A
KV-35V65	US	RM-Y167	SCC-S07Q-A
KV-35V65	CND	RM-Y167	SCC-S08G-A
KV-37VL65	E	RM-Y167	SCC-S09G-A
KV-37VL65C	E	RM-Y167	SCC-S09H-A

SUPPLEMENT-1

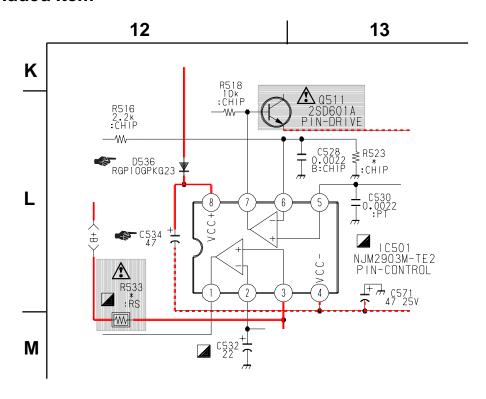
SUBJECT: A Board Schematic and Parts List

Correct the service manual as shown. File this Supplement with the service manual.



Section 6: A Board Schematic Diagram (S series) (Page 40) A Board Schematic Diagram (V series) (Page 44)

: Added Item



Old	New	
Ref.No. Part No. Description	Ref.No. Part No.	Description
C534 Not Listed> Needs to be added	C534 1-126-967-11	ELECT 47μF 20% 50V
D536 Not Listed> Needs to be added	D536 8-719-302-43	DIODE ELIZ