

TEAC

SERVICE MANUAL

14" COLOUR TELEVISION

MODEL: CT-M3413

SKYWORTH ELECTRONICS CO., LTD

CTV-8148GT

CTV-8208GT

(CT-M)413

SAFETY TEST AND ALIGNMENT INSTRUCTION

FOR : PAL/BG (SUS CONTROL CPU) W/21 PINS SOCKET/TELETEXT

PREPARED BY

APPROVED BY

DATE

REVISION DATE :

*Amstam 12/8/94
T. C. C.
12 SEP 1994*

X-RAY RADIATION PRECAUTION

- 1) Excessive high voltage can produce potentially hazardous X-Ray Radiation. To avoid such hazards, the high voltage must not be above the specified limit. The normal value of the high voltage of this receiver is 26KV at zero beam current (minimum brightness) under 220V AC power source. The high voltage must not, under any circumstances, exceed 28KV.
- 2) Each time a receiver requires servicing, the high voltage should be checked following the High Voltage Check procedure in this manual. It is recommended the reading of the high voltage be recorded as a part of the service record. It is important to use an accurate and reliable high voltage meter.
- 3) The primary source of X-Ray Radiation in this TV Receiver is the picture tube. For continued X-Ray Radiation protection, the replacement tube must be exactly the same type tube as specified in the parts list.
- 4) Some parts in this receiver have special safety - related characteristics for X-Ray Radiation protection. For continued safety, parts replacement should be undertaken only after referring to the Product Safety Notice.

SAFETY PRECAUTION

Warning : Service should not be attempted by anyone unfamiliar with the necessary precautions on this receiver.

The following are the necessary precautions to be observed before servicing this chassis.

- 1) Since the power supply circuit of this receiver is directly connected to the AC power line, an isolation transformer should be used during any dynamic service to avoid possible shock hazard.
-) Always discharge the picture tube anode to the CRT conductive coating before handling the picture tube. The picture tube is highly evacuated and if broken, glass fragments will be violently expelled. Use shatter proof goggles and keep picture tube away from the unprotected body while handling.
- 3) When replacing a chassis in the cabinet always be certain that all the protective devices are put back in place, such as : non-metallic control knobs, insulating covers, shields, isolation resistor-capacitor network etc.
- 4) When replacing parts or circuit boards, disconnect the power cord.
- 5) When replacing a high wattage resistor (Metal oxide film resistor) on circuit board, keep the resistor 10mm (1/2 in.) away from circuit board.
- 6) Connection wires must be kept away from components with high voltage or high temperature.
- 7) If any fuse in this TV receiver is blown, replace it with the FUSE specified in the chassis parts list.
- 8) The receiver is designed to operate with 220V (50Hz) AC mains.

PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the X-Ray Radiation protection afforded by them cannot necessarily be obtained by using replacement components rated for high wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual and its supplements, electrical components having such features are shaded on the schematic diagram and the part list.

Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create shock, fire, X-Ray Radiation or other hazards.

GENERAL ADJUSTMENT INSTRUCTION

This receiver is transistorized and special care should be taken when servicing. Read the following matters that demand special attention before attempting adjustment.

- 1) Adjustment requires an exact procedure and should be undertaken only when necessary.
- 2) An isolation transformer should be used during any dynamic service to avoid possible shock hazard.
- 3) The test equipment specified or its equivalent is required to perform the alignment properly. Use of equipment which does not meet these requirements may result in improper alignment.
- 4) Correct matching of the equipment is essential. Failure to use proper matching will result in responses which can not represent the true operation of the receiver.
- 5) The AC power line voltage should be kept 215 to 235 volts 50Hz during alignment.
- 6) Do not attempt to connect or disconnect any wire while the receiver is in operation. Make sure the power cord is disconnected before replacing parts in the receiver.
- 7) Unless otherwise noted, do not perform any adjustment until the receiver has been turned on for at least 10 minutes.

ALIGNMENT INSTRUCTION

A. PLEASE READ BEFORE ATTEMPTING SERVICE

- 1) Do not connect any antenna plug directly to the tuner socket and do not connect any equipments directly to the TV chassis, otherwise it may be burnt out the TV or equipment, except an isolation transformer is used for main power source of the TV sets.
- 2) Never disconnect any leads while receiver is in operation.
- 3) Disconnect all power before attempting any repairs.
- 4) Do not short any portion of the circuit while power is on.
- 5) For safety reasons, all parts replaced should be identical. (for parts and part numbers see parts list).
- 6) Before alignment the set must be pre-heated for 30 minutes or more and erase magnetism thoroughly from CRT front chassis frame by erase coil.

B. TEST EQUIPMENT

- 1) VIF Sweep Generator
- 2) AM/FM Signal Generator
- 3) DC Power Supply (16V)
- 4) Oscilloscope
- 5) Volt meter
- 6) High Voltage Meter
- 7) Demagnetizing Coil
- 8) Philips Pattern Generator
- 9) Audio Generator

C. VIF ALIGNMENT

I. 30.9MHz AND 40.4MHz TRAPS ALIGNMENT

- 1) Connect signal output of sweep/market generator to the PIF output of tuner through 1000pf capacitor.
- 2) Signal output set to 100dB.
- 3) Connect the oscilloscope as shown in Fig 1(A).
- 4) Apply a +16v DC to C241 (Main P.C.B.).
- 5) Turn L117 for 40.4 MHz as shown in Fig 1(B).

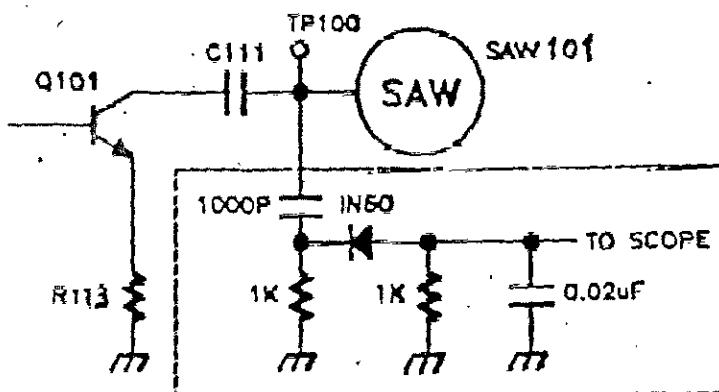


Fig.1A

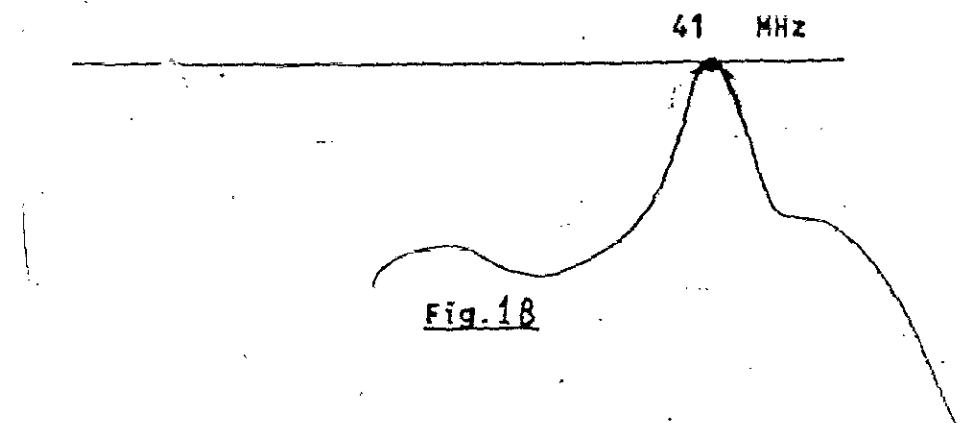
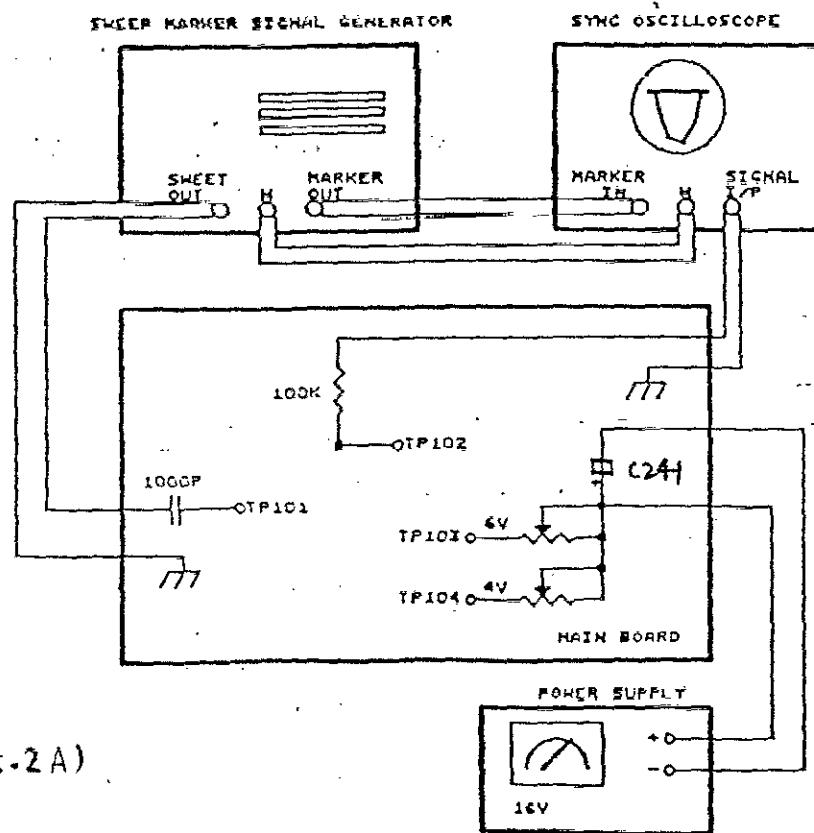


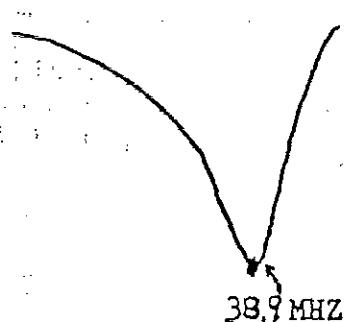
Fig.1B

D. PICTURE I. F. ALIGNMENT

- 1) Set sweep generator marker to 31.9MHz, 33.4MHz, 34.47MHz, 37.9MHz, 38.9MHz, 40.4MHz.
- 2) Connect the signal output of Sweep/Marker Generator to the TP101 (Pin 7 of IC101) through 1000PF capacitor.
- 3) Connect the vertical input terminal of Sync Oscilloscope in series with a 100K Ohm resistor to TP102 (Pin 22 of IC101).
- 4) Apply a +16V DC across C241.
- 5) Apply a +6V DC dummy AGC bias to TP103.
- 6) Pin 23 of IC101 short to ground.
- 7) Adjust L108 to obtain maximum amplitude of response at 38.9MHz as shown in Fig 2B.



