

ADJUSTMENT INSTRUCTION

These instructions are applied to only NC-5AA chassis.

Notes

1. So this is a hot chassis, you must be careful, and be caution not to touch 1st and 2nd concurrently.
2. Adjustment must be done in the correct order.
3. Power supply of a SET which is adjusted is 100~240V A.C./50~60Hz.
4. The receiver must be operated for about 30 minutes prior to the adjustment.

CONTENTS

- 1) VIF, AFT and SIF Adjustment
- 2) Sound Multiplex Adjustment
- 3) FOCUS Adjustment
- 4) AGC Adjustment
 - 4)-1 Picture AGC Adjustment
- 5) V-Size and V-Center Adjustment
- 6) Horizontal Size, Center and Side Pincushion Adjustment
- 7) Purity and Convergence Adjustment
- 8) White Balance Adjustment
- 9) SUB-Bright Adjustment
- 10) Vertical Center Adjustment
- 11) Horizontal Center Adjustment

1. VCO and AFT Adjustment

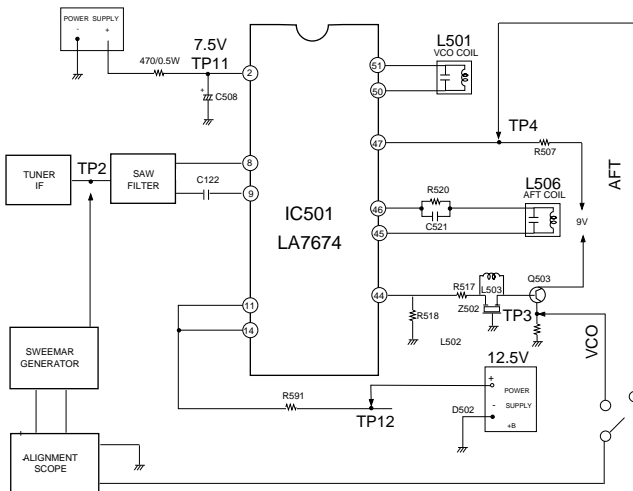
This Adjustment must be applied only to PCB Assy.

1.1. Necessary Instruments

- 1) Sweamer Generator : can sweep 35MHz~55MHz(over 120dBu)
- 2) PLUG in Unit : With PIF(45.75MHz), SIF(41.25MHz) Marker
- 3) Alignment Scope : X-Y mode, 10mV~20V Variable
- 4) D.C. Power Supply : 0~12V Variable
- 5) D.C. Power Supply : 13.5V±0.2V (over 300mA)
- 6) Digital Multimeter

1.2. Preliminary Steps

- 1) Connect the output of Sweamer Generator like <Fig 1>. Here, set the output of Sweamer Gen. to 100±5dBu.



<Figure 1>

- 2) Connect H.Scope and Pulse output of Sweamer Generator to H.Input and Marker input of Alignment Scope, respectively.
- 3) Apply AGC Voltage(D.C.) to TP11 of IC201.(7.5±0.05V)
- 4) Apply B+ of IC201 to TP12 of R591.(12.0±0.1V)
- 5) Set VR526(AGC Adjustment) to mechanical center.

1.3. Adjustment

A. VCO

- 1) Set the vertical range of Alignment Scope to 1V/DIV and CAL position, and, by applying D.C. 0~9V, do DC Calibration to place D.C 4.5V point of waveform to center of Screen.
- 2) Connect the Input terminal of Alignment Scope to TP3(Video Detection Output), and set Vertical Variable Switch to CAL position.
- 3) Apply AGC Voltage to TP11 of IC201 through 470Ω to be 7.5±0.05V
- 4) Adjust L501 so that BEAT appears on 45.75MHz Marker like <Fig 2> If not, adjust again after attenuating output 10~20dBu.



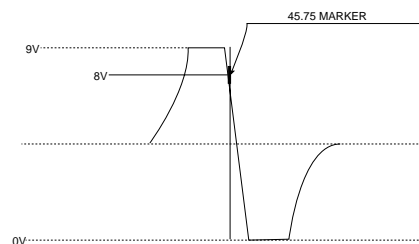
45.75MHz

(Turn L105 so that the position of Beat is same with 45.75MHz Marker)

<Figure 2>

B. AFT

- 1) Connect the Input of Alignment Scope to TP4 with keeping DC voltage of 2pin of IC201.
- 2) Keep the output of Sweamer Generator 100±5dBu.
- 3) Adjust L506 so that waveform of Alignment Scope to be that of <Fig 3>.
- 4) Adjust Vertical Volume of Alignment Scope to place DC level of waveform to center (4.5V) and 45.75MHz Marker to 7.5V; 0.5V.



<Figure 3>

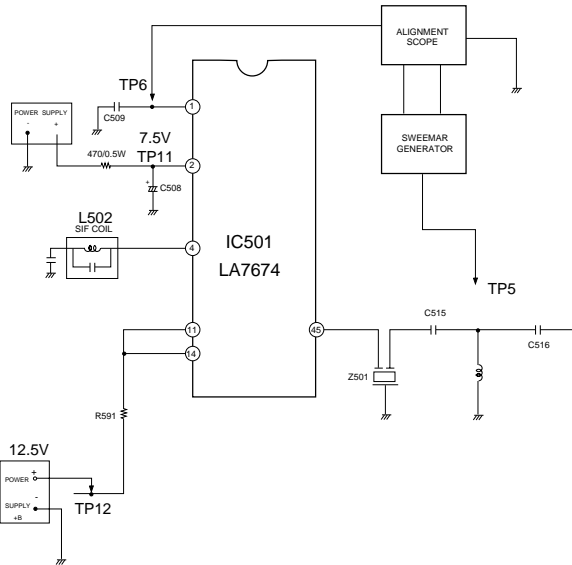
2. SIF Adjustment

2.1. Necessary Instruments

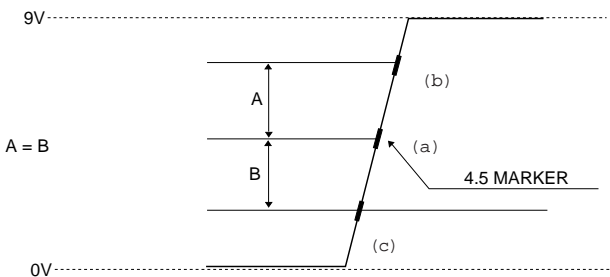
- 1) Sweamer Generator : can sweep 3~6MHz
- 2) Plug In Unit : with 4.5MHz Marker
- 3) Alignment Scope : X-Y mode(can measurable 10mV~20Vp-p)
- 4) DC Power Supply : 13.5V, over 300mA
- 5) DC Power Supply : 0~12V variable

2.2. Adjustment

- 1) Connect Sweamer Generator and Alignment Scope the same method of VIF adjustment.
 - 2) Connect the output of Sweamer Generator to TP5 like <Fig 4 >.
 - 3) Connect the Input of Alignment Scope to TP6.
 - 4) Apply AGC voltage of IC201 to TP11(7.5±0.05V).
 - 5) Apply B+ of IC201 to TP12.
 - 6) Adjust L502 S-shaped waveform of Alignment Scope to be that of <Fig 5>.
- Adjust (A=B)
Because 4.5MHz Marker doesn't with horizontal line, apply (a) marker(4.5MHz) to be the center of (b), (c)Markers.



