

# NEC

**MODELS** N9902 F-1  
MultiSync 95F-1  
AccuSync 95F-1

COLOR MONITOR

## **SERVICE MANUAL**

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**Better Service**  
**Better Reputation**  
**Better Profit**

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**NEC/MITSUBISHI**

NEC-MITSUBISHI ELECTRIC VISUAL SYSTEMS



## WARNING

The SERVICE PERSONNEL should have the appropriate technical training knowledge and experience necessary to :

- Be familiar with specialized test equipment, and
- Be careful to follow all safety procedures associated with high voltage CRT circuit designs to minimize danger to themselves and their coworkers.

To avoid electrical chocks, this equipment should be used with an appropriate power cord and be connected only to a properly grounded AC outlet

This equipment utilized a micro-gap power switch. Turn off the monitor by first pushing the front panel power switch. Next, remove the power cord from the AC outlet.

To prevent fire or shock hazards, do not expose this unit to rain or moisture



This symbol warns the personnel that un-insulated voltage within the unit may have sufficient magnitude to cause electric shock.



This symbol alerts the personnel that important literature concerning the operation and maintenance of this unit has been included.

Therefore, it should be read carefully in order to avoid any problems.



## PRODUCT SAFETY CAUTION

1. When parts replacement is required for servicing, always use the manufacturer's specified replacement.
2. Comply with all caution and safety-related notes on the product display chassis and picture tube.
3. When replacing the component, always be certain that all the components are put back in the place.
4. When servicing display monitor unit, it is required that the provided lead dress is used in the high voltage circuit area.
5. It is also recommended that shatter proof goggles are worn, when removing, installing and handling the picture tube. People not equipped with the proper precautionary measures mentioned should keep the picture tube away from body while handling.
6. As for a connector, pick and extract housing with fingers properly since a disconnection and improper contacts may occur, when wires of the connector are led.
7. Use a proper screwdriver. If you use screwdriver that does not fit, you may damage the screws.

# CONTENTS

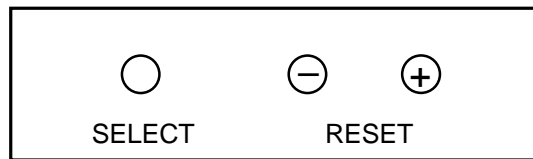
	<b>Page No.</b>
SPECIFICATIONS .....	1
CONTROLS .....	2
SERIAL NUMBER INFORMATION .....	4
DISASSEMBLY .....	5
ADJUSTMENT SPECIFICATIONS .....	6
TROUBLE SHOOTING .....	16
THEORY OF CIRCUIT DESCRIPTION .....	25
REPLACEMENT PARTS LIST	
1) MultiSync 95F .....	29
2) AccuSync 95F Difference List .....	54
BLOCK DIAGRAM .....	56
SCHEMATIC .....	57
1) Video Board .....	57
2) Main Board .....	58

## SPECIFICATIONS

Monitor Specifications	N9902 Monitor	Notes
Picture Tube Diagonal: Viewable: Image Size: Radius:	19 inch 18 inch 1360 mm	90° deflection, 0.26 mm dot pitch CRT, medium –short persistence phosphor, multi-layered anti static screen coating, semi-tint screen, Invar Shadow Mask and Opticlear screen surface.
Input Signal Video: Sync:	ANALOG 0.7Vp-p/75 Ohms Separate sync. Positive/Negative	
Display Color Analog input:	Unlimited number of Colors	Depends on display card used.
Synchronization Horizontal: Range Vertical:	31 kHz to 96 kHz 55 Hz to 160 Hz	Automatically Automatically
Resolutions Supported Resolution based on horizontal and vertical frequencies only	640 × 480 @ 60 to 160 Hz 800 × 600 @ 55 to 153 Hz 832 × 624 @ 55 to 144 Hz 1024 × 768 @ 55 to 105 Hz 1152 × 870 @ 55 to 105 Hz 1280 × 1024 @ 55 to 90 Hz ..... 1600 × 1280 @ 55 to 76 Hz	Some systems may not support all modes listed.  NMV cites recommended resolution at 85 Hz for optimal display performance.
Active Display Area (Factory Setting) Horizontal: Vertical:	356 mm/14.0 inches 267 mm/10.5 inches	Dependent upon signal timing used, And does not include border area.
Active Display Area (Full Scan)	366 mm/14.4 inches 274 mm/10.8 inches	Dependent upon signal timing used, And does not include border area.
Power Supply	AC 100 - 240V, 50-60Hz	
Current Rating	2.2A @ 100 - 240V	
Dimensions	442 mm (W) × 453 mm (H) × 455 mm (D) 17.4 inches (W) × 17.8 inches (H) × 17.9 inches (D)	
Weight	22.0 kg 48.5 lbs	
Environmental Considerations Operating Temperature: Humidity: Feet: Storage Temperature: Humidity: Feet:	0° C to + 35° C 30% to 80% 0 to 10,000 Feet -20° C to + 60° C 10% to 90% 0 to 45,000 Feet	