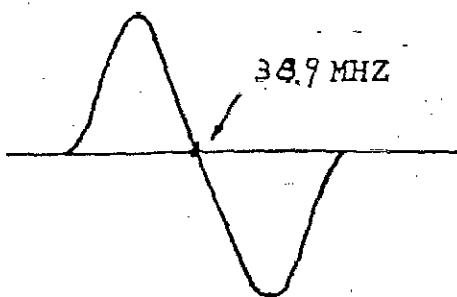
(Fig.2A)



(FIG. 2B)

E. AFC ALIGNMENT

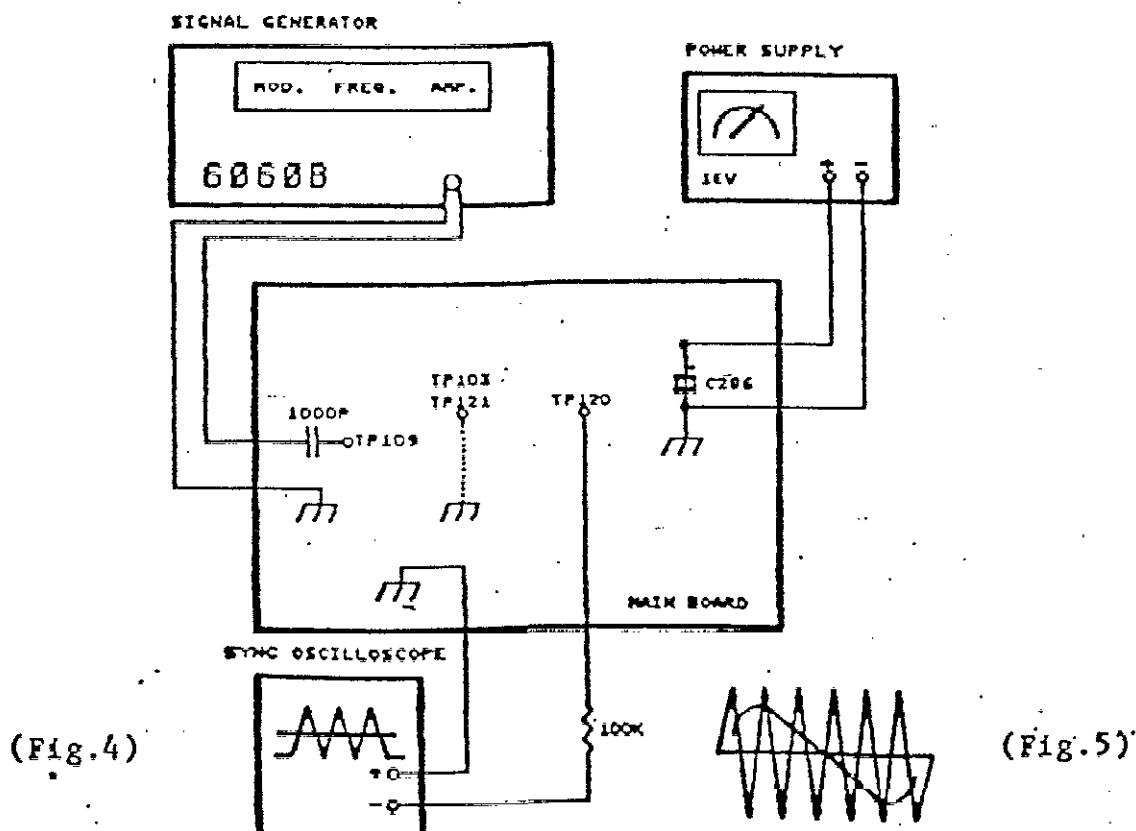
- 1) Connect input same as PIF Pin 23 of IC101 short to ground and reconnect the vertical input of the Oscilloscope to TP101 (Q102 "B") and between 1K Ohm resistor to ground. Apply a +6V DC dummy AGC BIAS to TP103.
- 2) Set the Oscilloscope maximum.
- 3) Adjust L107 for waveform as shown in Fig 3.



(FIG. 3)

F. SIF ALIGNMENT

- 1) Set FM signal generator to 5.5MHz with AF 400Hz, 25KHz FM modulation output level 90-120dB. Apply this signal to TP108 through a 1000PF capacitor.
- 2) Short AGC TP103 to ground.
- 3) Add a resistor 10K ohm from 12V to Pin 1 of IC102.
- 4) Short "Base" of Q004 to ground.
- 5) Connect the Oscilloscope input in series with a 100K Ohm resistor to TP120 (Pin 20 of IC102).
- 6) Apply a +16V DC across C241 as shown in Fig 4;
- 7) Adjust L111 to obtain a maximum amplitude signal output with minimum distortion.



- P.10 -

(Fig.5)

G. SOUND TRAP ALIGNMENT

- 1) Receive a Pattern and set sound modulation to 5.5MHz (BG signal).
- 2) Connect Oscilloscope to TP102 (Pin 22 of IC101).
- 3) Adjust L106 to minimum Y signal line and maximum chroma signal.

GENERAL ADJUSTMENT

AUTOMATIC DEGAUSSING

- 1) An automatic degaussing coil is attached around the picture tube, degaussing the tube properly in about one second after the set is switched on. If the receiver is moved or faced in a different direction, the power must be switched off at least 15 minutes in order that the automatic degaussing circuit operates properly. External degaussing is necessary if the automatic degaussing proves ineffective after the set is moved. External degaussing is done by moving a degaussing coil clockwise in front of the face plate and then moving it away step by step until it is about two meters from the screen, then switch off the degaussing coil. If residual color spots are still found on the screen, adjust the color purity and convergence.

B + ADJUSTMENT

CAUTION : To avoid X-Ray hazards, B + voltage must be set correctly at 110V position.

- 1) Make sure the AC Power Supply is 220V, 50Hz.
- 2) Switch on the TV receiver, tune in an active channel and adjust brightness/contrast for maximum.
- 3) Adjust VR601 check the B+ voltage, 110V AT C315 with a reliable DC voltmeter.

HIGH VOLTAGE CHECK

CAUTION : There is no high voltage adjustment in this chassis, B+ voltage directly relates to the high voltage, it must be properly adjusted to insure the correct high voltage. The high voltage must not exceed 28KV under any conditions.

- 1) Connect an accurate high voltage meter to the second anode cap of the picture tube.
- 2) Turn on the receiver, set brightness and contrast controls to minimum. (Zerobeam current)
- 3) Make sure the high voltage does not exceed 28KV.
- 4) No matter whether the luminance, contrast and chrominance controls are set to maximum or minimum, the high voltage must be kept under 28KV.

HEIGHT ADJUSTMENT

- 1) Receive the Philips Pattern signal.
- 2) Adjust the height control (VR301) to slightly overscan the screen.

FOCUSING ADJUSTMENT

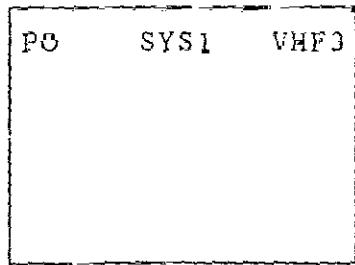
- 1) Receive the Philips Pattern signal.
- 2) Set the contrast control the the normal position.
- 3) Adjust focus control for a well-defined, sharpest display in the middle between center and side edge of the screen.

HORIZONTAL POSITION ADJUSTMENT

- 1) Receive the Philips Pattern signal.
- 2) Adjust VR202 to change the horizontal position of the pattern for center.

ON-SCREEN POSITION ADJUSTMENT

- 1) Receive the Philips Pattern signal.
- 2) By pressing the RECALL button of the handset.
- 3) Adjust on screen (L001) for adjust the lettering to center of CRT as shown in Fig. 7.

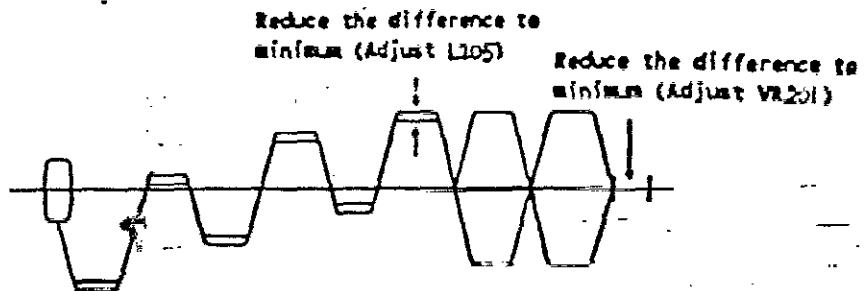


(FIG. 7)

GENERAL ADJUSTMENT

A. PAL COLOUR DEMODULATOR ADJUSTMENT

- 1) Receive Philips Pattern.
- 2) Set CONTRAST control to minimum position.
- 3) Set COLOUR control to maximum position.
- 4) Connect Oscilloscope to TP201 (B-out).
- 5) Adjust VR201 to obtain the waveform as shown in Fig 7.
- 6) Adjust L205 to obtain the waveform as shown in Fig 7.



(FIG. 7)

B. TELETEXT CONTRAST ADJUSTMENT

- 1) Receive a Pattern with Teletext signal.
- 2) Connect Oscilloscope to Pin 16 of IC701.
- 3) Select a Teletext page.
- 4) Adjust VR701 to obtain 3VP-P as shown in Fig 8.

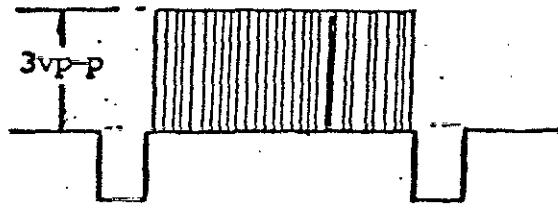


FIG 8

C. WHITE BALANCE ADJUSTMENT

- 1) Receive the monoscope pattern.
- 2) Set the R.G.B. cut off controls (VR503, VR504, VR505) and the G.B. drive controls (VR501, VR502) at center position.
- 3) Rotate the screen control (on the FBT) fully counter clockwise.
(minimum position)
- 4) Set the service switch (SW201) to 'Service' position.
- 5) Rotate the screen control gradually clockwise until the first horizontal line appears on the screen.
- 6) If the first horizontal line is in blue, adjust VR503, VR504 to increase the red and green component level to get a white horizontal line.
- 7) Reset the service switch (SW201) to 'Normal' position.
Set color to minimum.
Set brightness control to middle position.
Set contrast control to middle position.
- 8) Adjust drive controls (VR501, VR502) to maintain a good white balance at the brightest part of the screen.
- 9) Use white balance checker to fine adjust (VR503, VR504, VR505) at 25% brightness level and (VR501, VR502) at 75% brightness level.

D. SUB-BRIGHTNESS ADJUSTMENT

- 1) Receive the philips pattern signal.
- 2) Set the contrast, brightness and colour controls to minimum position.
- 3) Adjust sub-brightness (VR204) until light just appears on the screen.

E. DELAY AGC ADJUSTMENT

- 1) Receive the signal of VHF High Channel.
- 2) Set input signal level at 60 +/-3dB.
- 3) ADjust AGC (VR101) control to point where noise is disappeared.
- 4) Increase input signal level to 100dB.
- 5) Check for normal picture, sound an sync.

COLOR PURITY AND CONVERGENCE ADJUSTMENT

A. COLOR PURITY ADJUSTMENT

NOTE : Before attempting any purity adjustments, the receiver should be operated for at least fifteen minutes.

- 1) Demagnetize the picture tube and cabinet using a degaussing coil.
- 2) Turn the contrast and brightness controls to maximum.
- 3) Adjust Red and Blue controls (VR503) and (VR505); to provide only a green raster. Advance the Green Bias Control (VR504) if necessary.
- 4) Loosen the clamp screw holding the yoke backward to provide vertical green belt (zone) in the picture screen.
- 5) Remove the Rubber Wedges.
- 6) Rotate and spread the tabs of the purity magnet as shown in Fig 13 around the neck of the picture tube until the green belt is in the center of the screen. At the same time, center the raster vertically.
- 7) Move the yoke slowly forward or backward until a uniform green screen is obtained. Tighten the clamp screw of the yoke temporarily.
- 8) Check the purity of the red and blue raster by adjusting the bias controls.
- 9) obtain a white raster, referring to white balance adjustment.
- 10) Proceed with convergence adjustment.

B. CONVERGENCE MAGNET ASSEMBLY POSITIONING

Convergence Magnet Assembly and Rubber Wedges need mechanical positioning as shown in Fig 11.

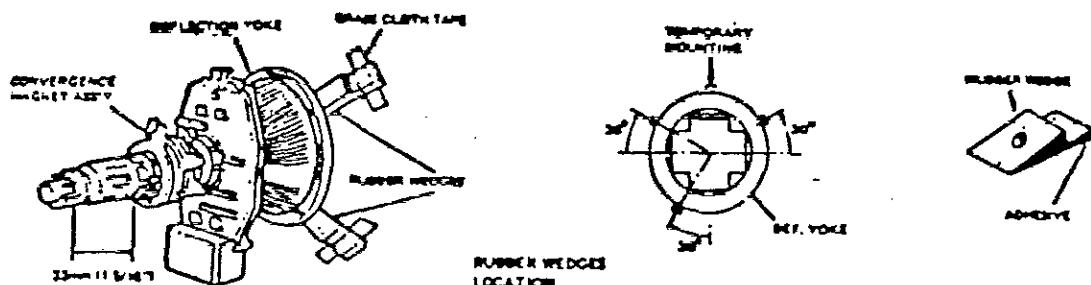


FIG. 11

C. CENTER CONVERGENCE ADJUSTMENT

NOTE : Before attempting any convergence adjustments, the receiver should be operated for at least fifteen minutes.