<Figure 4>



<Figure 5>

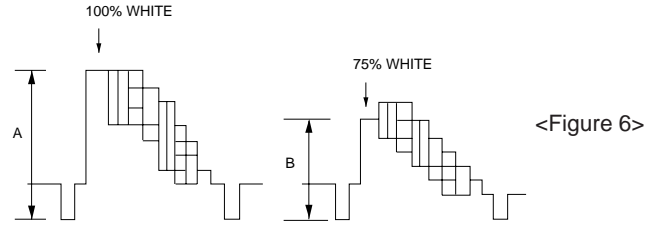
3. Composite Video Signal Adjustment

3.1. Necessary Instruments

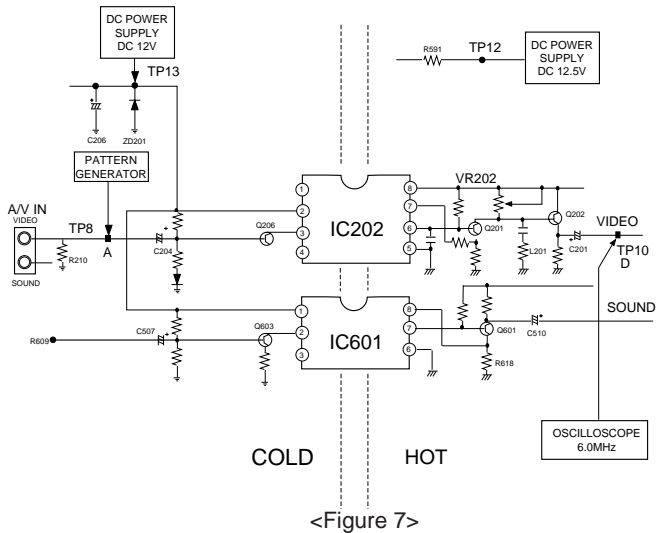
- 1) Pattern Generator : PM5518(PHILIPS) or Equivalents
7 Step Color Bar Pattern with 75% out
- 2) Oscilloscope : VP-5650A or Equivalents
can measure over 1.0Vp-p
Vertical Freq. : over 4MHz
- 3) DC Power Supply : 12.2±0.2V/400mA 2EA

3.2. Preliminary Steps

- 1) Connect the output of Pattern Generator to TP8 like <Fig 7>.
Where, the output of Pattern Generator is 1.0Vp-p.(Point position "A")
- 2) Connect DC Power Supply to TP12 and TP13.
Where, devide Ground of TP12 and TP13(HOT/COLD).
- 3) Connect probe to TP10(point "D").



<Figure 6>



<Figure 7>

3.3 Adjustment

Adjust VR202 to get Luminance signal(Color Bar) level like below. (Refer to <Fig 6 >)

- 1) White 100% modulated 1.78±0.1Vp-p
- 2) White 75% modulated 1.46±0.1Vp-p

4. Automatic Gain Control(AGC) Adjustment

- 4.1 Turn on a SET and receive Digital Pattern of 65; 1dB through 75% Ant. terminal.
- 4.2 Connect DMM(Digital Multi-Meter) to J27.
- 4.3 Adjust VR101 to read 5.7±0.05V of DMM.
(Where, you can set proper AGC voltage according to signal condition.)

5. Purity and Convergence Adjustment

This adjustment should be made when a complete re-alignment is required or a new picture tube is installed.

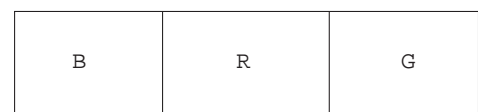
5.1 Purity Adjustment

5.1.1 Necessary instruments and Preliminary steps

- 1) Pattern Generator : 216/1 or Equivalents
- 2) Degauss CPT and Cabinet with Degaussing coil.
- 3) Maximize Contrast level.
- 4) Pre-adjust the DY.

5.1.2 Adjustment

- 1) Receive Raster signal(Red).
- 2) Push the DY to get Picture like <Fig 8>.
- 3) Adjust 2-pole magnet to place RED center of screen orthogonally.



<Figure 8>

- 4) Pre-fix 2-pole magnet after adjustment with Lock Ring.
- 5) Pull the DY back slowly to get uniformly RED picture and fix it.

5.2 Convergence Adjustment

5.2.1 Necessary Instruments

- 1) Pattern Generator : 216/1 or Equivalents
- 2) Degaussing coil

5.2.2 Preliminary Steps

- 1) Do this adjustment after operating the SET more than 30 minutes.
- 2) Degauss CPT and Cabinet with Degaussing coil.
- 3) Receive Cross hatch pattern.
- 4) Adjust Contrast and Bright properly.
- 5) Untighten half-fixed Magnet Assy lock ring

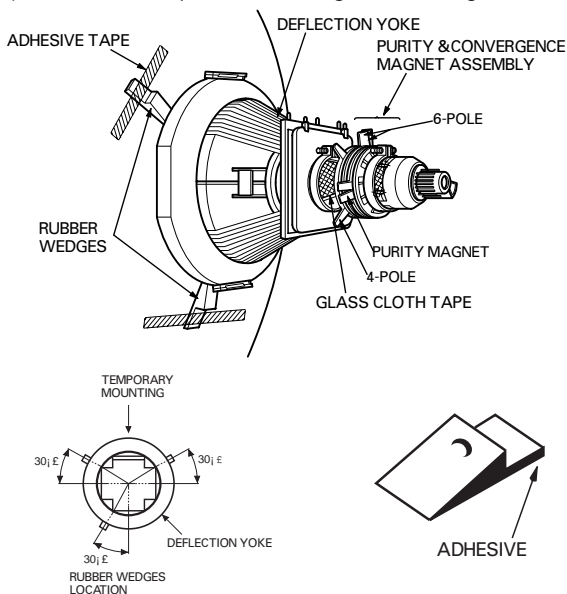
5.2.3 Adjustment

A. Center(Static) Convergence Adjustment

- 1) Unify Red and Blue vertical lines at center of screen by varying the angle of two tabs of 4-pole magnet.
- 2) Rotate tab with sustaining the angle of item 1) and unify Red and Blue vertical lines at center of screen.
- 3) Unify Red,Blue and Green vertical lines by adjusting two tab2 of 6-pole magnet.
- 4) Rotate tab with sustaining the angle of item 3) and unify Red,Blue and Green vertical lines.
- 5) To get more detail adjustment repeat 1),2) with remembering changes of Red,Blue and Green.
- 6) Fix magnet assy lock ring.

B. Dynamic Convergence Adjustment

- 1) Prepare bonded rubber wedge.
- 2) Adhere rubber wedge to "A" part halfly.
(Don't remove paper of bonding part.)
- 3) Move the DY every direction to get best convergence in every corner.
- 4) Adhere rubber wedge to bottom of CPT.(Refer <Fig 9>).
- 5) After checking the locatons of 3 wedges and check Convergence.
- 6) Paint white lacquer on DY fixing nut and magnet.



<Figure 9>

6. White Balance

6.1 White Balance Adjustment

6.1.1 Necessary Instrument

- 1) White Balance Meter

6.1.2 Preliminary Steps

- 1) Do this adjustment after operating the SET more than 30 minutes.
- 2) Receive Standard White pattern.
- 3) Adjust under "APC ON" condition.
- 4) Turn Screen VR CCW.
- 5) Set Red driver(VR571) and Blue driver(VR572) to mechanical center.
- 6) Set Red Bias(VR574) ,Blue Bias(VR575) and Green Bias(VR573) to 1/3 point to Clock-wise from full CCW.
- 7) Set SVC SW to "SVC" to get Horizontal line.