NOTE: Technical specifications are subject to change without notice.

## CONTROLS



On-screen display control buttons on the front of the monitor Function as follows:

- SELECT** Enters and exits the OSD menu and decides the icon.  
**CONTROL** - / + Selects one of the controls and increases or decreases the adjustment.  
**RESET** Resets the highlighted control to the factory Setting.



Adjusts the overall image and background screen brightness.



Adjusts the image brightness in relation to the background.

**R**

Red Color Control: Adjust the red contrast of the display.

**G**

Green Color Control: Adjust the green contrast of the display.

**B**

Blue Color Control: Adjust the blue contrast of the display.



Moves the image horizontally (left or right).



Moves the image vertically (up or down).



Increases or decreases the horizontal size of the image.



Increases or decreases the vertical size of the image.



Increases or decreases the curvature of the sides either inward or outward.



Increases or decreases the top of the screen to be the same as the bottom.



Increases or decreases the tilt of the sides either to the left or right.



Increases or decreases the curvature of the sides either to the left or right.



Rotates the entire display clockwise or counterclockwise.



**Degauss Control:** Eliminates the buildup of stray magnetic fields that alter the correct scan of the electron beams and affect the purity of the screen colors, focus and convergence. When activated, your screen image will jump and waver a bit as the screen is demagnetized.

**Caution: Please allow a minimum of 20 minutes to elapse between uses of the Degauss Control.**

**9300** This color setting is adjusted at the factory to the stated Kelvin



**OSD:** There are 3 background color (blue,black, and white). To choose background color, press SELECT button after the selection of OSD in "Icon select window".