- 1) Receive crosshatch pattern with a color bar signal generator.
- 2) Adjust the brightness and contrast controls for well defined pattern.
- 3) Adjust two tabs of the 4 Pole Magnets to change the angle between them as shown in Fig 12 and superimpose red and blue vertical lines in the center area of the picture screen as shown in Fig 13.
- 4) Turn both tabs at the same time keeping the constant angle to superimpose red and blue horizontal lines at the center of screen as shown in Fig 13.
- 5) Adjust two tabs of 6 Pole Magnets to superimpose red/blue line with green one. Adjusting the angle affects the vertical lines and rotating both magnets affects the horizontal lines.
- 6) Repeat adjustment 3, 4, 5 keeping in mind red, green and blue movement, because 4 Pole Magnets and 6 Pole Magnets interact and make dot movement complex.

D. CIRCUMFERENCE CONVERGENCE ADJUSTMENT

NOTE : This adjustment requires Rubber Wedges and Glass Cloth Tapes.

- 1) Loosen the clamping screws of deflection yoke to allow the yoke to tilt.
- 2) Place a wedge . (Do not remove cover paper on adhesive part of the wedge).
- 3) Tilt front of the deflection yoke up or down to obtain better convergence in circumference as shown in Fig 13 Push the mounted wedge into the space between picture tube and the yoke to hold the yoke temporarily.
- 4) Place other wedge into bottom space and remove the cover part to stick.
- 5) Tilt front of the yoke right or left to obtain better convergence in circumference as shown in Fig 13.
- 6) Hold the yoke position and put another wedge in either upper space, remove cover paper and stick the wedge on picture tube to hold the yoke.
- 7) Detach the temporarily mounted wedge and put it in another upper space. Stick it on picture tube to fix the yoke.
- 8) After placing three wedges, recheck over all convergence. Tighten the screw firmly to hold the yoke tightly in place.
- 9) Stick 3 grass cloth tapes on wedges as shown in Fig 11.

PROGRAM ID : TVSTDGST

Print Date : 26/09/96

Page Number : 1

<< B.O.M. TV STANDARD PRICE LIST FOR CUSTOMER >> - CURRENCY (USD)

PRODUCT CODE : 92132T-050004-TV Model CT-M341X

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA,MONO 40P.

ASSEMBLY NUMBER DESCRIPTION

| | |
|------------------|--|
| 155-892005-00-01 | COMMON PART HANDSET ASS'Y (W/S.TXT) |
| 180-92132T-05-04 | NON-COM PART ASS'Y PAL/BG W/SCART/1P.TXT |
| 180-92132T-05-CP | COMMON PART ASS'Y (PAL/BG AUST W/SCART/ |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

| Print Date : 26/09/96 | PRODUCT CODE : 92132T-050004-TV | DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART | 1P.TXT GREY 240V SAA.MONO 40P. | | | | |
|--|---|---|--------------------------------|------|-------------------|------------|----------|
| Component Part | Description / Location | | Unit | Subs | Quantity Required | Unit Price | Amount |
| *** ASSEMBLY : 155-892005-00-01 COMMON PART HANDSET ASS'Y (W/S,TXT) | | | | | | | |
| 107-800455-46 | 455K HZ RESONATOR "WEI HAW" CF701 | | PC | 0 | 1.00000 | 0.1742 | 0.174200 |
| 113-101005-17 | CARBON FILM RESISTOR 100 OHM R704,706 | 1/16W +-5% | PC | 0 | 2.00000 | 0.0046 | 0.009200 |
| 113-102005-17 | CARBON FILM RESISTOR 1K OHM R705 | 1/16W +-5% | PC | 0 | 1.00000 | 0.0046 | 0.004600 |
| 113-103005-17 | CARBON FILM RESISTOR 10K OHM R702 | 1/16W +-5% | PC | 0 | 1.00000 | 0.0046 | 0.004600 |
| 113-109005-17 | CARBON FILM RESISTOR 1 OHM R709,710 | 1/16W +-5% | PC | 0 | 2.00000 | 0.0046 | 0.009200 |
| 113-473005-17 | CARBON FILM RESISTOR 47K OHM R703 | 1/16W +-5% | PC | 0 | 1.00000 | 0.0046 | 0.004600 |
| 113-682005-17 | CARBON FILM RESISTOR 6.8K OHM R701 | 1/16W +-5% | PC | 0 | 1.00000 | 0.0046 | 0.004600 |
| 127-476042-03 | ELECT. CAP. 47 MFD 16V +-20% C701 | | PC | 0 | 1.00000 | 0.0290 | 0.029000 |
| 130-600101-00 | INFRARED Emitter EL-1L1 LED701 | KODENSHI | PC | 0 | 1.00000 | 0.1065 | 0.106500 |
| 131-210719-29 | TRANSISTOR 2SA719R/S Q702 | MATSUSHITA | PC | 0 | 1.00000 | 0.0619 | 0.061900 |
| 131-230945-00 | TRANSISTOR 2SC945 NEC Q701 | | PC | 0 | 1.00000 | 0.0294 | 0.029400 |
| 133-803010-33 | I.C. SAA3010T PHILIPS IC701 | | PC | 0 | 1.00000 | 0.8239 | 0.823900 |
| 172-626006-42 | UL 1007 TOP COAT WIRE AWG 26 P.C.B. (+) TO BATTERY CONTACT PLATE (+) | 60MM RED 10 X 10 MM | PC | 0 | 1.00000 | 0.0021 | 0.002100 |
| 172-626008-40 | UL 1007 TOP COAT WIRE AWG 26 P.C.B. (-) TO BATTERY CONTACT PLATE (-) | 80MM BLACK 10 X 10 MM | PC | 0 | 1.00000 | 0.0026 | 0.002600 |
| 190-892002-00 | REMOTE P.C.B. (200791) | | PC | 0 | 1.00000 | 0.3813 | 0.381300 |
| 516-260408-10 | SELF-TAPPING SCREW 2.6 X 8 P/T(HARDEN) CAB. MTG. | | PC | 0 | 2.00000 | 0.0017 | 0.003400 |
| 773-036863-00 | BATTERY CONTACT PLATE (A) +VE | | PC | 0 | 1.00000 | 0.0366 | 0.036600 |
| 773-036864-00 | BATTERY CONTACT PLATE +VE | | PC | 0 | 1.00000 | 0.0174 | 0.017400 |
| 774-036862-00 | BATTERY CONTACT SPRING -VE | | PC | 0 | 1.00000 | 0.0261 | 0.026100 |
| 810-041104-13 | POLYBAG 4" X 11" X 0.04MM FOR HANDSET | W/RE-CYCLING MARK | PC | 0 | 1.00000 | 0.0071 | 0.007100 |
| 849-892002-00 | CONTACT RUBBER KEY PAD (34 KEYS) | | PC | 0 | 1.00000 | 0.5040 | 0.504000 |
| 892-892002-12 | DIAL KEY PLATE - TEAC DESIGN (RC-551) | | PC | 0 | 1.00000 | 0.1994 | 0.199400 |
| 900-892010-01 | HANDSET TOP CABINET - BLACK MOULDED | | PC | 0 | 1.00000 | 0.1951 | 0.195100 |
| 902-892010-01 | HANDSET BOTTOM CABINET - BLACKMOULDED | | PC | 0 | 1.00000 | 0.1665 | 0.166500 |
| 910-892001-01 | BATTERY DOOR | | PC | 0 | 1.00000 | 0.0461 | 0.046100 |
| 964-892001-00 | SENSOR LENS | | PC | 0 | 1.00000 | 0.0406 | 0.040600 |

ASSB PRICE : 2.890000

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 3

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA,MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|--|------------------------|------|------|-------------------|------------|-----------|
| *** ASSEMBLY : 180-92132T-05-04 NON-COM PART ASS'Y PAL/BG W/SCART/1P.TXT | | | | | | |
| 002-114022-40 14" CRT #37SX110Y22-DC05A S/H CAI HONG | | PC | 0 | 1.00000 | 75.0000 | 75.000000 |
| 003-131424-02 TUNER OSCAR UVE33-W24/R16-3649MITSUMI UV201 | | PC | 0 | 1.00000 | 10.0500 | 10.050000 |
| 107-105500-66 SOUND TRAP CERAMIC FILTER CF201 | 5.5MHZ WEI HAW | PC | 0 | 1.00000 | 0.1374 | 0.137400 |
| 107-305500-16 SOUND BYPASS CERAMIC FILTER CF204 | 5.5MHZ WEI HAW | PC | 0 | 1.00000 | 0.1399 | 0.139900 |
| 107-738916-00 SAW FILTER TSF-5316 SANYO SAW201 | | PC | 0 | 1.00000 | 1.1874 | 1.187400 |
| 113-104105-17 CARBON FILM RESISTOR 100K OHM 1/4W +-5% R155 | | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-221105-17 CARBON FILM RESISTOR 220 OHM 1/4W +-5% R104 | | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-223101-67 METAL FILM RESISTOR 22K OHM 1/4W +-1% R101 | | PC | 0 | 1.00000 | 0.0106 | 0.010600 |
| 162-110010-00 ANTENNA MATCHING TRANSFORMER (300 OHM TO 75 OHM) | | PC | 0 | 1.00000 | 0.1800 | 0.180000 |
| 171-550084-02 84" AC LINE CORD (END-CUT)SAA APPW/7.5A PLUG, | | PC | 0 | 1.00000 | 0.6194 | 0.619400 |
| 186-227503-14 BATTERY 3A PACKING IN GIFT BOX | | PC | 0 | 2.00000 | 0.0639 | 0.127800 |
| 191-400042-07 4 PINS SOCKET ASS'Y AWG 20 420MM | | PC | 0 | 1.00000 | 0.1731 | 0.173100 |
| 610-921301-57 GIFT BOX - TEAC DESIGN | | PC | 0 | 1.00000 | 2.1006 | 2.100600 |
| 663-230543-95 SERIAL NO.LABEL - OC:GT-543/95 1PC STUCK ON CTN.1PC STUCK ON RATING LABEL | | PC | 0 | 2.00000 | 0.0077 | 0.015400 |
| 669-881301-07 RATING LABEL - TEAC DESIGN 240V | | PC | 0 | 1.00000 | 0.0484 | 0.048400 |
| 670-921300-77 I/MANUAL - TEAC DESIGN (40 PROG.)MONO-CHIP | | PC | 0 | 1.00000 | 0.0774 | 0.077400 |
| 678-881303-06 TOTAL CARE STICKER - TEAC DESIGN (BLK & WHITE) | | PC | 0 | 1.00000 | 0.0194 | 0.019400 |
| 678-921301-13 SCREEN STICKER - TEAC DESIGN 678-922109-01 EASY TUNE CARD - TEAC DESIGN STCIK TOGETHER WITH SCREEN STICKER | | PC | 0 | 1.00000 | 0.4703 | 0.470300 |
| 690-922139-01 WARRANTY CARD- TEAC (A) DESIGN | | PC | 0 | 1.00000 | 0.0581 | 0.058100 |
| 693-921300-06 EAN CODE LABEL - 9313060006310 | | PC | 0 | 1.00000 | 0.0077 | 0.007700 |
| 703-921302-00 SPEAKER GRILLE - SHINY BLACK DOUBLE SIDE W/SPRAY {NEW} | | PC | 0 | 2.00000 | 0.2652 | 0.530400 |
| 782-721952-04 DOUBLE ROD ANTENNA 520MM | | PC | 0 | 1.00000 | 1.5290 | 1.529000 |
| 800-921301-00 POLYFOAM (1) | | PC | 0 | 1.00000 | 0.1897 | 0.189700 |
| 800-921302-00 POLYFOAM (2) | | PC | 0 | 1.00000 | 0.1897 | 0.189700 |
| 800-921303-00 POLYFOAM (3) | | PC | 0 | 1.00000 | 0.1703 | 0.170300 |
| 800-921304-00 POLYFOAM (4) | | PC | 0 | 1.00000 | 0.1703 | 0.170300 |
| 810-091504-13 POLYBAG 9" X 15" X 0.04MM W/ RE-CYCLING MARK FOR INSTRUCTION MANUAL | | PC | 0 | 1.00000 | 0.0165 | 0.016500 |
| 810-303004-14 POLYBAG 30"X30"X0.04MM W/PUNCHHOLE/RE-CYCLING MARK(P/O MAT.) FOR UNIT | | PC | 0 | 1.00000 | 0.1210 | 0.121000 |
| 884-921302-03 PRESET PLATE - BLACK W/L.GREY S.S. ENG STD (12 KEY HOLES) | | PC | 0 | 1.00000 | 0.0968 | 0.096800 |
| 884-921305-02 JACK COVER PLATE - TEAC DESIGN | | PC | 0 | 1.00000 | 0.0232 | 0.023200 |
| 887-921301-00 COVER PLATE | | PC | 0 | 1.00000 | 0.0232 | 0.023200 |
| 889-921302-00 V.HOLD COVER | | PC | 0 | 1.00000 | 0.0194 | 0.019400 |
| 889-922002-00 DOOR LOCKER COVER PLATE | | PC | 0 | 1.00000 | 0.0077 | 0.007700 |
| 900-921303-04 FRONT CABINET - GREY (426U) | | PC | 0 | 1.00000 | 2.9795 | 2.979500 |
| 902-921332-U1 BACK CAB - MOULDED BLACK (PAL) | | PC | 0 | 1.00000 | 2.9419 | 2.941900 |