6.1.3 Adjustment

- 1) Turn screen VR slowly to see first horizontal line on screen
- 2) Make horizontal line white with 2 Bias VRs which aren't displayed in 1).
- 3) Vary screen VR to get very dim horizontal line.
- 4) Set SVC SW to "Normal" position.
- 5) Receive adjustment signal-White in upper and Black in Lower.
- 6) Vary Red driver(VR571) and Blue driver(VR572) to get White screen in White.
- 7) Vary Bias and Drivers to get the best screen in White and Black.
- 8) Check adjustment condition with White Balance Meter.
- 9) Refer below for Adjustment

Color Temperature	X	Y
10,000K	0.281	0.288

High Light : 40fl

Low Right : 4fl

7. Focus Adjustment

- 1) Receive Digital pattern.
- 2) Set screen conditon to "APC ON".
- 3) Turn Focus VR to get the best condition in center and every corner.

8. Sub-Bright Adjustment

- 1) Receive Digital pattern.
- 2) Do this adjustment after operating the SET more than 30 minutes.
- 3) After selecting Sub-mode with SVC Remocon and vary to distinguish 4 and 5 step of Gray scale.

9. Vertical Size Adjustment

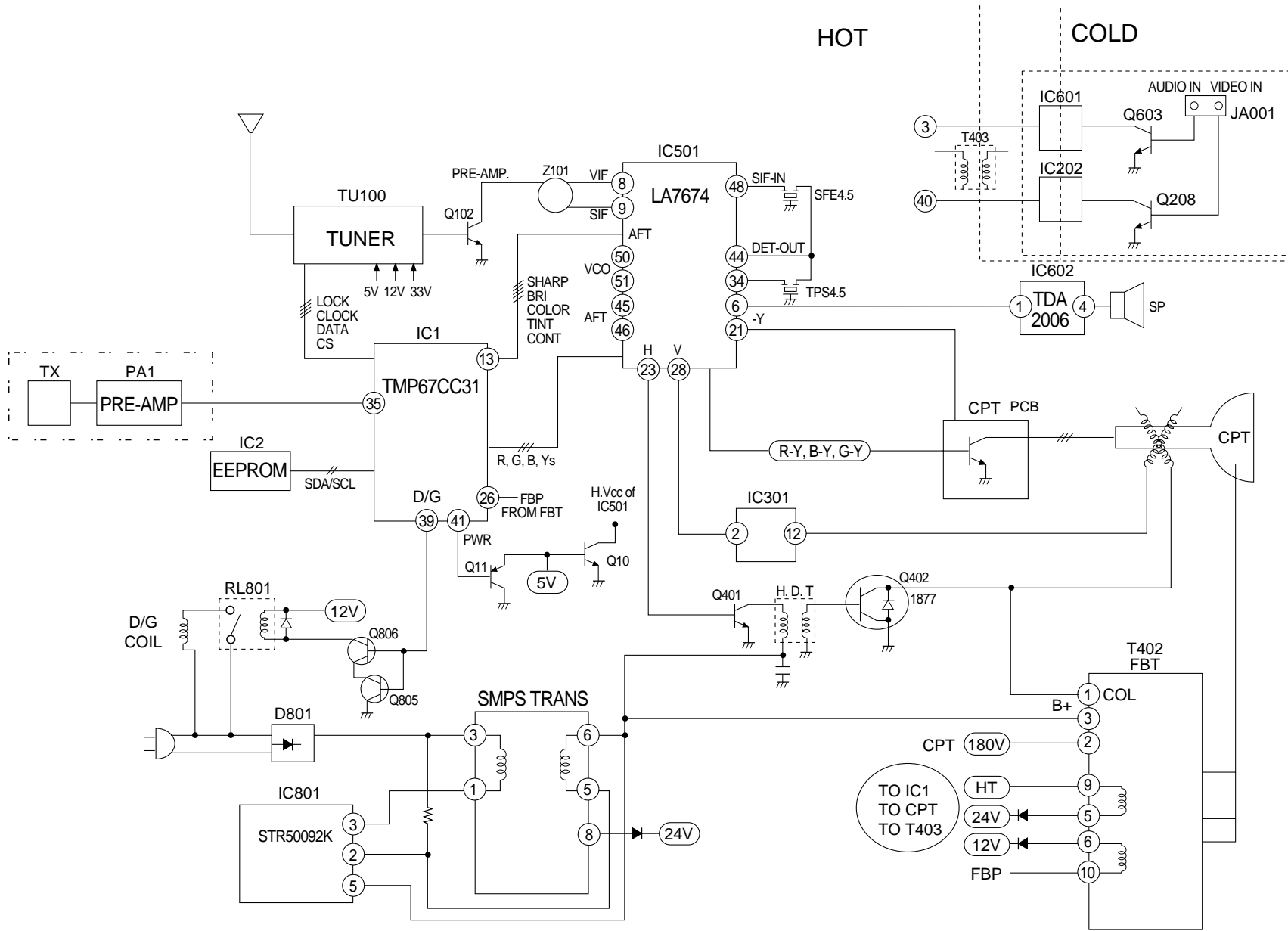
- 1) Receive Digital pattern and set screen conditon to "APC ON".
- 2) Vary Vertical Size adjustment VR(VR301) to reach inner circle of large circle to edge of frame.

10. Vertical Center Adjustment

- 1) Receive Digital pattern and set screen condition to "APC ON".
- 2) Adjust the center of screen with SVC SW(SW301) to place center.