**Horizontal Moire Canceler:** Reduces horizontal moire levels.



**Vertical Moire Canceler:** Reduces vertical moire levels.

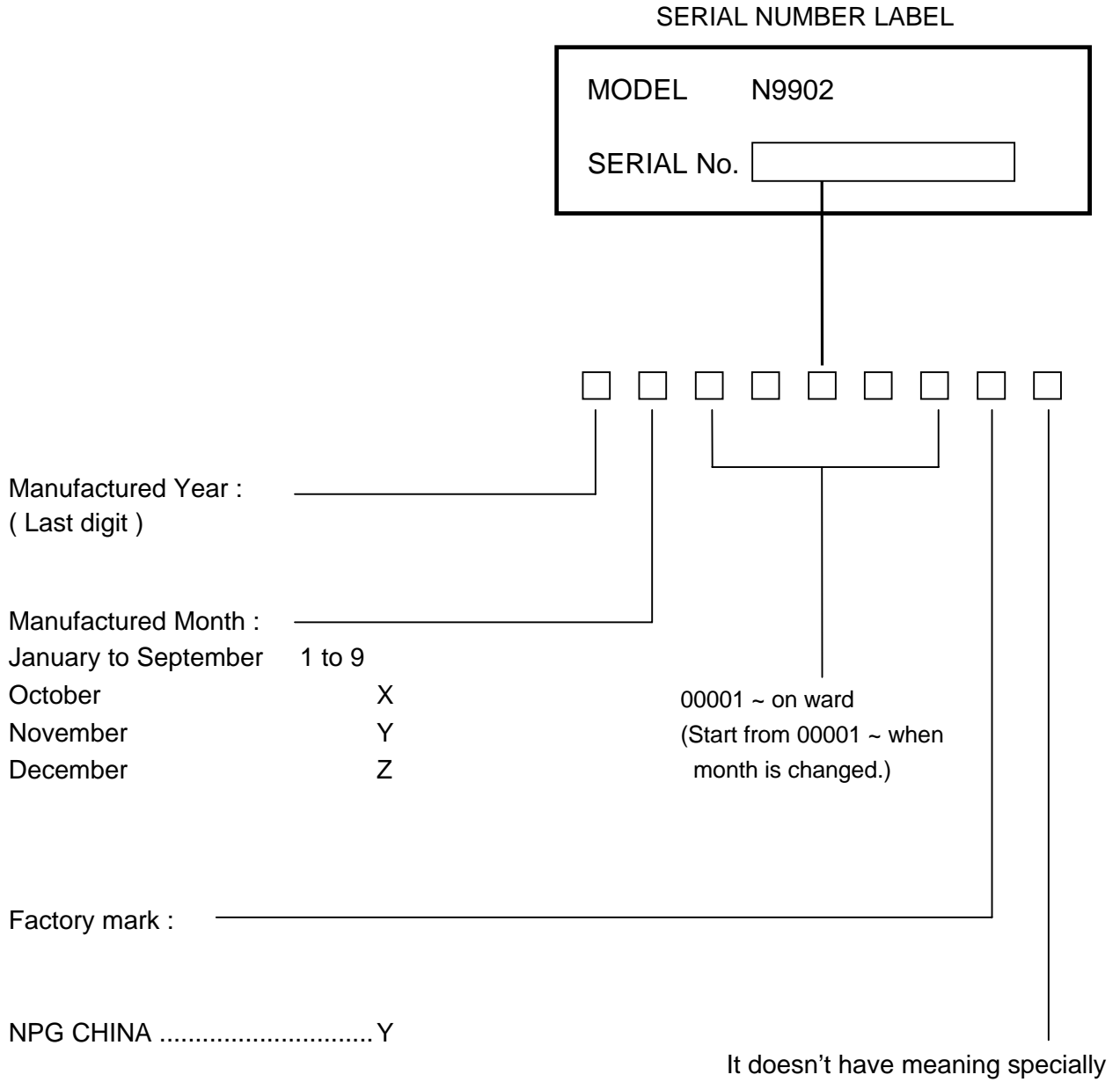


**EXIT:** To exit the OSD window. Select EXIT in "Icon select window", then push SELECT button to exit OSD window.

Note: If no buttons are pushed after 10 seconds while in OSD, the window will automatically disappear.

# SERIAL NUMBER INFORMATION

Refer to the serial number information shown below.



## DISASSEMBLY

- Before you disassemble the set, turn off power and pull out the power plug.
- Use a proper screwdriver. If you use screwdriver that does not fit, you may damage the screws.
- Disassembly is the opposite process of assembly.
- Carefully discharge the CRT anode potential by grounding to CRT ground harness before removing Anode Cap.



## EXPLANATION

1. Disassemble a screw like a picture.
2. Disconnect the GND wire (CRT coating earth wire) from MAIN BOARD ASSY and CRT BOARD ASSY. This model has three kinds of CRT. Depend on CRT, the GND wire assembly is some different. Be careful.
3. Disconnect the connector "S201", "S202", "S203", Coating earth connector, and screen lead from the CRT BOARD ASSY.
4. Disconnect the CRT BOARD ASSY from the CRT.
5. Disconnect the connector "S301", "S601", "S703", "S701", "S104" and "P102" from the MAIN BOARD ASSY.
6. Remove the Anode Cap from the CRT.

**NOTE:** Carefully discharge the CRT anode by shorting it to ground before removing Anode Cap.



# ADJUSTMENT SPECIFICATIONS

## TABLE OF CONTENTS

	<b>Page</b>
(1) Adjustment Tools .....	7
(2) Timing Table .....	7
(3) Definition for Normal Condition .....	7
(4) B+ Adjustment .....	7
(5) Free Run Adjustment .....	8
(6) H. V. Adjustment .....	8
(7) X-ray Test .....	8
(8) H-Center Adjustment .....	8
(9) H-Size Adjustment .....	8
(10) Mode 11 Pre-Adjustment .....	8
(11) G2 Voltage Adjustment(Raster Brightness Adjustment) .....	8
(12) Focus Adjust .....	9
(13) Convergence Adjust .....	9
(14) Automatically Adjust .....	9
(15) White Balance Adjustment .....	9
(16) White Balance Check and ABL Adjust .....	9
(17) Power Saving Test .....	10
(18) DCC 1/2B Test .....	10
(19) Timing Table .....	11