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 4

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|-------------------|---|------|------|----------------------|---------------|-----------|
| 917-921301-08 | REMTOE LENS - TEAC DESIGN | PC | 0 | 1.00000 | 0.1529 | 0.152900 |
| 919-921302-43 | PRESET DOOR - TEAC (A) DESIGN W/CABLE READY WORDING | PC | 0 | 1.00000 | 0.1620 | 0.162000 |
| 939-922001-01 | FOOT ADAPTOR - BLACK MOULDED W/GOLD HOT-STAMP | PC | 0 | 2.00000 | 0.0606 | 0.121200 |
| 991-921302-01 | POWER KNOB - BLACK MOULDED W/FINE SAND TEXTURE | PC | 0 | 1.00000 | 0.0230 | 0.023000 |
| | | | | | ASSB PRICE : | 99.975600 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 5

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | | Unit | Subs | Quantity Required | Unit Price | Amount |
|--|--|----------------------------|------|------|-------------------|------------|----------|
| *** ASSEMBLY : 180-92132T-05-CP COMMON PART ASS'Y (PAL/BG AUST W/SCART/ | | | | | | | |
| 001-214189-05 | FLYBACK TRANSFORMER 154-189H | GOLDSTAR "FOR CAIHONG CRT" | PC | 0 | 1.00000 | 6.3750 | 6.375000 |
| | T402 | | | | | | |
| 008-550151-05 | DEGAUSSING COIL 40T | (W/FIVE LAYERS OF TAPE) | PC | 0 | 1.00000 | 0.8516 | 0.851600 |
| | L903 | | | | | | |
| 012-102330-06 | SEMI-FIXED RESISTOR EVND2AA | 03B13 1KB | PC | 0 | 2.00000 | 0.0571 | 0.114200 |
| | VR601,602 | | | | | | |
| 012-102340-06 | SEMI-FIXED RESISTOR EVND8AA | 03B13 1KB | PC | 0 | 2.00000 | 0.0484 | 0.096800 |
| | VR402,501 | | | | | | |
| 012-103340-06 | SEMI-FIXED RESISTOR EVND8AA | 03B14 10KB | PC | 0 | 1.00000 | 0.0484 | 0.048400 |
| | VR202 | | | | | | |
| 012-502330-06 | SEMI-FIXED RESISTOR EVND2AA | 03B53 5KB | PC | 0 | 3.00000 | 0.0571 | 0.171300 |
| | VR603,604,605 | | | | | | |
| 012-502340-06 | SEMI-FIXED RESISTOR EVND8AA | 03B53 5KB | PC | 0 | 1.00000 | 0.0484 | 0.048400 |
| | VR201 | | | | | | |
| 012-503340-06 | SEMI-FIXED RESISTOR EVND8AA | 03B54 50KB | PC | 0 | 1.00000 | 0.0484 | 0.048400 |
| | VR101 | | | | | | |
| 101-191009-96 | HORIZONTAL DRIVE TRANSFORMER | (R1009) | PC | 0 | 1.00000 | 0.2516 | 0.251600 |
| | T401 | | | | | | |
| 101-288820-95 | LINE FILTER 70MH | | PC | 0 | 1.00000 | 0.6871 | 0.687100 |
| | T501 | | | | | | |
| 101-414025-94 | SWITCHING POWER TRANSFORMER | (HL4025B) | PC | 0 | 1.00000 | 1.9355 | 1.935500 |
| | T502 | | | | | | |
| 102-370600-02 | TANK COIL / AFC COIL COILS | 707851 | PC | 0 | 1.00000 | 0.0890 | 0.089000 |
| | L204 | | | | | | |
| 105-100103-08 | FIXED INDUCTOR COIL 10 UH | +/-10% AXIAL | PC | 0 | 2.00000 | 0.0462 | 0.092400 |
| | L102,205 | | | | | | |
| 105-109103-08 | FIXED INDUCTIVE COIL 1.0UH | +/-10% (WITTIS) | PC | 0 | 2.00000 | 0.0462 | 0.092400 |
| | L201,202 | | | | | | |
| 105-181103-08 | FIXED INDUCTOR COIL 180 UH | +/-10% AXIAL | PC | 0 | 1.00000 | 0.0462 | 0.046200 |
| | L601 | | | | | | |
| 105-201106-02 | CHOKE COIL 200UH 10% CH9012- | 201K (ELEC PRODUCT) | PC | 0 | 1.00000 | 0.1695 | 0.169500 |
| | L502 | | | | | | |
| 105-399103-08 | FIXED INDUCTIVE COIL 3.9 UH | +/-10% (WITTIS) | PC | 0 | 1.00000 | 0.0462 | 0.046200 |
| | L901 | | | | | | |
| 105-650052-01 | LINEARITY COIL 34UH FOR 21" | CRT | PC | 0 | 1.00000 | 0.3450 | 0.345000 |
| | L401 | | | | | | |
| 105-689103-08 | FIXED INDUCTOR COIL 6.8 UH | +/-10% AXIAL | PC | 0 | 1.00000 | 0.0462 | 0.046200 |
| | L203 | | | | | | |
| 113-100105-17 | CARBON FILM RESISTOR 10 OHM | 1/4W +/-5% | PC | 0 | 1.00000 | 0.0033 | 0.003300 |
| | R209 | | | | | | |
| 113-101105-17 | CARBON FILM RESISTOR 100 OHM | 1/4W +/-5% | PC | 0 | 9.00000 | 0.0028 | 0.025200 |
| | R137,160,161,208,229,230,231,240,131 | | | | | | |
| 113-101105-17 | CARBON FILM RESISTOR 100 OHM | 1/4W +/-5% | PC | 0 | 4.00000 | 0.0028 | 0.011200 |
| | R911,147,148,903 | | | | | | |
| 113-102105-17 | CARBON FILM RESISTOR 1K OHM | 1/4W +/-5% | PC | 0 | 12.00000 | 0.0028 | 0.033600 |
| | R106,138,139,157,216,221,225,233,275,905,283,256 | | | | | | |
| 113-102105-17 | CARBON FILM RESISTOR 1K OHM | 1/4W +/-5% | PC | 0 | 5.00000 | 0.0028 | 0.014000 |
| | R207,254,255,281,W028 | | | | | | |

Print Date : 26/09/96 PRODUCT CODE : 92132T-050004-TV
 Page Number : 6 DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|---|------|------|-------------------|------------|----------|
| 113-102305-75 | METAL OXIDE FILM RESISTOR 1K OHM 1W +-5% R432 | PC | 0 | 1.00000 | 0.0188 | 0.018800 |
| 113-103101-67 | METAL FILM RESISTOR 10K OHM 1/4W +-1% R102 | PC | 0 | 1.00000 | 0.0106 | 0.010600 |
| 113-103105-17 | CARBON FILM RESISTOR 10K OHM 1/4W +-5% R103,105,140,201,415,113,123,249,914,627,165 | PC | 0 | 11.00000 | 0.0028 | 0.030800 |
| 113-103105-17 | CARBON FILM RESISTOR 10K OHM 1/4W +-5% R424,425,508,528,154,141,252,253 | PC | 0 | 8.00000 | 0.0028 | 0.022400 |
| 113-103205-12 | CARBON FILM RESISTOR 10K OHM 1/2 +-5% R411 | PC | 0 | 1.00000 | 0.0062 | 0.006200 |
| 113-103405-75 | METAL OXIDE FILM RESISTOR 10K OHM 2W +-5% RS26 | PC | 0 | 1.00000 | 0.0252 | 0.025200 |
| 113-104105-17 | CARBON FILM RESISTOR 100K OHM 1/4W +-5% R107,108,119,239,243,244,417 | PC | 0 | 7.00000 | 0.0028 | 0.019600 |
| 113-104205-12 | CARBON FILM RESISTOR 100K OHM 1/2W +-5% R521 | PC | 0 | 1.00000 | 0.0062 | 0.006200 |
| 113-104305-75 | METAL OXIDE FILM RESISTOR 100KOHM 1W +-5% RS31 | PC | 0 | 1.00000 | 0.0188 | 0.018800 |
| 113-105101-67 | METAL FILM RESISTOR 1M OHM 1/4W +-1% R246 | PC | 0 | 1.00000 | 0.0116 | 0.011600 |
| 113-120305-75 | METAL OXIDE FILM RESISTOR 12 OHM 1W +-5% RS12 | PC | 0 | 1.00000 | 0.0188 | 0.018800 |
| 113-120405-75 | METAL OXIDE FILM RESISTOR 12 OHM 2W +-5% RS19 | PC | 0 | 1.00000 | 0.0252 | 0.025200 |
| 113-121105-17 | CARBON FILM RESISTOR 120 OHM 1/4W +-5% R262 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-122105-17 | CARBON FILM RESISTOR 1.2K OHM 1/4W +-5% R206,248,617,162 | PC | 0 | 4.00000 | 0.0028 | 0.011200 |
| 113-123105-17 | CARBON FILM RESISTOR 12K OHM 1/4W +-5% R210,251 | PC | 0 | 2.00000 | 0.0028 | 0.005600 |
| 113-151105-17 | CARBON FILM RESISTOR 150 OHM 1/4W +-5% R223 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-151205-12 | CARBON FILM RESISTOR 150 OHM 1/2W +-5% R421 | PC | 0 | 1.00000 | 0.0052 | 0.005200 |
| 113-152105-17 | CARBON FILM RESISTOR 1.5K OHM 1/4W +-5% R622,621,250 | PC | 0 | 3.00000 | 0.0028 | 0.008400 |
| 113-152205-12 | CARBON FILM RESISTOR 1K5 OHM 1/2W +-5% R610,611,612,420 | PC | 0 | 4.00000 | 0.0062 | 0.024800 |
| 113-153105-17 | CARBON FILM RESISTOR 15K OHM 1/4W +-5% R245,402 | PC | 0 | 2.00000 | 0.0028 | 0.005600 |
| 113-153405-75 | METAL OXIDE FILM RESISTOR 15K OHM 2W +-5% R604,605,606 | PC | 0 | 3.00000 | 0.0252 | 0.075600 |
| 113-159405-42 | NON-FLAMMABLE FUSE RESISTOR 1.5 OHM 2W +-5% R620 | PC | 0 | 1.00000 | 0.0735 | 0.073500 |
| 113-180105-17 | CARBON FILM RESISTOR 18 OHM 1/4 +- 5% R26A | PC | 0 | 1.00000 | 0.0029 | 0.002900 |
| 113-181105-17 | CARBON FILM RESISTOR 180 OHM 1/4W +-5% R222 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-182105-17 | CARBON FILM RESISTOR 1.8K OHM 1/4W +-5% RS06,602,274 | PC | 0 | 3.00000 | 0.0028 | 0.008400 |