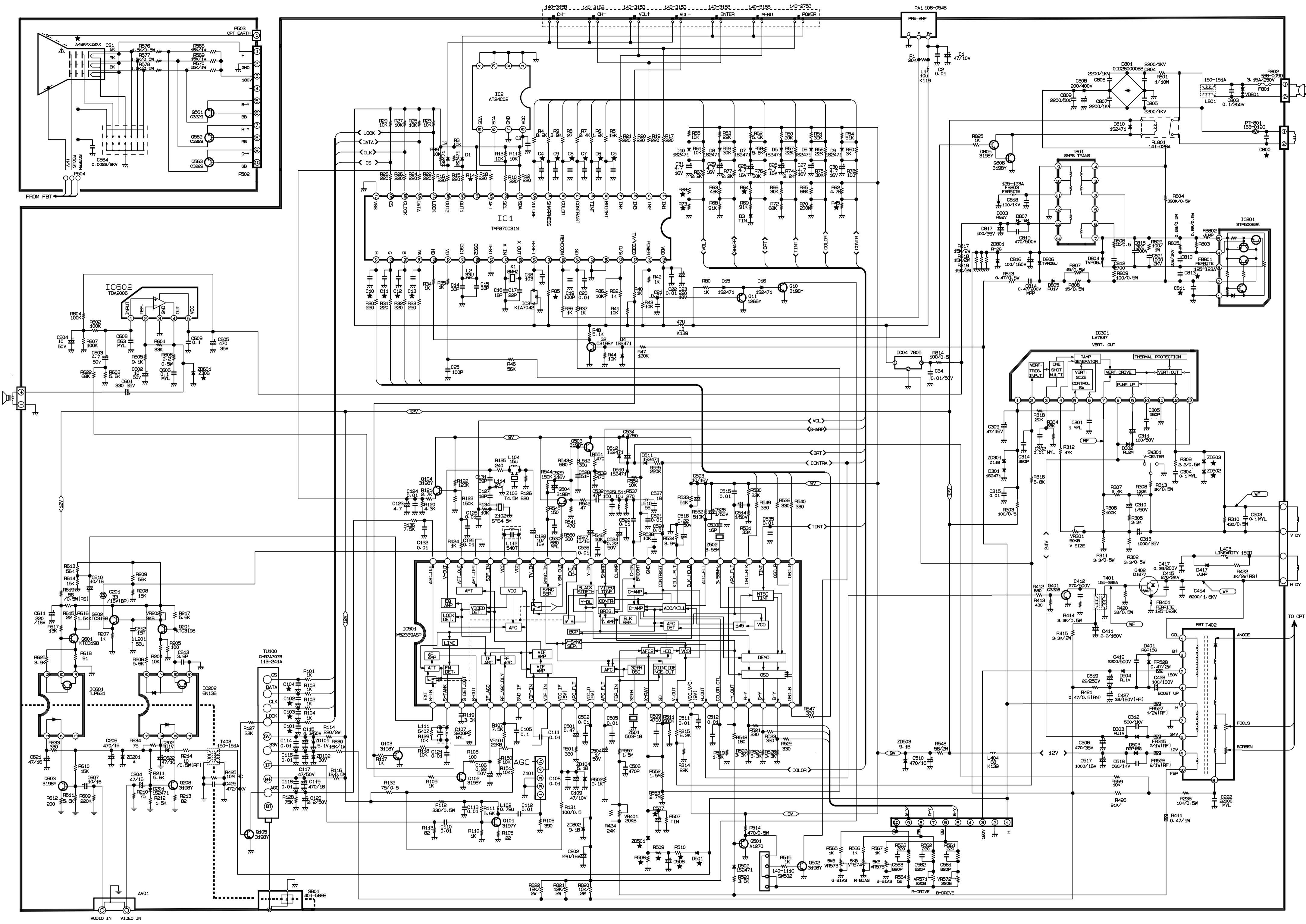
11. Horizontal Center Adjustment

- 1) Receive Digital pattern and set screen condition to "APC ON".
- 2) Adjust the center of screen with VR505 to place center.



BLOCK DIAGRAM

NC-5AA SCHEMATIC DIAGRAM



REPLACEMENT PARTS LIST

RUN DATE:970904

CAUTION: The Δ marks on the schematic diagram and the replacement parts list designate components which have special characteristics important for safety, and should be replaced only with types identical to those in the original circuit or specified in the parts list. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE in this manual. Do not risk the safety of the receiver through improper servicing.

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
IC					
IC1	0ISA840827A	IC,GS8408-27A(LC864116W-5795)	D402	0DD247109AA	DIODE,1S2471
IC201	0ISA767400A	IC,LA7674 52SD NTSC 1 CHIP	D403	0DD247109AA	DIODE,1S2471
IC202(B90)	0IT0651000A	IC,TLP651 8D 5KVRMS PHOTO COU	D405	0DD400509AA	DIODE,1N4005 GP
IC3	0IKE780500P	IC,KIA78L05BP(TA)3P 5V,150MA	D406	0DD247109AA	DIODE,1S2471
IC301	0ISA783700A	IC,GL7837(LA7837) 13SIP V/O.	D407	0DD247109AA	DIODE,1S2471
IC601(B90)	0IT0631000A	IC,TLP631,6D 5KVRMS PHOTO COU	D501	0DD247109AA	DIODE,1S2471
Δ IC801	0IGL301300B	IC,STR30130 W/MICA NEW FORMING	D502	0DD247109AA	DIODE,1S2471
TRANSISTOR					
Q1	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC	D503	0DD247109AA	DIODE,1S2471
Q101	0TR319709AB	TR,KTC3197,TP(KTC388A),KEC	D504	0DD247109AA	DIODE,1S2471
Q102	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC	Δ D505	0DD150009CA	DIODE,RGP15J
Q2	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC	D506	0DD247109AA	DIODE,1S2471
Q201	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC	D601	0DD247109AA	DIODE,1S2471
Q202	0TR126609AA	TR,KTA1266-TP-Y (KTA1015) KEC	Δ D602	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
Q203	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC	D603	0DD247109AA	DIODE,1S2471
Q3	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC	D7	0DD247109AA	DIODE,1S2471
Q401	0TR187700AA	TR,2SD1877 SANYO	D8	0DD247109AA	DIODE,1S2471
Q402	0TR320709AA	TR,KTC3207,TP(KTC2482),KEC	Δ D801	0DD150009CE	DIODE,GP15J (1.5A/600V)
Δ Q403	0TR126609AA	TR,KTA1266-TP-Y (KTA1015) KEC	Δ D802	0DD150009CE	DIODE,GP15J (1.5A/600V)
Q5	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC	Δ D803	0DD150009CE	DIODE,GP15J (1.5A/600V)
Q501	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC	Δ D804	0DD150009CE	DIODE,GP15J (1.5A/600V)
Q502	0TR127009AA	TR,KTA1270-TP-Y (KTA562TM)KEC	D805	0DD247109AA	DIODE,1S2471
Q604	0TR205800AB	TR,KTD2058-Y KEC	D806	0DD400509AA	DIODE,1N4005 GP
Q605	0TR136600AB	TR,KTB1366-Y,KEC	D807	0DD400509AA	DIODE,1N4005 GP
Q606	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC	Δ D808	0DD247109AA	DIODE,1S2471
Q801	0TR322709AA	TR,KTC3227-Y,TP(KTC1627A),KEC	D809	0DD247109AA	DIODE,1S2471
Q802	0TR319809AA	TR,KTC3198-TP-Y (KTC1815)KEC	D810	0DD247109AA	DIODE,1S2471
Q901	0TR322900AB	TR,KTC3229(U-STICK) TO-220IS KEC	D811	0DD247109AA	DIODE,1S2471
Q902	0TR322900AB	TR,KTC3229(U-STICK) TO-220IS KEC	D9	0DD247109AA	DIODE,1S2471
Q903	0TR322900AB	TR,KTC3229(U-STICK) TO-220IS KEC	Δ D901	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
DIODE			ZD1	0DZ360009DA	DIODE ZENER,MTZ3.6B
D10	0DD247109AA	DIODE,1S2471	ZD101	0DZ300009BA	DIODE ZENER,MTZ30B
D11	0DD247109AA	DIODE,1S2471	ZD102	0DZ510009AB	DIODE ZENER,MTZ5.1B
D12	0DD247109AA	DIODE,1S2471	ZD103	0DZ910009BA	DIODE ZENER,MTZ9.1B
D13	0DD247109AA	DIODE,1S2471	ZD301	0DZ820009AA	DIODE ZENER,MTZ8.2B
D14	0DD247109AA	DIODE,1S2471	ZD401	0DZ110009AA	DIODE ZENER,MTZ 11B
D15	0DD247109AA	DIODE,1S2471	ZD501	0DZ910009BA	DIODE ZENER,MTZ9.1B
D16	0DD247109AA	DIODE,1S2471	ZD502	0DZ120009AA	DIODE ZENER,Z12BM TA
D17	0DD247109AA	DIODE,1S2471	ZD507	0DZ240009BC	DIODE ZENER,MTZ2.4B 2.4V K-ROHM TP
D20	0DD247109AA	DIODE,1S2471	ZD801	0DZ120009AC	DIODE,ZENER,TZP12A TP TP ROHM
D21	0DD247109AA	DIODE,1S2471	CAPACITOR		
D22	0DD247109AA	DIODE,1S2471	C10	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
D23	0DD247109AA	DIODE,1S2471	C101	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
D301	0DD400509AA	DIODE,1N4005 GP	C102	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
Δ D302	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS	C103	0CK1030K945	C,CERAMIC(HIGH DIELE) 0.01MF 50V Z
D303	0DD247109AA	DIODE,1S2471	C104	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
D401	0DD247109AA	DIODE,1S2471	C105	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
			C106	0CE108DF618	C,ELECTROLYTIC 1000UF STD 16V M
			C107	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
			C108	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M