### Reference

Inspection of PnP communication and Writing EDID to EEPROM and inspection of PnP communication .....	14
1. Construction of System .....	14
2. EDID Write and Inspection Method .....	14
3. EDID Data File .....	15

## N9902 Adjustment Specifications

(1) Adjustment tools:

- |                       |  |
|-----------------------|--|
| (A) Color Analyzer    | (B) CHAROMA 2135 or Function Generator |
| (C) Multi meter       | (D) Hi-Pot Probe                       |
| (E) Convergence Meter | (F) Degauss Probe                      |
| (G) Power Meter       | (H) Automatic Alignment System         |
| (I) DDC test fixture  |  |

(2) TIMING TABLE(FACTORY MODE -14 MODES)

MODE	RESOLUTION	H-SYNC EREQ.	V-SYNC FREQ	H . POLARITY	V . POLARITY
1	VGA400	31.4kHz	70Hz	-	+
2	VGA640*480	31.4kHz	60Hz	-	-
3	640*480(75)	37.5kHz	75Hz	-	-
4	640*480(85)	43.2kHz	85Hz	-	-
5	800*600(75)	46.8kHz	75Hz	+	+
6	MAC 50K	49.7kHz	75Hz	-	-
7	800*600(85)	53.6kHz	85Hz	+	+
8	1024*768(75)	60.0kHz	75Hz	+	+
9	1280*1024(60)	64.0kHz	60Hz	+	+
10	1024*768(85)	68.6kHz	85Hz	+	+
11	1280*1024(75)	79.9kHz	75Hz	+	+
12	1280*1024(85)	91.1kHz	85Hz	+	+
13	1600*1200(75)	93.7kHz	75Hz	+	+
14	1024*768(60)	48.3kHz	60Hz	-	-
15	Free run Adj.	30.0kHz	69Hz	-	+
16	H.CENTERING,EHT	90.1kHz	85Hz	+	+

(3) Definition for Normal Condition:

- (A) INPUT AC VOLTAGE 110V/50HZ.
- (B) WARM UP TIME 30 MINUTES.
- (C) CROSSHATCH PATTERN.
- (D) ALL VR ADJ CENTER.
- (E) CRT FACE TO EAST DIRECTION
- (F) COLOR TEMP 9300K

(4) B+ Adjustment:

- (A) MODE: 60kHz 1240\*768(75)
- (B) PATTERN: CROSSHATCH
- (C) Adjustment: Adjust VR102 to make the cathode of D112 has 14.9V±0.1V on cathode.
- (D) CHECK: CHECK OTHER POWER SOURCE should be 82±2V,7.0±0.3V,  
47V±2V,-12.1V±0.5V.

- (5) FREE RUN Adjustment
- (A) MODE: 30kHz 70Hz
  - (B) Make TP6 to be short to the ground, and adjust VR306 to make the picture to the normal position.
- (6) H.V. Adjustment:
- (A) MODE: 90.1kHz 110Hz
  - (B) PATTERN: ALL BLACK(Brightness cut off)
  - (C) Adjustment: Adjust VR302 to make the high voltage has  $25.8 \pm 0.2$ KV
- (7) X-RAY test:
- (A) MODE: 90.1kHz 110Hz
  - (B) PATTERN: CROSSHATCH(Brightness just cut off)
  - (C) Test: a. Make TP1 and TP2 to be short circuit confirm the X-ray reactive.  
b. Reset the power.
- (8) H-CENTER Adjustment
- (A) MODE: 90.1kHz 110Hz
  - (B) PATTERN: CROSSHATCH
  - (C) Adjustment: Adjust VR301 to make raster is centrally on CRT
- (9) H-size Adjustment:
- (A) MODE: 53.7kHz 800\*600(85)
  - (B) PATTERN: CROSSHATCH
  - (C) Adjust H-SIZE, OSD set to Max, then adjust VR305 to make the full scan.
- (10) MODE 11 Pre-Adjustment:
- (A) MODE: 79.9kHz 1280\*1024(75)
  - (B) PATTERN: CROSSHATCH
  - (C) Adjust V-CENTER, H-SIZE, V-SIZE, PINCUSHION, TRAPEZOID, H-PHASE to make Picture Position Center and Picture Size 356\*267mm.
- (11) G2 Voltage adjustment (Raster Brightness adjustment)
- (A) MODE: 79.9kHz 1280\*1024(75)
  - (B) PATTERN: ALL BLACK
  - (C) Adjustment: a. WARM UP 30 min.  
b. Make External Degauss.  
c. Adjust SCREEN VR to  $560 \pm 10$ V  
d. CUT OFF Adjustment: Video signal off (0Vp-p), bright VR set to MAX, adjust VR304 VR (G1), at the brightness 1~1.5FL.( $4.2 \pm 0.8$  cd/m<sup>2</sup>)