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 7

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART

1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|---|------|------|-------------------|------------|----------|
| 113-183105-17 | CARBON FILM RESISTOR 18K OHM 1/4W +-5% R721,418 | PC | 0 | 2.00000 | 0.0028 | 0.005600 |
| 113-184105-17 | CARBON FILM RESISTOR 180K OHM 1/4W +-5% R120 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-184205-12 | CARBON FILM RESISTOR 180K OHM 1/2W +-5% R410 | PC | 0 | 1.00000 | 0.0062 | 0.006200 |
| 113-221105-17 | CARBON FILM RESISTOR 220 OHM 1/4W +-5% R142,238,213,908,909,910 | PC | 0 | 6.00000 | 0.0028 | 0.016800 |
| 113-221305-75 | METAL OXIDE FILM RESISTOR 220 OHM 1W +-5% R419 | PC | 0 | 1.00000 | 0.0188 | 0.018800 |
| 113-222105-17 | CARBON FILM RESISTOR 2.2K OHM 1/4W +-5% R130,224,151 | PC | 0 | 3.00000 | 0.0028 | 0.008400 |
| 113-222205-12 | CARBON FILM RESISTOR 2.2K OHM 1/2W +-5% R715 | PC | 0 | 1.00000 | 0.0062 | 0.006200 |
| 113-223101-67 | METAL FILM RESISTOR 22K OHM 1/4W +-1% R412,111 | PC | 0 | 2.00000 | 0.0106 | 0.021200 |
| 113-223105-17 | CARBON FILM RESISTOR 22K OHM 1/4W +-5% R109,110,114,143,144,146,158,124,150,525,722,713 | PC | 0 | 12.00000 | 0.0028 | 0.033600 |
| 113-223105-17 | CARBON FILM RESISTOR 22K OHM 1/4W +-5% R912,278 | PC | 0 | 2.00000 | 0.0028 | 0.005600 |
| 113-224105-17 | CARBON FILM RESISTOR 220K OHM 1/4W +-5% R719 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-229205-12 | CARBON FILM RESISTOR 2.2 OHM 1/2W +-5% R279 | PC | 0 | 1.00000 | 0.0062 | 0.006200 |
| 113-229305-75 | METAL OXIDE FILM RESISTOR 2.2 OHM 1W +-5% R426 | PC | 0 | 1.00000 | 0.0188 | 0.018800 |
| 113-229405-75 | METAL OXIDE FILM RESISTOR 2.2 OHM 2W +-5% R503,427 | PC | 0 | 2.00000 | 0.0252 | 0.050400 |
| 113-270405-75 | METAL OXIDE FILM RESISTOR 27 OHM 2W +-5% R513 | PC | 0 | 1.00000 | 0.0252 | 0.025200 |
| 113-271105-17 | CARBON FILM RESISTOR 270 OHM 1/4W +-5% R134,135,136 | PC | 0 | 3.00000 | 0.0028 | 0.008400 |
| 113-272105-17 | CARBON FILM RESISTOR 2.7K OHM 1/4W +-5% R618,613,614,615,61 | PC | 0 | 5.00000 | 0.0028 | 0.014000 |
| 113-272205-12 | CARBON FILM RESISTOR 2.7K OHM 1/2W +-5% R403,520 | PC | 0 | 2.00000 | 0.0062 | 0.012400 |
| 113-273105-17 | CARBON FILM RESISTOR 27K OHM 1/4W +-5% R211,241,902 | PC | 0 | 3.00000 | 0.0028 | 0.008400 |
| 113-331105-17 | CARBON FILM RESISTOR 330 OHM 1/4W +-5% R509 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-332101-67 | METAL FILM RESISTOR 3.3K OHM 1/4W +-1% R266 | PC | 0 | 1.00000 | 0.0106 | 0.010600 |
| 113-332102-17 | CARBON FILM RESISTOR 3.3K OHM 1/4W +-2% R505 | PC | 0 | 1.00000 | 0.0045 | 0.004500 |
| 113-332105-17 | CARBON FILM RESISTOR 3.3K OHM 1/4W +-5% R152,153,235,269,901 | PC | 0 | 5.00000 | 0.0028 | 0.014000 |
| 113-332605-75 | METAL OXIDE FILM RESISTOR 3K3 OHM 5W +-5% R406 | PC | 0 | 1.00000 | 0.1026 | 0.102600 |
| 113-333105-17 | CARBON FILM RESISTOR 33K OHM 1/4W +-5% R416 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |

Print Date : 26/09/96 PRODUCT CODE : 92132T-050004-TV
 Page Number : 8 DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|------|------|-------------------|------------|----------|
| 113-334305-75 | METAL OXIDE FILM RESISTOR 330KOHM 1W +-5% R514,404 | PC | 0 | 2.00000 | 0.0188 | 0.037600 |
| 113-338405-75 | METAL OXIDE FILM RESISTOR 0.330HM 2W +-5% R516 | PC | 0 | 1.00000 | 0.0252 | 0.025200 |
| 113-339105-17 | CARBCN FILM RESISTOR 3.3 OHM 1/4W +- 5% R720 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-339405-42 | NON-FLAMMABLE FUSE RESISTOR 3.3 OHM 2W +-5% R716 | PC | 0 | 1.00000 | 0.0252 | 0.025200 |
| 113-390605-75 | METAL OXIDE FILM RESISTOR 39 OHM 5W +-5% R517 | PC | 0 | 1.00000 | 0.1026 | 0.102600 |
| 113-391105-17 | CARBON FILM RESISTOR 390 OHM 1/4W +-5% R607,608,609,112 | PC | 0 | 4.00000 | 0.0028 | 0.011200 |
| 113-391305-75 | METAL OXIDE FILM RESISTOR 390 1W +-5% R270 | PC | 0 | 1.00000 | 0.0203 | 0.020300 |
| 113-392105-17 | CARBON FILM RESISTOR 3.9K OHM 1/4W +-5% R414 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-393105-17 | CARBON FILM RESISTOR 39K OHM 1/4W +-5% R232 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-470105-17 | CARBON FILM RESISTOR 47 OHM 1/4W +-5% R220,204 | PC | 0 | 2.00000 | 0.0028 | 0.005600 |
| 113-470205-12 | CARBON FILM RESISTOR 47 OHM 1/2W +-5% R405 | PC | 0 | 1.00000 | 0.0058 | 0.005800 |
| 113-470405-75 | METAL OXIDE FILM RESISTOR 47 OHM 2W +-5% R530 | PC | 0 | 1.00000 | 0.0252 | 0.025200 |
| 113-471105-17 | CARBON FILM RESISTOR 470 OHM 1/4W +-5% R601 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-472105-17 | CARBON FILM RESISTOR 4.7K OHM 1/4W +-5% R228,205,267,247,422,511,906,907,115 | PC | 0 | 9.00000 | 0.0028 | 0.025200 |
| 113-473105-17 | CARBON FILM RESISTOR 47K OHM 1/4W +-5% R202,203,159,149,277,626 | PC | 0 | 6.00000 | 0.0028 | 0.016800 |
| 113-479605-51 | WIRE WOUND CEMENT RES. 4.7 OHMSW +-5% R502 | PC | 0 | 1.00000 | 0.1355 | 0.135500 |
| 113-512105-17 | CARBON FILM RESISTOR 5.1K OHM 1/4W +-5% R276 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-560105-17 | CARBON FILM RESISTOR 56 OHM 1/4W +-5% R260 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-561105-17 | CARBON FILM RESISTOR 560 OHM 1/4W +-5% R298,299 | PC | 0 | 2.00000 | 0.0028 | 0.005600 |
| 113-562105-17 | CARBON FILM RESISTOR 5.6K OHM 1/4W +-5% R723,724 | PC | 0 | 2.00000 | 0.0028 | 0.005600 |
| 113-565210-92 | CARBON COMPOSITION RESISTOR 5.6M OHM 1/2W +-10% R523,524 | PC | 0 | 2.00000 | 0.0639 | 0.127800 |
| 113-681105-17 | CARBON FILM RESISTOR 680 OHM 1/4W +-5% R156 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-682102-17 | CARBON FILM RESISTOR 6.8K OHM 1/4W +-2% RS04 | PC | 0 | 1.00000 | 0.0048 | 0.004800 |
| 113-682105-17 | CARBON FILM RESISTOR 6.8K OHM 1/4W +-5% RS10,227,280,712 | PC | 0 | 4.00000 | 0.0028 | 0.011200 |
| 113-683105-17 | CARBON FILM RESISTOR 68K OHM 1/4W +-5% R125 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 9

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|------|------|-------------------|------------|----------|
| 113-688205-42 | FUSING RESISTOR 0.68 OHM 1/2W +-5% R518 | PC | 0 | 1.00000 | 0.0435 | 0.043500 |
| 113-688305-42 | FUSING RESISTOR 0.68 OHM 1W +-5% R529,408,409 | PC | 0 | 3.00000 | 0.0552 | 0.165600 |
| 113-750105-17 | CARBON FILM RESISTOR 75 OHM 1/4W +-5% R257,258,259,261,226 | PC | 0 | 5.00000 | 0.0028 | 0.014000 |
| 113-821105-17 | CARBON FILM RESISTOR 820 OHM 1/4W +-5% R212 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-822105-17 | CARBON FILM RESISTOR 8.2K OHM 1/4W +-5% R507,273 | PC | 0 | 2.00000 | 0.0028 | 0.005600 |
| 113-823105-17 | CARBON FILM RESISTOR 82K OHM 1/4W +-5% R237 | PC | 0 | 1.00000 | 0.0028 | 0.002800 |
| 113-824105-17 | CARBON FILM RESISTOR 820K OHM 1/4W +-5% R242,264 | PC | 0 | 2.00000 | 0.0028 | 0.005600 |
| 114-210200-01 | THERMISTOR (NICHICON ZPB53 BL 200C) R501 | PC | 0 | 1.00000 | 0.4587 | 0.458700 |
| 123-100340-93 | CERAMIC CAP. 10 PF 50V +-5% (NPO) C902 | PC | 0 | 1.00000 | 0.0112 | 0.011200 |
| 123-101350-60 | CERAMIC CAP. 100 PF 50V +-10% (SL TYPE) C116,117,118,119,121 | PC | 0 | 5.00000 | 0.0108 | 0.054000 |
| 123-102350-90 | CERAMIC CAP. 0.001 MFD 50V +-10% (B TYPE) C207,215,210,235,236,417,401,904 | PC | 0 | 8.00000 | 0.0099 | 0.079200 |
| 123-102850-10 | CERAMIC CAP. 0.001 MFD 2KV +-10% MATSUSHITA C604 | PC | 0 | 1.00000 | 0.1103 | 0.110300 |
| 123-103370-90 | CERAMIC CAP. 0.01 MFD 50V +80 -20% C120,208,209,125,757 | PC | 0 | 5.00000 | 0.0112 | 0.056000 |
| 123-104270-90 | CERAMIC CAP. 0.1 MFD 25V +80 -20% C110,111,112,127,226,227,228,231,244,242,748 | PC | 0 | 11.00000 | 0.0395 | 0.434500 |
| 123-104270-90 | CERAMIC CAP. 0.1 MFD 25V +80 -20% C245,246,258,263,427,429,430,519,520,734,750 | PC | 0 | 11.00000 | 0.0395 | 0.434500 |
| 123-104270-90 | CERAMIC CAP. 0.1 MFD 25V +80 -20% C901,905,906,907,908,910 | PC | 0 | 6.00000 | 0.0395 | 0.237000 |
| 123-150340-93 | CERAMIC CAP. 15 PF 50V +-5% (NPO) C214,249,903 | PC | 0 | 3.00000 | 0.0112 | 0.033600 |
| 123-152850-10 | CERAMIC CAP. 0.0015 MFD 2KV +-10% MATSUSHITA C433 | PC | 0 | 1.00000 | 0.1374 | 0.137400 |
| 123-182850-10 | CERAMIC CAP. 0.0018 MFD 2KV +-10% MATSUSHITA C405 | PC | 0 | 1.00000 | 0.1258 | 0.125800 |
| 123-221350-60 | CERAMIC CAP. 220 PF 50V +-10% (SL TYPE) C601,602,603 | PC | 0 | 3.00000 | 0.0129 | 0.038700 |
| 123-221551-90 | CERAMIC CAP. 220 PF 500V +-10% MATSUSHITA C513 | PC | 0 | 1.00000 | 0.0377 | 0.037700 |
| 123-222350-90 | CERAMIC CAP. 0.0022 MFD 50V +-10% (B TYPE) C128 | PC | 0 | 1.00000 | 0.0111 | 0.011100 |
| 123-222466-41 | CERAMIC CAP. 0.0022 MFD 400V +-20% ECK-DNS222MEX MATSUSHITA C512 | PC | 0 | 1.00000 | 0.1665 | 0.166500 |
| 123-222466-41 | CERAMIC CAP. 0.0022 MFD 400V +-20% ECK-DNS222MEX MATSUSHITA C523 | PC | 0 | 1.00000 | 0.1665 | 0.166500 |
| 123-223370-90 | CERAMIC CAP. 0.022 MFD 50V +80-20% C211,261,234,237,250,256,232,243 | PC | 0 | 8.00000 | 0.0120 | 0.096000 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 10