LOCA. NO	PART NO	DESCRIPTION
C109	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C11	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C110	0CC2000K415	C,CERAMIC(TEMP COMP) 20P 50V J
C111	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C112	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C113	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C114	0CE474DK618	C,ELECTROLYTIC 0.47UF STD 50V M
C115	0CX2700K409	C,TUBULA(T.C) 27PF 50V J
C116	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C117	0CQ1031N509	C,POLYESTER(MYLAR) 0.01U 100V K
C118	0CE227DF618	C,ELECTROLYTIC 220UF STD 16V M
C119	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C12	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C120	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C121	0CE227DF618	C,ELECTROLYTIC 220UF STD 16V M
C14	0CN1010K519	C,TUBULA(HIGH DIELE) 100PF 50V K
C15	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C16	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C17	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C19	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C2	0CC3300K415	C,CERAMIC(TEMP COMP) 33P 50V J
C20	0CN4710K519	C,TUBULA(HIGH DIELE) 470PF 50V K
C201	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C202	0CN1510K519	C,TUBULA(HIGH DIELE) 150P 50V K
C202(B90)	0CX6800K409	C,TUBULA(HIGH DIELE) 68P 50V J
C203	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C21	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C212	0CC5100K415	C,CERAMIC(TEMP COMP) 51P 50V J
C216	0CE228DF618	C,ELECTROLYTIC 2200UF STD 16V M
C22	0CE108DD618	C,ELECTROLYTIC 1000UF STD 10V M
C23	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C24	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C25	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C26	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C27	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C29	0CX5600K409	C,TUBULA(T.C) 56P 50V J
C3	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C301	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C302	0CN3910K519	C,TUBULA(HIGH DIELE) 390P 50V K
C303	0CQ1031N509	C,POLYESTER(MYLAR) 0.01U 100V K
C304	181-112F	C,ELECTROLYTIC 50V/1UF K
C306	0CE476DK618	C,ELECTROLYTIC 47UF STD 50V M
C307	0CK5610K515	C,CERAMIC(HIGH DIELE) 560P 50V K
C308	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C309	0CE108DJ618	C,ELECTROLYTIC 1000UF STD 35V M
△ C310	0CK4710W515	C,CERAMIC(HIGH DIELE) 470PF 500V K
△ C311	0CE477DJ618	C,ELECTROLYTIC 470UF STD 35V M
C312	0CQ1041N509	C,POLYESTER(MYLAR) 0.1MF 100V L
C32	0CE227DD618	C,ELECTROLYTIC 220UF STD 10V M
C35	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C351	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C36	0CN3310K519	C,TUBULA(HIGH DIELE) 330P 50V K
C39	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C40	0CE107DD618	C,ELECTROLYTIC 100UF STD 10V M
C401	0CQ1031N509	C,POLYESTER(MYLAR) 0.01U 100V K
C402	0CE106DK618	C,ELECTROLYTIC 10UF STD 50V M
C403	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M

LOCA. NO	PART NO	DESCRIPTION
C405	0CQ3331N509	C,POLYESTER(MYLAR) 0.033U 100V K
C406	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C408	0CN5610K519	C,TUBULA(HIGH DIELE) 560P 50V K
C409	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C410	0CE336DH618	C,ELECTROLYTIC 33UF STD 25V M
△ C412	0CK3910W515	C,CERAMIC(HIGH DIELE) 390P 500V K
C413	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
△ C414	0CE2251R618	C,ELECTROLYTIC 2.2M SM 250V M
C415	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
△ C416	181-452E	C,MPP 1.6KV 0.0073MF
△ C416(B90)	181-015G	C,MPP 1600V 0.0077UF
△ C417	181-091J	CAPACITOR DE1107 R 821K 2KV
△ C417(B90)	181-087D	CAPACITOR DE1010RR 681K 2K
△ C418	181-102P	C,HR 160V 33UF TP
△ C420	0CK8210W515	C,CERAMIC(HIGH DIELE) 820PF 500V K
△ C421	181-128C	C,METALPOLYPROPYLENE 0.39MF 200V J
△ C422	0CE1051R618	C,ELECTROLYTIC 1.0M SM 250V M
C425(B90)	181-093A	CAPACITOR DE 7090B 102KVA 1MKC4-14
C429	0CQ2231N509	C,POLYESTER(MYLAR) 0.022MF 100V K
C5	0CE108DD618	C,ELECTROLYTIC 1000UF STD 10V M
C501	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C502	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C503	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C504	0CE474DK618	C,ELECTROLYTIC 0.47UF STD 50V M
C505	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C506	0CN3910K519	C,TUBULA(HIGH DIELE) 390P 50V K
C509	0CX4700K409	C,TUBULA(T.C) 47PF 50V J
C510	0CX3900K409	C,TUBULA(T.C) 39PF 50V J
C512	0CE474DK618	C,ELECTROLYTIC 0.47UF STD 50V M
C513	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C514	0CX1300K409	C,TUBULA(T.C) 13P 50V J
C519	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C520	0CN8210K519	C,TUBULA(HIGH DIELE) 820P 50V K
C521	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C522	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
△ C523	0CK4710W515	C,CERAMIC(HIGH DIELE) 470PF 500V K
△ C524	0CE108DF618	C,ELECTROLYTIC 1000UF STD 16V M
C525	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C526	0CE6846K618	C,ELECTROLYTIC 0.68U SMS 50V M
C527	0CX1200K409	C,TUBULA(T.C) 12PF 50V J
C528	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C529	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C532	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C6	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C603	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C604	0CE476DK618	C,ELECTROLYTIC 47UF STD 50V M
C605	0CX1800K409	C,TUBULA(T.C) 18PF 50V J
C606	0CX3900K409	C,TUBULA(T.C) 39PF 50V J
C609	0CQ1031N509	C,POLYESTER(MYLAR) 0.01U 100V K
C611	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C612	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C613	0CE477DJ618	C,ELECTROLYTIC 470UF STD 35V M
C614	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C615	0CN3310K519	C,TUBULA(HIGH DIELE) 330P 50V K
C616	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C617	0CE107DJ618	C,ELECTROLYTIC 100UF STD 35V M
C618	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K