(12) FOCUS Adjust:

- (A) Adjust H.parabola Vp-p by OSM H-Focus control.
  - > 53K H.para : 90% ~ 100%
  - < 53K H.para : 80% ~ 90%
  - Check T303 output Vp-p.
    - H.para : 350 Vp-p (Max. 500 Vp-p)
    - Hitachi V.para : 190 Vp-p (Max. 190 Vp-p)
    - Samsung V.para : 150 Vp-p (Max.150 Vp-p)
- (B) MODE: 79.9kHz 1280\*1024(75)
- (C) PATTERN: CROSSHATCH
- (D) Adjust Focus VR(S), horizontal line must be clearly. (FBT center VR)  
Adjust Focus VR(D), vertical line must be clearly. (FBT up VR)

(13) Convergence Adjust:

- (A) MODE: 79.9kHz 1280\*1024(75)
- (B) PATTERN: CROSSHATCH.
- (C) Adjustment: Use the convergence meter to check the spec. if can not follow the spec, adjust Yoke coil to make be follow the spec.

(14) Automatically adjust:

Adjust H-SIZE, V-SIZE, H-PHASE, V-PHASE, PINCUSHION, TRAPEZOID R.G.B. GAIN by factory product line automatic adjustment system(ER9300 ,ER2300)(Adjust NO. 1~14MODE).

H.SIZE :  $356 \pm 3$ mm

H.SIZE :  $267 \pm 2$ mm

H.POSI :  $\pm 2$ mm

H.POSI :  $\pm 2$ mm

(15) White Balance Adjustment (set VR304 in the central of VR)

- (A) MODE: 80kHz 1280\*1024
- (B) PATTERN: ALL BLACK
- (C) Make External Degauss
- (D) Video signal off (0Vp-p), Brightness set to Max, check screen at the brightness 1~1.5FL. ( $4.2 \pm 0.8$  cd/m<sup>2</sup>), or adjust VR304 at brightness 1~1.5FL. ( $4.2 \pm 0.8$  cd/m<sup>2</sup>)
  - X =  $0.283 \pm 0.01$
  - y =  $0.297 \pm 0.01$
  - Y =  $4.2 \pm 0.8$  cd/m<sup>2</sup>

(16) White Balance Check and ABL Adjust:

- (A) MODE: 80kHz 1280\*1024(75)
- (B) PATTERN: CENTER BLOCK(WINDOW)

(C) Contrast control set to Max and brightness control set to the center, adjust R.G.B. GAIN standard as below

$$\begin{aligned}9300K \quad x &= 0.283 \pm 0.010 \\ y &= 0.297 \pm 0.010 \\ Y &= 155 \pm 5 \text{ cd/m}^2\end{aligned}$$

$$\begin{aligned}7500K \quad x &= 0.300 \pm 0.010 \\ y &= 0.315 \pm 0.010 \\ Y &= 155 \pm 5 \text{ cd/m}^2\end{aligned}$$

$$\begin{aligned}6500K \quad x &= 0.315 \pm 0.010 \\ y &= 0.325 \pm 0.010 \\ Y &= 155 \pm 5 \text{ cd/m}^2\end{aligned}$$

(D) PATTERN: FULL WHITE 9300K.

(E) If they are out of spec, adjust to following:

BRIGHTNESS: Back raster is 0.2 cd/m<sup>2</sup> position

CONTRAST MAX: (MAX-5 digit )~(MAX)

Adjust R/G/B gain to be 9300K color due to about spec.

(F) When adjust 6500K and 7500K color; Akeep brightness and contrast max position to (E) condition. Adjust R/G/B/ GAIN to be 6500K color due to about spec..

(G) Adjustment: Brightness control and contrast control set to Max, adjust VR303 to Y=29~31FT-L(103±3cd/m<sup>2</sup>)

(17) POWER SAVING Test:

(A) MODE: 60kHz 1024\*768(75)

(B) PATTERN: ANY PATTERN.