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|--|------|------|-------------------|------------|----------|
| 123-270340-93 | CERAMIC CAP. 27PF 50V +-5% (NPO) C122,123 | | PC | 0 | 2.00000 | 0.0112 | 0.022400 |
| 123-470340-93 | CERAMIC CAP. 47 PF 50V +-5% (NPO) C217 | | PC | 0 | 1.00000 | 0.0117 | 0.011700 |
| 123-471350-60 | CERAMIC CAP. 470 PF 50V +-10% (SL TYPE) C758,759 | | PC | 0 | 2.00000 | 0.0169 | 0.033800 |
| 123-472550-90 | CERAMIC CAP. 0.0047 MFD 500V +-10% (B TYPE) C410,411,515 | | PC | 0 | 3.00000 | 0.1200 | 0.360000 |
| 123-472552-90 | CERAMIC CAP. 0.0047 MFD 500V +-10% (B TYPE) SMALL SIZE C503,504,505 | | PC | 0 | 3.00000 | 0.0555 | 0.166500 |
| 123-681350-90 | CERAMIC CAP. 680 PF 50V +-10% (B TYPE) C423 | | PC | 0 | 1.00000 | 0.0099 | 0.009900 |
| 123-821850-10 | CERAMIC CAP. 820 PF 2KV +-10% (SL TYPE) MATSUSHITA CS16 | | PC | 0 | 1.00000 | 0.0948 | 0.094800 |
| 126-104071-01 | MYLAR CAP. 0.1 MFD 50V +-10% C218,416,510,101,255,FOR BY VERT | | PC | 0 | 6.00000 | 0.0292 | 0.175200 |
| 126-104101-31 | POLYPROPYLENE CAP. 0.1 MFD 100V +-10% C412 | | PC | 0 | 1.00000 | 0.1109 | 0.110900 |
| 126-222071-01 | MYLAR CAP. 0.0022 MFD 50V +-10% C114,754,251 | | PC | 0 | 3.00000 | 0.0126 | 0.037800 |
| 126-222161-41 | METALIZED POLYPROPYLENE CAP. 0.0022 MFD 1600V +-10% C402,511 | | PC | 0 | 2.00000 | 0.2285 | 0.457000 |
| 126-223071-01 | MYLAR CAP. 0.022 MFD 50V +-10% C220,909 | | PC | 0 | 2.00000 | 0.0163 | 0.032600 |
| 126-224071-01 | MYLAR CAP 0.22 MFD 50V +-10% C102,201,752,418 | | PC | 0 | 4.00000 | 0.0480 | 0.192000 |
| 126-333071-01 | MYLAR CAP. 0.033 MFD 50V +-10% CS07 | | PC | 0 | 1.00000 | 0.0174 | 0.017400 |
| 126-392071-01 | MYLAR CAP. 0.0039 MFD 50V +-10% C213 | | PC | 0 | 1.00000 | 0.0126 | 0.012600 |
| 126-472071-01 | MYLAR CAP. 0.0047 MFD 50V +-10% C247,253,254,736,421,422 | | PC | 0 | 6.00000 | 0.0126 | 0.075600 |
| 126-472160-41 | METALLIZED POLYPROPYLENE CAP. 0.0047 MFD 1600V +-5% C404 | | PC | 0 | 1.00000 | 0.2885 | 0.288500 |
| 126-473071-01 | MYLAR CAP. 0.047 MFD 50V +-10% C223,224 | | PC | 0 | 2.00000 | 0.0234 | 0.046800 |
| 126-473201-31 | POLYPROPYLENE CAP. 0.047 MFD 200V +-10% C403 | | PC | 0 | 1.00000 | 0.0801 | 0.080100 |
| 126-473211-41 | METALLIZED POLYPROPYLENE CAP 0.047 MFD 250V +-10% VDE CS02,501 | | PC | 0 | 2.00000 | 0.1350 | 0.270000 |
| 126-474071-01 | MYLAR CAP. 0.47 MFD 50V +-10% C222 | | PC | 0 | 1.00000 | 0.0757 | 0.075700 |
| 126-474201-31 | POLYPROPYLENE CAP 0.47 MFD 200V +-10% C413 | | PC | 0 | 1.00000 | 0.2639 | 0.263900 |
| 127-105071-05 | ELECT CAP. 1 MFD 50V +-10% (TIME CONSTANT) C419 | | PC | 0 | 1.00000 | 0.0590 | 0.059000 |
| 127-105072-03 | ELECT. CAP. 1 MFD 50V +-20% C202,203,204,225,230,252,749,426,518 | | PC | 0 | 9.00000 | 0.0203 | 0.182700 |
| 127-105132-03 | ELECT. CAP. 1 MFD 160V +-20% C414 | | PC | 0 | 1.00000 | 0.0494 | 0.049400 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 11

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|---|------|------|-------------------|------------|----------|
| 127-106042-03 | ELECT. CAP. 10 MFD 16V +-20% C104,105,273,219,229,260,124,264 | PC | 0 | 8.00000 | 0.0203 | 0.162400 |
| 127-106102-03 | ELECT CAP. 10MFD 100V +-20% NICHICON C509 | PC | 0 | 1.00000 | 0.0494 | 0.049400 |
| 127-106252-03 | ELECT. CAP. 10 MFD 250V +-20% C407 | PC | 0 | 1.00000 | 0.1394 | 0.139400 |
| 127-107042-03 | ELECT. CAP. 100 MFD 16V +-20% C431,432,521,428,605 | PC | 0 | 5.00000 | 0.0348 | 0.174000 |
| 127-107062-03 | ELECT. CAP. 100 MFD 35V +-20% C425 | PC | 0 | 1.00000 | 0.0523 | 0.052300 |
| 127-107132-03 | ELECT. CAP. 100 MFD 160V +-20%"NICHICON" C408,517 | PC | 0 | 2.00000 | 0.3329 | 0.665800 |
| 127-107402-03 | ELECT. CAP. 100 MFD 400V +-20% C506 | PC | 0 | 1.00000 | 1.0742 | 1.074200 |
| 127-108052-03 | ELECT. CAP. 1000 MFD 25V +-20% C406,733 | PC | 0 | 2.00000 | 0.1452 | 0.290400 |
| 127-225042-23 | ELECT. CAP. BIPOLEAR 2.2MFD 16V+-20% C216 | PC | 0 | 1.00000 | 0.0658 | 0.065800 |
| 127-225072-03 | ELECT. CAP 2.2 MFD 50V +-20% C205,126,259,262,257 | PC | 0 | 5.00000 | 0.0203 | 0.101500 |
| 127-226042-03 | ELECT. CAP. 22 MFD 16V +-20% C109,753 | PC | 0 | 2.00000 | 0.0203 | 0.040600 |
| 127-227042-03 | ELECT. CAP. 220 MFD 16V +-20% C221 | PC | 0 | 1.00000 | 0.0561 | 0.056100 |
| 127-227062-03 | ELECT. CAP. 220 MFD 35V +-20% C424,514 | PC | 0 | 2.00000 | 0.0716 | 0.143200 |
| 127-228052-03 | ELECT. CAP. 2200 MFD 25V +-20% C420 | PC | 0 | 1.00000 | 0.3213 | 0.321300 |
| 127-476042-03 | ELECT. CAP. 47 MFD 16V +-20% C206,233,265,266,267,212,911 | PC | 0 | 7.00000 | 0.0290 | 0.203000 |
| 127-476072-07 | ELECT.CAP. 47 MFD 50V +-20% NICHICON C508,745 | PC | 0 | 2.00000 | 0.0406 | 0.081200 |
| 127-477062-03 | ELECT CAP. 470 MFD 35V +-20% C434,751 | PC | 0 | 2.00000 | 0.1200 | 0.240000 |
| 130-134148-01 | SILICON DIODE IN4148 D101,102,105,111,112,113,116,208,210,408,217,114 | PC | 0 | 12.00000 | 0.0095 | 0.114000 |
| 130-134148-01 | SILICON DIODE IN4148 D103,117,118,119,209,605,606,607,121,129 | PC | 0 | 10.00000 | 0.0095 | 0.095000 |
| 130-310012-50 | DIODE BAX12A D407 | PC | 0 | 1.00000 | 0.0451 | 0.045100 |
| 130-310033-50 | DIODE BYD33D D403,404,405,510 | PC | 0 | 4.00000 | 0.0590 | 0.236000 |
| 130-310062-50 | DIODE BAW 62 D203,204,205,206,401,402 | PC | 0 | 6.00000 | 0.0095 | 0.057000 |
| 130-310095-50 | DIODE BYW95B D511 | PC | 0 | 1.00000 | 0.1738 | 0.173800 |
| 130-310133-50 | DIODE BYD33J D406,507,508,509 | PC | 0 | 4.00000 | 0.0726 | 0.290400 |
| 130-311441-64 | BRIDGE RECTIFIER 1J4B41 DS01 TOSHIBA | PC | 0 | 1.00000 | 0.3450 | 0.345000 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 12