LOCA. NO	PART NO	DESCRIPTION
△ C619	0CK4710W515	C,CERAMIC(HIGH DIELE) 470PF 500V K
△ C620	0CE107DJ618	C,ELECTROLYTIC 100UF STD 35V M
C623	0CQ2242K439	C,POLYESTER(MYLAR) 0.22UF S 50V J
C624	0CQ6821N509	C,POLYESTER(MYLAR) 0.0068U 100V K
C7	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C8	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C801	0CQZVBK002C	C,POLYESTER A.C 275V 0.22UF K
△ C803	0CK2220W515	C,CERAMIC(HIGH DIELE) 2200PF 500V K
△ C804	0CK2220W515	C,CERAMIC(HIGH DIELE) 2200PF 500V K
△ C805	0CK2220W515	C,CERAMIC(HIGH DIELE) 2200PF 500V K
△ C806	0CK2220W515	C,CERAMIC(HIGH DIELE) 2200PF 500V K
△ C807	181-075E	C,ELECTROLYTIC 470MF 200V
C808	0CE475BP618	C,ELECTROLYTIC 4.7U KME(RG) 160V
C809	0CE337DF618	C,ELECTROLYTIC 330UF STD 16V M
C810	0CE108DF618	C,ELECTROLYTIC 1000UF STD 16V M
C811	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C812	0CK1030K945	C,CERAMIC(HIGH DIELE) 0.01MF 50V Z
C9	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C901	181-434K	C,CERAMIC(HI-K) 2200PF 2KV
C902	0CE4751R618	C,ELECTROLYTIC 4.7M SM 250V M
VC112	181-503A	CAPACITOR VCT56G521A 7.5P-50P N600-N
COIL & TRANSFORMER		
L1	0LA0471K119	INDUCTOR,4.7UH K
L101	0LA0680K119	INDUCTOR,0.68UH K
L102	150-E08W	COIL,VAR,07S 1B 45.75MHZ
L201	150-E08V	COIL,VAR,07S 1B 45.75MHZ
L203	0LA0152K119	INDUCTOR,15UH K
L204	0LA0392K119	INDUCTOR,39UH K
L206	0LA1200K139	INDUCTOR,120UH K
L3	0LA1000K119	INDUCTOR,100UH K
△ L402	150-L01Z	COIL,H-LINEARITY 97UH
△ L403	150-C02S	COIL,CHOKE 6800UH R 1218
L501	0LA0472K119	INDUCTOR,47UH K
L502	0LA0152K119	INDUCTOR,15UH K
L503	0LA1200K139	INDUCTOR,120UH K
L601	150-E08D	COIL,VAR,07S 1B 4.5MHZ
L602	0LA0152K119	INDUCTOR,15UH K
L8	0LA0102K119	INDUCTOR,10UH K
L9	0LA0122K119	INDUCTOR,12UH K
L901	0LA1200K139	INDUCTOR,120UH K
L901(B90)	0LA2700K139	INDUCTOR,270UH K
△ T401	154-375B	FBT,DNF-FA2105(SECTION,154-177C)
△ T402	151-C02B	TRANSFORMER,H-DRIVE,EI-19,BULK
T403(B90)	150-F02B	FILTER,LINE FILTER UU1116 1.5MH
T801	150-F02B	COIL,LINE FILTER UU1116 1.5MH
RESISTOR		
D19	0RD5600F609	R,CARBON FILM 560 1/6W 5
△ FR301	0RF0201J607	R,FUSIBLE 2 1W 5%
△ FR401	0RF0201K607	R,FUSIBLE 2 2W 5%
△ FR402(B90)	0RF0102J607	R,FUSIBLE 10 1W 5%
△ FR501	0RF0101J607	R,FUSIBLE 1 1W 5%
△ FR601	0RF0511J607	R,FUSIBLE 5.10 1W 5%
△ FR602	0RF0102J607	R,FUSIBLE 10 1W 5%
△ FR901	0RF0101J607	R,FUSIBLE 1 1W 5%
R102	0RS4701H609	R,METAL FILM OXIDE 4.7K 1/2W 5

LOCA. NO	PART NO	DESCRIPTION
R103	0RD0752F609	R,CARBON FILM 75 1/6W 5
R104	0RD5601F609	R,CARBON FILM 5.6K 1/6W 5
R105	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R106	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R107	0RD0222F609	R,CARBON FILM 22 1/6W 5
R108	0RD1500F609	R,CARBON FILM 150 1/6W 5
R109	0RD6802F609	R,CARBON FILM 68K 1/6W 5
R110	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R111	0RD5102F609	R,CARBON FILM 51K 1/6W 5
R112	0RD5102F609	R,CARBON FILM 51K 1/6W 5
R113	0RD2701F609	R,CARBON FILM 2.7K 1/6W 5
R114	0RD3601F609	R,CARBON FILM 3.6K 1/6W 5
R115	0RD1002F609	R,CARBON FILM 10K 1/6W 5
R116	0RD7501F609	R,CARBON FILM 7.5K 1/6W 5
R117	0RD3301F609	R,CARBON FILM 3.3K 1/6W 5
R118	0RD1500F609	R,CARBON FILM 150 1/6W 5
R119	0RD6802F609	R,CARBON FILM 68K 1/6W 5
R12	0RD1002F609	R,CARBON FILM 10K 1/6W 5
R120	0RD3001F609	R,CARBON FILM 3.0K 1/6W 5
R121	0RD2700F609	R,CARBON FILM 270 1/6W 5
R122	0RS0332J607	R,METAL FILM OXIDE 33 1W 5%
R123	0RD0512H609	R,CARBON FILM 51 1/2W 5
R124	0RD0512H609	R,CARBON FILM 51 1/2W 5
R125	0RD0512H609	R,CARBON FILM 51 1/2W 5
R126	0RS1202J607	R,METAL FILM OXIDE 12K 1W 5%
R127	0RS4701H609	R,METAL FILM OXIDE 4.7K 1/2W 5
R13	0RD1502F609	R,CARBON FILM 15K 1/6W 5
R14	0RD1002F609	R,CARBON FILM 10K 1/6W 5
R15	0RD6803F609	R,CARBON FILM 680K 1/6W 5
R17	0RD3300F609	R,CARBON FILM 330 1/6W 5
R18	0RD1000F609	R,CARBON FILM 100 1/6W 5
R19	0RD1000F609	R,CARBON FILM 100 1/6W 5
R2	0RD4702F609	R,CARBON FILM 47K 1/6W 5
R201	0RD3900F609	R,CARBON FILM 390 1/6W 5
R202	0RD1201F609	R,CARBON FILM 1.2K 1/6W 5
R203	0RD2700F609	R,CARBON FILM 270 1/6W 5
R205	0RD4700F609	R,CARBON FILM 470 1/6W 5
R206	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R207	0RD4702F609	R,CARBON FILM 47K 1/6W 5
R208	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R209	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R21	0RD1302F609	R,CARBON FILM 13K 1/6W 5
R219	0RS0101J607	R,METAL FILM OXIDE 1 1W 5%
R22	0RD7501F609	R,CARBON FILM 7.5K 1/6W 5
R224	0RD3900F609	R,CARBON FILM 390 1/6W 5
R23	0RD9101F609	R,CARBON FILM 9.1K 1/6W 5
R23(B90)	0RD7501F609	R,CARBON FILM 7.5K 1/6W 5
R24	0RD1302F609	R,CARBON FILM 13K 1/6W 5
R24(B90)	0RD1502F609	R,CARBON FILM 15K 1/6W 5
R25	0RD4701F609	R,CARBON FILM 4.7K 1/6W 5
R25(B90)	0RD3001F609	R,CARBON FILM 3.0K 1/6W 5
R26	0RD3302F609	R,CARBON FILM 33K 1/6W 5
R27	0RD2702F609	R,CARBON FILM 27K 1/6W 5
R28	0RD1502F609	R,CARBON FILM 15K 1/6W 5
R29	0RD1502F609	R,CARBON FILM 15K 1/6W 5
R3	0RD4702F609	R,CARBON FILM 47K 1/6W 5
R30	0RD6801F609	R,CARBON FILM 6.8K 1/6W 5