(C) Adjustment:

- a. It should be into suspend mode when signal quit after 5 sec. 2<sup>nd</sup> the power output must be ≤15W. Check the LED color :Orange.
- b. It should be into power off mode when into suspend mode after 3sec. and the power output must be ≤5W. Check the LED color :Orange
- c. Transfer the signal and check the screen is normal. Check the LED color :Green

(18) DDC 1/2B Test:

(A) MODE: Any MODE.

(B) PATTERN: Any PATTERN.

(C) Scan bar code label and apply serial NO. to EDID Data.

## (19) TIMING TABLE

Preset Mode No.	1	2	3	4	5	6
	VGA	VGA	VESA	VESA	VESA	(MAC)
Signal Name	640*400	640*480	640*480 (75)	640*480 (85)	800*600 (75)	832*624 (75)
Resolution	640*400	640*480	640*480	640*480	800*600	832*624
Dot Clock (MHz)	25.175	25.175	31.500	36.000	49.500	57.283
fh (kHz)	31.47	31.469	37.50	43.269	46.875	49.725
fv (Hz)	70.09	59.940	75.00	85.008	75.00	74.550
Total (dot)	800	800	840	832	1056	1152
(uS)	31.78	31.778	26.667	23.111	21.333	20.111
Disp (dot)	640	640	640	640	800	832
(uS)	25.42	25.422	20.317	17.778	16.162	14.523
Front (dot)	16	16	16	56	16	32
(uS)	0.64	0.636	0.508	1.556	0.323	0.559
Sync Pulse (dot)	96	96	64	56	80	64
(uS)	3.18	3.813	2.032	1.556	1.616	1.117
Back (dot)	48	48	120	80	160	224
(uS)	1.91	1.907	3.810	2.222	3.232	3.910
Total (H)	449	525	500	509	625	667
(mS)	14.268	16.683	13.333	11.764	13.333	13.414
Disp (H)	400	480	480	480	600	624
(mS)	12.711	15.253	12.800	11.093	12.800	12.549
Front (H)	12	10	1	1	1	1
(mS)	0.381	0.318	0.027	0.023	0.021	0.020
Sync Pulse (H)	2	2	3	3	3	3
(mS)	0.064	0.064	0.080	0.069	0.064	0.060
Back (H)	35	33	16	25	21	39
(mS)	1.112	1.049	0.427	0.578	0.448	0.784
Interlace	NON	NON	NON	NON	NON	NON
Polarity (H/V)	NEG/POS	NEG/NEG	NEG/NEG	NEG/NEG	POS/POS	NEG/NEG
Composite Sync						
Composite Video						
Character Font	7*9	7*9	7*9	7*9	7*9	7*9
Serration	OFF	OFF	OFF	OFF	OFF	OFF
EQP	OFF	OFF	OFF	OFF	OFF	OFF

Preset Mode No.	7	8	9	10	11	12
	VESA	VESA	VESA	VESA	VESA	VESA
Signal Name	800*600 (85)	1024*768 (75)	1280*1024 (60)	1024*768 (85)	1280*1024 (75)	1280*1024 (85)
Resolution	800*600	1024*768	1280*1024	1024*768	1280*1024	1280*1024
Dot Clock (MHz)	56.250	78.750	108.000	94.5	135.0	157.5
fh (kHz)	53.674	60.023	63.981	68.677	79.976	91.146
fv (Hz)	85.061	75.029	60.020	85	75.025	85.024
Total (dot)	1048	1312	1688	1376	1688	1728
(uS)	18.631	16.660	15.630	14.561	12.504	10.971
Disp (dot)	800	1024	1280	1024	1280	1280
(uS)	14.222	13.003	11.852	10.836	9.481	8.127
Front (dot)	32	16	48	48	16	64
(uS)	0.569	0.203	0.444	0.508	0.119	0.406
Sync (dot)	64	96	112	96	144	160
(uS)	1.138	1.219	1.037	1.016	1.067	1.016
Back (dot)	152	176	248	208	248	224
(uS)	2.702	2.235	2.296	2.201	1.873	1.422
Total (H)	631	800	1066	808	1066	1072
(mS)	11.756	13.328	16.661	11.765	13.329	11.761
Disp (H)	600	768	1024	768	1024	1024
(mS)	11.179	12.795	16.005	11.183	12.804	11.235
Front (H)	1	1	1	1	1	1
(mS)	0.019	0.017	0.016	0.015	0.013	0.011
Sync (H)	3	3	3	3	3	3
(mS)	0.056	0.050	0.047	0.044	0.038	0.033
Back (H)	27	28	38	36	38	44
(mS)	0.503	0.466	0.594	0.524	0.475	0.483
Interlace	NON	NON	NON	NON	NON	NON
Polarity (H/V)	POS/POS	POS/POS	POS/POS	POS/POS	POS/POS	POS/POS
Composite Sync						
Composite Video						
Character Font	7*9	7*9	7*9	7*9	7*9	7*9
Serration	OFF	OFF	OFF	OFF	OFF	OFF
EQP	OFF	OFF	OFF	OFF	OFF	OFF