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART

1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|------|------|-------------------|------------|----------|
| 130-410039-01 | ZENER DIODE 3.9V D211 | PC | 0 | 1.00000 | 0.0232 | 0.023200 |
| 130-410051-01 | ZENER DIODE 5.1V 1/2W +-5% D212 | PC | 0 | 1.00000 | 0.0232 | 0.023200 |
| 130-410075-01 | ZENER DIODE 7.5V 1/2W D213 | PC | 0 | 1.00000 | 0.0232 | 0.023200 |
| 130-410082-01 | ZENER DIODE 8.2V DS05 | PC | 0 | 1.00000 | 0.0232 | 0.023200 |
| 130-410120-02 | ZENER DIODE 12V HZ12A2 D608 | PC | 0 | 1.00000 | 0.0232 | 0.023200 |
| 130-410574-00 | ZENER DIODE UPC 574J NEC U502 | PC | 0 | 1.00000 | 0.1587 | 0.158700 |
| 130-411091-01 | ZENER DIODE 9.1V DS06 | PC | 0 | 1.00000 | 0.0232 | 0.023200 |
| 130-512044-00 | LED 3MM RED 204HDC FOR LED 601 | PC | 0 | 1.00000 | 0.0261 | 0.026100 |
| 131-111402-03 | TRANSISTOR ED1402C Q102,103,104,105,202,208,207,211,210,209,606 | PC | 0 | 11.00000 | 0.0339 | 0.372900 |
| 131-111602-03 | TRANSISTOR ED1602C (PHILIPS) Q106,107,108 | PC | 0 | 3.00000 | 0.0335 | 0.100500 |
| 131-170547-02 | TRANSISTOR BC 547B PHILIPS Q501,503 | PC | 0 | 2.00000 | 0.0315 | 0.063000 |
| 131-170548-02 | TRANSISTOR BC 548B PHILIPS, Q204,205,901 | PC | 0 | 3.00000 | 0.0285 | 0.085500 |
| 131-170557-02 | TRANSISTOR BC 557B PHILIPS Q502 | PC | 0 | 1.00000 | 0.0315 | 0.031500 |
| 131-170558-02 | TRANSISTOR BC 558B PHILIPS Q604 | PC | 0 | 1.00000 | 0.0285 | 0.028500 |
| 131-190370-00 | TRANSISTOR BF 370 PHILIPS. Q201 | PC | 0 | 1.00000 | 0.0705 | 0.070500 |
| 131-190422-00 | TRANSISTOR BF422 PHILIPS Q601,602,603 | PC | 0 | 3.00000 | 0.0720 | 0.216000 |
| 131-202508-62 | TRANSISTOR BU 2508 DF PHILIPS Q402 | PC | 0 | 1.00000 | 0.9290 | 0.929000 |
| 131-232482-00 | TRANSISTOR 2SC2482 TOSHIBA Q401 | PC | 0 | 1.00000 | 0.0930 | 0.093000 |
| 131-235287-01 | TRANSISTOR 2SC5287 SANKEN Q504 | PC | 0 | 1.00000 | 0.7839 | 0.783900 |
| 131-265401-00 | TRANSISTOR 2N 5401 PHILIPS Q506 | PC | 0 | 1.00000 | 0.0501 | 0.050100 |
| 131-265551-00 | TRANSISTOR 2N 5551 PHILIPS Q505 | PC | 0 | 1.00000 | 0.0501 | 0.050100 |
| 131-370135-00 | TRANSISTOR BD 135 PHILIPS Q701 | PC | 0 | 1.00000 | 0.1223 | 0.122300 |
| 131-462369-00 | TRANSISTOR PH2369 PHILIPS Q101 | PC | 0 | 1.00000 | 0.0540 | 0.054000 |
| 131-480011-00 | TRANSISTOR BUT 11 PHILIPS Q507 | PC | 0 | 1.00000 | 0.4045 | 0.404500 |
| 133-100322-33 | PHILIPS IC PCA CTV322S U101 | PC | 0 | 1.00000 | 4.0448 | 4.044800 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/09/96 PRODUCT CODE : 92132T-050004-TV
 Page Number : 13 DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA,MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount | |
|----------------|---|-----------------------|------|-------------------|------------|----------|----------|
| 133-102411-31 | I.C. ST24C01B1 SGS U102 | PC | 0 | 1.00000 | 0.6300 | 0.630000 | |
| 133-104665-33 | I.C. TDA4665 (PHILIPS IC) U202 | PC | 0 | 1.00000 | 1.5290 | 1.529000 | |
| 133-115254-33 | I.C. SAAS254P/T PHILIPS U901 | PC | 0 | 1.00000 | 7.3568 | 7.356800 | |
| 133-118362-33 | I.C. TDA8362 N4S7 PHILIPS U201 | PC | 0 | 1.00000 | 6.5168 | 6.516800 | |
| 133-201013-33 | I.C. TDA1013B PHILIPS U705 | PC | 0 | 1.00000 | 0.6000 | 0.600000 | |
| 133-203653-33 | I.C. TDA3653B PHILIPS U401 | PC | 0 | 1.00000 | 0.5694 | 0.569400 | |
| 133-207805-31 | I.C. L7805CV SGS U501 | PC | 0 | 1.00000 | 0.2100 | 0.210000 | |
| 133-207808-31 | IC L7808C-V SGS-THOMSON U405 | PC | 0 | 1.00000 | 0.2100 | 0.210000 | |
| 133-207812-31 | IC L7812CV SGS-THOMSON U402 | PC | 0 | 1.00000 | 0.2100 | 0.210000 | |
| 133-304241-33 | I.C. PC74HCT241P PHILIPS U902 | PC | 0 | 1.00000 | 0.3147 | 0.314700 | |
| 133-404053-33 | I.C. HEF4053BP PHILIPS U204 | PC | 0 | 1.00000 | 0.2247 | 0.224700 | |
| 136-500001-00 | REMOTE RECEIVER (KODENSHI OPT601 | HC-SZ01) | PC | 0 | 1.00000 | 1.0645 | 1.064500 |
| 137-100000-31 | CRYSTAL 10 MHZ HOORAY X101 | | PC | 0 | 1.00000 | 0.3097 | 0.309700 |
| 137-270000-33 | CRYSTAL 27 MHZ 16PF "GIC" X901 | | PC | 0 | 1.00000 | 0.3290 | 0.329000 |
| 137-443618-20 | CRYSTAL 4.43 MHZ X201 | | PC | 0 | 1.00000 | 0.4645 | 0.464500 |
| 146-100006-14 | POWER SWITCH PS5E-B SW501 | "CHINA LANDMARK" | PC | 0 | 1.00000 | 1.0161 | 1.016100 |
| 146-104614-13 | TACT SWITCH #KSM-0614A S601,602,603,604,605,606,608,609,610,611,613,614 | "HOKURIKU" | PC | 0 | 12.00000 | 0.0677 | 0.812400 |
| 160-101001-08 | PIN CONNECTOR 1 PIN PLUG FOR CN601,501,502 | STRAIGHT | PC | 0 | 3.00000 | 0.0135 | 0.040500 |
| 160-102255-27 | PIN CONNECTOR 2 PINS PLUG CN702,101,701 | STRAIGHT (UL) (S.H.S) | PC | 0 | 3.00000 | 0.0135 | 0.040500 |
| 160-102805-08 | PIN CONNECTOR 2 PIN PLUG CN503 | STRAIGHT | PC | 0 | 1.00000 | 0.0271 | 0.027100 |
| 160-104255-27 | PIN CONNECTOR 4 PINS PLUG CN103 | (SHS) | PC | 0 | 1.00000 | 0.0271 | 0.027100 |
| 160-104805-08 | PIN CONNECTOR 4 PIN PLUG CN401 | STRAIGHT | PC | 0 | 1.00000 | 0.0515 | 0.051500 |
| 160-105255-27 | PIN CONNECTOR 5 PINS WAFER CN201 | 2.5 PITCH | PC | 0 | 1.00000 | 0.0339 | 0.033900 |
| 160-108255-27 | PIN CONNECTOR 8 PINS PLUG CN102 | | PC | 0 | 1.00000 | 0.0542 | 0.054200 |
| 161-540105-00 | CRT SOCKET ISL-01 IN CHANG SK601 | | PC | 0 | 1.00000 | 0.6194 | 0.619400 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 14

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART

1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|---|------|------|-------------------|------------|----------|
| 161-683702-22 | 21 PIN SOCKET SK201 | PC | 0 | 1.00000 | 0.2903 | 0.290300 |
| 166-182030-00 | SPEAKER 3" 8 OHM 2W | PC | 0 | 2.00000 | 0.5884 | 1.176800 |
| 172-620005-40 | UL 1007 TOP COAT WIRE AWG 20 50MM BLACK 5 X 5MM FROM U705 PIN '1' TO PIN '9' | PC | 0 | 1.00000 | 0.0036 | 0.003600 |
| 172-620012-40 | UL 1007 TOP COAT WIRE AWG 20 120MM BLACK 10 X 10 MM MAIN P.C.B. 'E1' TO 'E2' | PC | 0 | 1.00000 | 0.0078 | 0.007800 |
| 172-620036-40 | UL 1007 TOP COAT WIRE AWG 20 360MM BLACK 10 X 10MM CN402 '2' TO CRT P.C.B. 'GND' | PC | 0 | 1.00000 | 0.0222 | 0.022200 |
| 172-626008-40 | UL 1007 TOP COAT WIRE AWG 26 80MM BLACK 10 X 10 MM Q402 LUG TO PCB 'K', Q504 LUG TO PCB 'L' | PC | 0 | 3.00000 | 0.0026 | 0.007800 |
| 172-626008-40 | UL 1007 TOP COAT WIRE AWG 26 80MM BLACK 10 X 10 MM U401 LUG TO PCB 'M' | PC | 0 | 0.00000 | 0.0026 | 0.000000 |
| 172-626008-46 | UL 1007 TOP COAT WIRE AWG 26 80 MM BLUE 10 X 10 MM MAIN P.C.B. 'Q' TO 'Q' | PC | 0 | 1.00000 | 0.0026 | 0.002600 |
| 172-626018-42 | UL 1007 TOP COAT WIRE AWG 26 180MM RED 10 X 10 MM MAIN PCB 'W1' TO 'W2' | PC | 0 | 1.00000 | 0.0051 | 0.005100 |
| 172-626022-46 | UL 1007 TOP COAT WIRE AWG 26 220MM BLUE 10 X 10 MM MAIN PCB 'R2' TO 'R2' | PC | 0 | 1.00000 | 0.0061 | 0.006100 |
| 172-626026-42 | UL 1007 TOP COAT WIRE AWG 26 260MM RED MAIN PCB 'C1' TO 'C3' | PC | 0 | 1.00000 | 0.0071 | 0.007100 |
| 172-626030-42 | UL 1007 TOP COAT WIRE AWG 26 300MM RED MAIN P.C.B. 'O' TO 'O' | PC | 0 | 1.00000 | 0.0081 | 0.008100 |
| 172-626036-40 | UL1007 TOP COAT WIRE AWG26 360MM BLACK 10 X 10MM FROM U401 PIN 8 TO CRT PCB 'F' | PC | 0 | 1.00000 | 0.0096 | 0.009600 |
| 172-626036-43 | UL 1007 TOP COAT WIRE AWG 26 360MM ORANGE 10 X 10MM CN402 '1' TO CRT P.C.B. 'F,F,' | PC | 0 | 1.00000 | 0.0096 | 0.009600 |
| 172-626036-44 | UL 1007 TOP COAT WIRE AWG 26 360MM YELLOW 10 X 10MM CN402 '3' TO CRT P.C.B. '180V' | PC | 0 | 1.00000 | 0.0096 | 0.009600 |
| 172-726000-99 | BARE WIRE S4MM W001-8,015,017-021,027,030,032-040,042-046 | M | 0 | 4.10400 | 0.0093 | 0.038167 |
| 172-726000-99 | BARE WIRE S4MM W048-050,070-078,080,082-0,86,089,092-093,095,110 | M | 0 | 0.00000 | 0.0093 | 0.000000 |
| 172-726000-99 | BARE WIRE S4MM W096-097,099,103-104,601,067-068,053-055,057-061 | M | 0 | 0.00000 | 0.0093 | 0.000000 |
| 172-726000-99 | BARE WIRE S4MM W107,047,079,087,122,123 | M | 0 | 0.00000 | 0.0093 | 0.000000 |
| 172-830080-99 | FLAT BRAIDED WIRE 1200MM CRT GROUND | M | 0 | 0.80000 | 0.1374 | 0.109920 |
| 177-655263-05 | 5 PIN FLAT CABLE WIRE CN202 '1' TO CN203 '1',CN202 '2' TO CN203 '2' | PC | 0 | 1.00000 | 0.0629 | 0.062900 |
| 177-655263-05 | 5 PIN FLAT CABLE WIRE CN202 '3' TO CN203 '3',CN202 '4' TO CN203 '4' | PC | 0 | 0.00000 | 0.0629 | 0.000000 |
| 177-655263-05 | 5 PIN FLAT CABLE WIRE CN202 '5' TO CN203 '5' | PC | 0 | 0.00000 | 0.0629 | 0.000000 |
| 179-001010-00 | OIL SLEEVING 1 MM DIA. 20MM FOR R26A,20MM FOR DS11,20MM FOR BR501 | M | 0 | 0.12000 | 0.0001 | 0.000012 |
| 179-001010-00 | OIL SLEEVING 1 MM DIA. 20MM FOR RS16, 20MM FOR R406, 20MM FOR R411 | M | 0 | 0.00000 | 0.0001 | 0.000000 |