LOCA. NO	PART NO	DESCRIPTION
R30(B90)	ORD1502F609	R,CARBON FILM 15K 1/6W 5
R301	ORD1500H609	R,CARBON FILM 150 1/2W 5
R302	ORD6801F609	R,CARBON FILM 6.8K 1/6W 5
R303	ORD2402F609	R,CARBON FILM 24K 1/6W 5
R304	ORD6802F609	R,CARBON FILM 68K 1/6W 5
R305	ORD3002F609	R,CARBON FILM 30K 1/6W 5
R306	ORD3302F609	R,CARBON FILM 33K 1/6W 5
R307	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R308	ORD8201F609	R,CARBON FILM 8.2K 1/6W 5
R308(B90)	ORD7501F609	R,CARBON FILM 7.5K 1/6W 5
R309	ORD0201H609	R,CARBON FILM 2.0 1/2W 5
R31	ORD3302F609	R,CARBON FILM 33K 1/6W 5
R310	ORD7502F609	R,CARBON FILM 75K 1/6W 5
R311	ORD0221H609	R,CARBON FILM 2.2 1/2W 5
R312	ORD1001H609	R,CARBON FILM 1.0K 1/2W 5
R313	ORD1001H609	R,CARBON FILM 1.0K 1/2W 5
R314	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R32	ORD5602F609	R,CARBON FILM 56K 1/6W 5
R33	ORD3902F609	R,CARBON FILM 39K 1/6W 5
R33(B90)	ORD3002F609	R,CARBON FILM 30K 1/6W 5
R34	ORD1802F609	R,CARBON FILM 18K 1/6W 5
R35	ORD5601F609	R,CARBON FILM 5.6K 1/6W 5
R36	ORD1603F609	R,CARBON FILM 160K 1/6W 5
R37	ORD8202F609	R,CARBON FILM 82K 1/6W 5
R38	ORD8200F609	R,CARBON FILM 820 1/6W 5
R39	ORD1003F609	R,CARBON FILM 100K 1/6W 5
R40	ORD4701F609	R,CARBON FILM 4.7K 1/6W 5
R40(B90)	ORD3002F609	R,CARBON FILM 30K 1/6W 5
R401	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R402	ORD3901F609	R,CARBON FILM 3.9K 1/6W 5
R404	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R405	ORD8201F609	R,CARBON FILM 8.2K 1/6W 5
R406	ORD0471F609	R,CARBON FILM 4.7 1/6W 5
R407	ORD3301F609	R,CARBON FILM 3.3K 1/6W 5
R408	ORS2701K607	R,METAL FILM OXIDE 2.70K 2W 5%
R41	ORD1003F609	R,CARBON FILM 100K 1/6W 5
R410	ORD5100F609	R,CARBON FILM 510 1/6W 5
R411	ORD5100F609	R,CARBON FILM 510 1/6W 5
△ R412	ORD3301H609	R,CARBON FILM 3.3K 1/2W 5
△ R413	ORN0470H609	R,METAL FILM 0.47 1/2W 5
R414	ORD3003F609	R,CARBON FILM 300K 1/6W 5
R415	ORD1202F609	R,CARBON FILM 12K 1/6W 5
R416	ORD6802F609	R,CARBON FILM 68K 1/6W 5
R417	ORD6802F609	R,CARBON FILM 68K 1/6W 5
△ R418	ORD1103H609	R,CARBON FILM 110K 1/2W 5
△ R419	ORD1002H609	R,CARBON FILM 10K 1/2W 5
R42	ORD1000F609	R,CARBON FILM 100 1/6W 5
△ R420	ORD4300H609	R,CARBON FILM 430 1/2W 5
△ R421	ORS2200H609	R,METAL FILM OXIDE 220 1/2W 5
△ R422	ORD0332H609	R,CARBON FILM 33 1/2W 5
R423	ORD1002F609	R,CARBON FILM 10K 1/6W 5
△ R424	ORS2202K607	R,METAL FILM OXIDE 22K 2W 5%
R426	ORD0752F609	R,CARBON FILM 75 1/6W 5
R427	ORS1502K607	R,METAL FILM OXIDE 15K 2W 5%
R428	ORS1502K607	R,METAL FILM OXIDE 15K 2W 5%
△ R429	ORD1801H609	R,CARBON FILM 1.8K 1/2W 5
R43	ORD1002F609	R,CARBON FILM 10K 1/6W 5

LOCA. NO	PART NO	DESCRIPTION
R43(B90)	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R430	ORS1502K607	R,METAL FILM OXIDE 15K 2W 5%
R44	ORD3602F609	R,CARBON FILM 36K 1/6W 5
R44(B90)	ORD1202F609	R,CARBON FILM 12K 1/6W 5
R45	ORD7502F609	R,CARBON FILM 75K 1/6W 5
R45(B90)	ORD9102F609	R,CARBON FILM 91K 1/6W 5
R48	ORD1000F609	R,CARBON FILM 100 1/6W 5
R49	ORD2000F609	R,CARBON FILM 200 1/6W 5
R5	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R50	ORD3902F609	R,CARBON FILM 39K 1/6W 5
R501	ORD5600F609	R,CARBON FILM 560 1/6W 5
R502	ORD2403F609	R,CARBON FILM 240K 1/6W 5
R503	ORD2002F609	R,CARBON FILM 20K 1/6W 5
R505	ORD9101F609	R,CARBON FILM 9.1K 1/6W 5
R506	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R508	ORD5600F609	R,CARBON FILM 560 1/6W 5
R509	ORD3903F609	R,CARBON FILM 390K 1/6W 5
R51	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R510	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R511	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R512	ORD3301F609	R,CARBON FILM 3.3K 1/6W 5
R513	ORD2201F609	R,CARBON FILM 2.2K 1/6W 5
R514	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R515	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R516	ORD7501F609	R,CARBON FILM 7.5K 1/6W 5
R517	ORS0332J607	R,METAL FILM OXIDE 33 1W 5%
R52	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R522	ORD7502F609	R,CARBON FILM 75K 1/6W 5
R525	ORD2200F609	R,CARBON FILM 220 1/6W 5
R526	ORD2200F609	R,CARBON FILM 220 1/6W 5
R527	ORD2200F609	R,CARBON FILM 220 1/6W 5
R529	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R53	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R530	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R531	ORD1200F609	R,CARBON FILM 120 1/6W 5
R532	ORD1600F609	R,CARBON FILM 160 1/6W 5
R533	ORD1600F609	R,CARBON FILM 160 1/6W 5
R534	ORD1600F609	R,CARBON FILM 160 1/6W 5
R535	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R536	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R537	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R538	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R54	ORD3001F609	R,CARBON FILM 3.0K 1/6W 5
R57	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R58	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R59	ORD2702F609	R,CARBON FILM 27K 1/6W 5
R60	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R601	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R603	ORD8200F609	R,CARBON FILM 820 1/6W 5
R605	ORD4302F609	R,CARBON FILM 43K 1/6W 5
R607	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R608	ORD3900F609	R,CARBON FILM 390 1/6W 5
R61	ORD1501F609	R,CARBON FILM 1.5K 1/6W 5
R613	ORD0222F609	R,CARBON FILM 22 1/6W 5
R617	ORD8201F609	R,CARBON FILM 8.2K 1/6W 5
R618	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R619	ORD1002F609	R,CARBON FILM 10K 1/6W 5