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 15

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA.MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|------|------|-------------------|------------|----------|
| 179-105000-00 | UL PVC TUBE SMM DIA L=80MM FOR AC LINE CORD | M | 0 | 0.08000 | 0.1877 | 0.015016 |
| 179-105026-00 | UL PVC TUBE 5 MM 260MM FOR SPEKAER 'L',400MM FOR SPEAKER 'R' | PC | 0 | 0.66000 | 0.1877 | 0.123882 |
| 179-110500-00 | UL PVC TUBE 11MM DIA, FOR AC LINE CORD | PC | 0 | 0.05000 | 0.5535 | 0.027675 |
| 182-222000-03 | FUSE T2A 250V FS01 | PC | 0 | 1.00000 | 0.0968 | 0.096800 |
| 190-921300-04 | POWER SWITCH P.C.B. (040592) FOR POWER SWITCH | PC | 0 | 1.00000 | 0.0658 | 0.065800 |
| 190-921303-06 | CHANNEL P.C.B. (280394) | PC | 0 | 1.00000 | 0.2497 | 0.249700 |
| 190-921310-P1 | MAIN P.C.B. (280596) | PC | 0 | 1.00000 | 2.3497 | 2.349700 |
| 190-931302-P0 | CRT P.C.B. (170496) | PC | 0 | 1.00000 | 0.2400 | 0.240000 |
| 191-100034-09 | 1 PIN SOCKET ASSM'Y L=220MM CRT GND TO CN601 | PC | 0 | 1.00000 | 0.0350 | 0.035000 |
| 191-101003-07 | 1 PIN SOCKET ASSM'Y BLUE L=320MM MAIN P.C.B. CN501 TO POWER SWITCH P.C.B. 'A' | PC | 0 | 1.00000 | 0.0599 | 0.059900 |
| 191-101004-07 | 1 PIN SOCKET ASSM'Y RED L=320MM MAIN P.C.B. CN502 TO POWER SWITCH P.C.B. 'B' | PC | 0 | 1.00000 | 0.0599 | 0.059900 |
| 191-200030-09 | 2 PIN SOCKET ASSM'Y L=300MM CN702 '1' TO SPK.L '+','2' TO SPK. L '-' | PC | 0 | 1.00000 | 0.0377 | 0.037700 |
| 191-200031-09 | 2 PIN SOCKET ASSM'Y L=80MM #FOR CN101 TO PW SW PCB# | PC | 0 | 1.00000 | 0.0292 | 0.029200 |
| 191-200044-09 | 2 PIN SOCKET ASSM'Y L=440MM CN701 '1' TO SPK R. '+','2' TO SPK R. '-' | PC | 0 | 1.00000 | 0.0432 | 0.043200 |
| 191-401001-07 | 4 PIN SOCKET ASSM'Y L=160MM CN103 '1' TO CH. P.C.B. 'F', '2' TO 'E' | PC | 0 | 1.00000 | 0.0650 | 0.065000 |
| 191-401001-07 | 4 PIN SOCKET ASSM'Y L=160MM CN103 '3' TO CH. P.C.B. 'D', '4' TO 'C' | PC | 0 | 0.00000 | 0.0650 | 0.000000 |
| 191-501002-07 | 5 PIN SOCKET ASSM'Y L=360MM CN201 '1' TO CRT PCB 'A' | PC | 0 | 1.00000 | 0.1002 | 0.100200 |
| 191-501002-07 | 5 PIN SOCKET ASSM'Y L=360MM CN201 '2' TO CRT PCB 'B' | PC | 0 | 0.00000 | 0.1002 | 0.000000 |
| 191-501002-07 | 5 PIN SOCKET ASSM'Y L=360MM CN201 '3' TO CRT PCB 'C' | PC | 0 | 0.00000 | 0.1002 | 0.000000 |
| 191-501002-07 | 5 PIN SOCKET ASSM'Y L=360MM CN201 '4' TO CRT PCB 'D' | PC | 0 | 0.00000 | 0.1002 | 0.000000 |
| 191-501002-07 | 5 PIN SOCKET ASSM'Y L=360MM CN201 '5' TO CRT PCB 'E' | PC | 0 | 0.00000 | 0.1002 | 0.000000 |
| 191-801003-07 | 8 PIN SOCKET ASSM'Y L=120MM CN102 '1' TO CH. P.C.B. 'N', '2' TO CH. P.C.B. 'M' | PC | 0 | 1.00000 | 0.1239 | 0.123900 |
| 191-801003-07 | 8 PIN SOCKET ASSM'Y L=120MM CN102 '3' TO CH. P.C.B. 'L', '4' TO CH. P.C.B. 'K' | PC | 0 | 0.00000 | 0.1239 | 0.000000 |
| 191-801003-07 | 8 PIN SOCKET ASSM'Y L=120MM CN102 '5' TO CH. P.C.B. 'J', '6' TO CH. P.C.B. 'I' | PC | 0 | 0.00000 | 0.1239 | 0.000000 |
| 191-801003-07 | 8 PIN SOCKET ASSM'Y L=120MM CN102 '7' TO CH. P.C.B. 'H', '8' TO CH. P.C.B. 'G' | PC | 0 | 0.00000 | 0.1239 | 0.000000 |
| 504-305006-10 | MACHINE SCREW 3 X 6 B/M (WHITE) U402,405 2 FOR POWER SWITCH,US01 | PC | 0 | 5.00000 | 0.0013 | 0.006500 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

| Print Date : 26/09/96 | PRODUCT CODE : 92132T-050004-TV | | | | | | |
|-----------------------|---|--------------------------|------|-------------------|------------|----------|----------|
| Page Number : 16 | DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART | | | | | | |
| | 1P.TXT GREY 240V SAA.MONO 40P. | | | | | | |
| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount | |
| 504-305012-10 | MACHINE SCREW 3 X 12 B/M FOR HEAT SINK (B) | PC | 0 | 1.00000 | 0.0019 | 0.001900 | |
| 514-400425-10 | SELF-TAPPING SCREW 4 X 25 B/T (HARDEN) 7 REAR CAB | PC | 0 | 7.00000 | 0.0095 | 0.066500 | |
| 514-500435-10 | SELF-TAPPING SCREW B/T 5 X 35 HEAD DIA. =8.5MM (MAX)(HARDEN) 4 FOR CRT MTG. | PC | 0 | 4.00000 | 0.0174 | 0.069600 | |
| 516-400425-10 | SELF-TAPPING SCREW 4 X 25 P/T (HARDEN) FOR REAR CAB.JOIN TO THE FRONT CAB.(BOTTOM) | PC | 0 | 2.00000 | 0.0058 | 0.011600 | |
| 517-303312-10 | SELF-TAPPING SCREW 3 X 12 W/A W/H=7MM (HARDEN) FOR HEAT SINK (A) & (C) | PC | 0 | 2.00000 | 0.0033 | 0.006600 | |
| 520-305025-55 | NUT M3 T=2.5 OD=5.5 FOR HEAT SINK (B) | PC | 0 | 1.00000 | 0.0025 | 0.002500 | |
| 540-020030-01 | EYELET 2 X 3 MM 4-T501,1-Q504'C',1-Q402'C',2-T402,2-L401 | PC | 0 | 10.00000 | 0.0010 | 0.010000 | |
| 540-020040-01 | BRASS EYELET 2X4MM FOR AC LINE CORD - 2 , (X)(Y)-2 | PC | 0 | 4.00000 | 0.0010 | 0.004000 | |
| 580-101261-01 | CABLE TIE L=100MM FOR CRT BOARD , CONNECTOR ,SPEAKER | PC | 0 | 11.00000 | 0.0029 | 0.031900 | |
| 622-882802-00 | FEIT L240 X W17 X T0.5MM W/TAPE FOR REAR CABINET | PC | 0 | 4.00000 | 0.0658 | 0.263200 | |
| 728-921301-00 | FUNCTION P.C.B. SUPPORT BKT. | PC | 0 | 5.00000 | 0.0310 | 0.155000 | |
| 744-881301-00 | SPRING FOR C.R.T. MOUNTING 5.2 X 42 X 0.6MM | PC | 0 | 1.00000 | 0.0484 | 0.048400 | |
| 746-063101-00 | TEST PIN:TOTAL LENGTH 18.6MM THK:0.8MM MAIN P.C.B. 'F','G','J' | PC | 0 | 3.00000 | 0.0039 | 0.011700 | |
| 750-063101-00 | SOLDERING LUG LEG:8X4MM FOR U401,Q402,Q504 | PC | 0 | 3.00000 | 0.0023 | 0.006900 | |
| 750-063102-01 | 35MM SOLDERING LUG FOR SPK.WIRE | PC | 0 | 2.00000 | 0.0087 | 0.017400 | |
| 766-686801-00 | FUSE HOLDER | PC | 0 | 2.00000 | 0.0135 | 0.027000 | |
| 777-921301-00 | POWER KNOB SPRING FOR POWER KNOB | PC | 0 | 1.00000 | 0.0072 | 0.007200 | |
| 779-882001-01 | IRON HEAT SINK (D) U402,405,U501 | PC | 0 | 3.00000 | 0.0387 | 0.116100 | |
| 781-882001-02 | ALUMINIUM HEAT SINK (B) FOR Q402 | PC | 0 | 1.00000 | 0.2032 | 0.203200 | |
| 781-882102-03 | ALUMIMIUM HEAT SINK (A) FOR Q504 | PC | 0 | 1.00000 | 0.3426 | 0.342600 | |
| 781-892001-00 | ALUMINIUM HEAT SINK (C) FOR U401 | PC | 0 | 1.00000 | 0.2284 | 0.228400 | |
| 783-931304-02 | SHIELD CAN | PC | 0 | 1.00000 | 0.2071 | 0.207100 | |
| 783-932001-00 | SHIELD CAN COVER (SAMSUNG TUNER) | PC | 0 | 1.00000 | 0.1490 | 0.149000 | |
| 810-052204-14 | POLYBAG 5" X 22" X 0.04MM FOR AC LINE CORD | PO MAT W/RE-CYCLING MARK | PC | 0 | 1.00000 | 0.0141 | 0.014100 |
| 834-230801-00 | RUBBER WASHER OD=23 , ID=8 , T=1.0 FOR CRT MTG.ADJUSTMENT | PC | 0 | 4.00000 | 0.0184 | 0.073600 | |
| 834-230802-00 | RUBBER WASHER OD=23 , ID=8 , T=2 CRT MTG. | PC | 0 | 2.00000 | 0.0232 | 0.046400 | |
| 834-230805-00 | RUBBER WASHER OD=23 ID=8 T=0.5 CRT MTG. | PC | 0 | 2.00000 | 0.0110 | 0.022000 | |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/09/96

PRODUCT CODE : 92132T-050004-TV

Page Number : 17

DESCRIPTION : GT-9213 TEAC PAL/BG W/SCART 1P.TXT GREY 240V SAA,MONO 40P.

| Component Part | Description / Location | Unit | Subs | Quantity | Unit Price | Amount |
|-----------------------|--|------|------|----------|---------------|------------------|
| | | | | Required | | |
| 840-011024-21 | PAD CORD L240 X W10 X T1 MM W/TAPE BETWEEN CRT AND FRONT CABINET | PC | 0 | 4.00000 | 0.0387 | 0.154800 |
| 840-051030-11 | RUBBER PAD (ONE SIDE W/TAPE) MAIN P.C.B. (1 UNDER POWER TRANSFORMER T502) & | PC | 0 | 2.00000 | 0.0074 | 0.014800 |
| 840-051030-11 | RUBBER PAD (ONE SIDE W/TAPE) (1 BETWEEN HEAT SINK A.B. ON COPPER SIDE) | PC | 0 | 0.00000 | 0.0074 | 0.000000 |
| 840-051520-11 | RUBBER PAD (ONE SIDE W/TAPE) MAIN P.C.B. (UNDER FBT) | PC | 0 | 1.00000 | 0.0064 | 0.006400 |
| 896-921301-00 | POWER BOARD COVER | PC | 0 | 1.00000 | 0.0232 | 0.023200 |
| 929-892001-00 | LED HOLDER BKT FOR CIRCLE LED FOR LED601 | PC | 0 | 1.00000 | 0.0153 | 0.015300 |
| 939-881302-00 | POWER SWITCH ADAPTOR | PC | 0 | 1.00000 | 0.0103 | 0.010300 |
| 948-881302-00 | DEGAUSSING COIL MTG. CLIP | PC | 0 | 4.00000 | 0.0255 | 0.102000 |
| 954-892101-00 | STUD POST | PC | 0 | 1.00000 | 0.0199 | 0.019900 |
| ASSB PRICE : | | | | | | 63.463672 |
| TOTALA PRICE : | | | | | | 166.3293 |

NO PRICE ITEM : 0

*** END OF REPORT ***

MARIN P. E. BORRU