LOCA. NO	PART NO	DESCRIPTION
R620	ORD3301F609	R,CARBON FILM 3.3K 1/6W 5
R621	ORD0221H609	R,CARBON FILM 2.2 1/2W 5
R622	ORD0221H609	R,CARBON FILM 2.2 1/2W 5
R623	ORD8200H609	R,CARBON FILM 820 1/2W 5
R624	ORD8200H609	R,CARBON FILM 820 1/2W 5
R625	ORD1600F609	R,CARBON FILM 160 1/6W 5
R626	ORD0752F609	R,CARBON FILM 75 1/6W 5
R628	ORD3002F609	R,CARBON FILM 30K 1/6W 5
R629	ORD3301F609	R,CARBON FILM 3.3K 1/6W 5
R63	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R632	ORD0332F609	R,CARBON FILM 33 1/6W 5
R64	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R65	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R66	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R67	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R68	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R69	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R70	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R71	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R72	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R73	ORD4702F609	R,CARBON FILM 47K 1/6W 5
R74	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R76	ORD2401F609	R,CARBON FILM 2.4K 1/6W 5
R78	ORD1500F609	R,CARBON FILM 150 1/6W 5
△ R801	ORD2203H609	R,CARBON FILM 220K 1/2W 5
R802	ORD1502F609	R,CARBON FILM 15K 1/6W 5
R803	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R804	180-830N	RESISTOR RSR 7W 2.4K J PD
R807	ORS8201K607	R,METAL FILM OXIDE 8.20K 2W 5%
R808	ORD3900F609	R,CARBON FILM 390 1/6W 5
R809	ORS0222H609	R,METAL FILM OXIDE 22 1/2W 5
R81	ORD1002F609	R,CARBON FILM 10K 1/6W 5
R810	180-142F	R,CEMENT RWR 5W 2.2J
R811	180-344Q	R,CEMENT RWR 180 OHM 25W
R812	ORS5101H609	R,METAL FILM OXIDE 5.1K 1/2W 5
R813	ORS5601H609	R,METAL FILM OXIDE 5.6K 1/2W 5
R814	ORD4703H609	R,CARBON FILM 470K 1/2W 5
R815	180-A03C	RESISTOR RW RECT G 7W 2.20 J DOUBLE
R816	ORD1000F609	R,CARBON FILM 100 1/6W 5
R818	180-C02F	R,RC 1/2W 2.2M K
R82	ORD9102F609	R,CARBON FILM 91K 1/6W 5
R87	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R88	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R89	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R90	ORD1001F609	R,CARBON FILM 1.0K 1/6W 5
R901	ORS1202J607	R,METAL FILM OXIDE 12K 1W 5%
R901(B90)	ORS1502K607	R,METAL FILM OXIDE 15K 2W 5%
R902	ORS1202J607	R,METAL FILM OXIDE 12K 1W 5%
R902(B90)	ORS1502K607	R,METAL FILM OXIDE 15K 2W 5%
R903	ORS1202J607	R,METAL FILM OXIDE 12K 1W 5%
R903(B90)	ORS1502K607	R,METAL FILM OXIDE 15K 2W 5%
R907	ORD1303H609	R,CARBON FILM 130K 1/2W 5
R913	ORS1501H609	R,METAL FILM OXIDE 1.5K 1/2W 5
R914	ORS1501H609	R,METAL FILM OXIDE 1.5K 1/2W 5
R915	ORS1501H609	R,METAL FILM OXIDE 1.5K 1/2W 5
R93	ORD1803F609	R,CARBON FILM 180K 1/6W 5
R96	ORD4700F609	R,CARBON FILM 470 1/6W 5

LOCA. NO	PART NO	DESCRIPTION
VR101	180-F03H	R,SEMI-FIX(H) EVN-DJAA03 B103
VR201	0RV1202D230	R,VARIABLE 2.0K 6 ST P3 L2.5 5
VR301	180-F03J	R,SEMI-FIX(H) EVN-DJAA03 B203
VR401	180-F03C	R,SEMI FIX(H) EVN-DJAA03 B501
VR501	180-F03B	RESISTOR EVN-DJAA03 B301 SEMI-FIX(H)
VR502	180-F03B	RESISTOR EVN-DJAA03 B301 SEMI-FIX(H)
VR503	180-F03G	R,SEMI-FIX(H) EVN-DJAA03 B502
VR504	180-F03G	R,SEMI-FIX(H) EVN-DJAA03 B502
VR505	180-F03G	R,SEMI-FIX(H) EVN-DJAA03 B502
VR508	180-F03H	R,SEMI-FIX(H) EVN-DJAA03 B103
SWITCH		
SW1	140-275B	SWITCH,PUSH SWITCH (NOT LOCKING)
SW2	140-333A	SWITCH,TACT.2P,DC12V 50MA
SW3	140-333A	SWITCH,TACT.2P,DC12V 50MA
SW301	140-111A	SWITCH,SVC P12T21
SW4	140-333A	SWITCH,TACT.2P,DC12V 50MA
SW5	140-333A	SWITCH,TACT.2P,DC12V 50MA
SW501	140-111A	SWITCH,SVC P12T21
SW6	140-333A	SWITCH,TACT.2P,DC12V 50MA
MISCELLANEOUS		
D812	164-003D	VARISTOR,SVC 561D-14A
△ F801	131-033X	FUSE,125V 4A TIME LAG
△ F802	OFF1001A512	FUSE FAST BLOW,1.0A 125V 5.2X20
JA001(B90)	380-362B	JACK,RCA VIDEO:YL, AUDIO:WH
LW1	387-907H	CONNECTOR ASSY,1P MXH8610 450MM
△ P801	174-019A	CORD,POWER(W/HOLDER,HOUSING L=160)
△ P801(B90)	174-019C	CORD,POWER(W/HOLDER,HOUSING L=160)
RL801	141-018E	RELAY,DG12D1-0(M)-2 12V44MA
△ TH801	163-007A	THERMISTOR,PTH631D01BF7ROM140
X1	166-E05B	FILTER,RESO CST12.0MTW 12000-TF01
X401	166-E02L	FILTER,RESO CSB503F1 505.1
X501	156-A01B	CRYSTAL,3.579545 16PF 90 OHM
Z601	166-B02A	FILTER,B.P FILTER SFSH4.5MCB-TF21
Z101	6200VQB001A	FILTER(CIRC),SAW,SAF45MA210Z MURATA BULK
Z201	166-C02B	FILTER,TRAP TPS4.5MB-TF21
ACCESSORIES		
A1	3828VA0043C	MANUAL,NC-4JA,KOAX,LG
A1	482-H59T	OWNER'S MANUAL (LGEMS)
A1	482-H59U	OWNER'S MANUAL (LGEPS)
A2	6710V00011U	REMOTE CONTROLLER,NC-4JA(LG,W/O AV)
A2	6710V00011S	REMOTE CONTROLLER (A/V IN)
A2	105-207D	REMOTE CONTROLLER (W/O A/V)
A2-1	303-H35B	COVER,BATTERY(105-207 TX)
A3	132-204H	ANTENNA,ASSY ROD(STS,3SEC,F/L 650,BK)
A4	450-003A	ADAPTER,ANT (75/300)