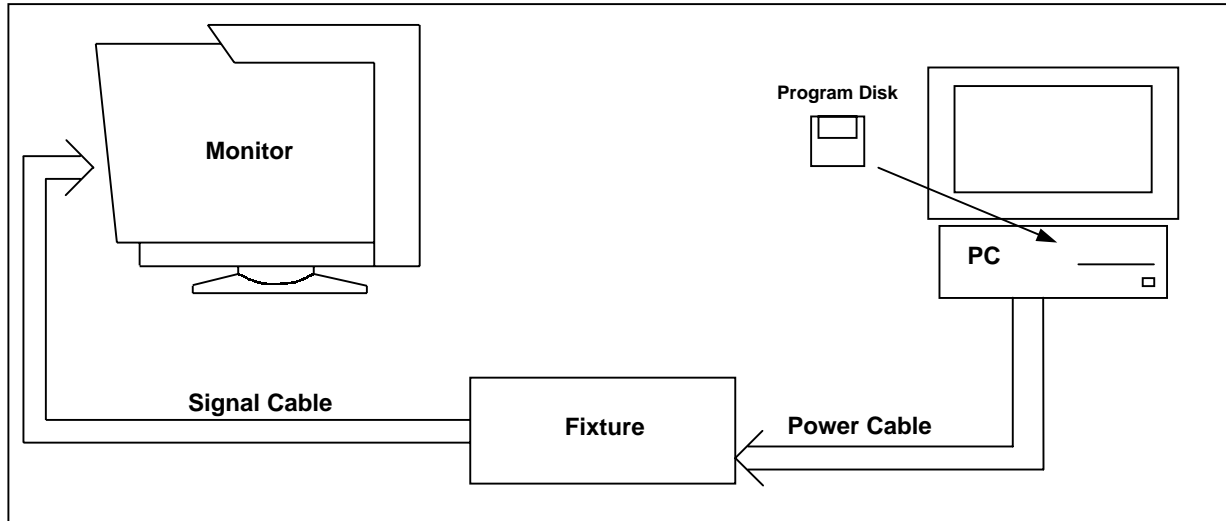
Preset Mode No.	13	14	15	16		
	VESA	VESA				
Signal Name	1600*1200 (75)	1024*768 (60)	FREE	H.CENT		
Resolution	1600*1200	1024*768	640*400	1280*102		
Dot Clock (MHz)	202.5	65.0	25.24	157.5		
fh (kHz)	93.75	48.36	30.05	91.146		
fv (Hz)	75	60	69.56	85.024		
Total (dot)	2160	1344	840	1728		
(uS)	10.667	20.68	33.278	10.971		
Disp (dot)	1600	1024	640	1280		
(uS)	7.901	15.75	25.357	8.127		
Front (dot)	64	24	16	64		
(uS)	0.316	0.37	0.631	0.406		
Sync (dot)	192	136	64	160		
(uS)	0.948	2.09	2.536	1.016		
Back (dot)	304	160	120	224		
(uS)	1.501	2.46	4.754	1.422		
Total (H)	1250	806	432	1072		
(mS)	13.333	16.667	14.376	11.761		
Disp (H)	1200	768	400	1024		
(mS)	12.800	15.880	13.311	11.235		
Front (H)	1	3	1	1		
(mS)	0.011	0.062	0.033	0.011		
Sync (H)	3	6	2	3		
(mS)	0.032	0.124	0.067	0.033		
Back (H)	46	29	29	47		
(mS)	0.491	0.600	0.956	0.483		
Interlace	NON	NON	NON	NON		
Polarity (H/V)	POS/POS	NEG/NEG	NEG/POS	POS/POS		
Composite Sync						
Composite Video						
Character Font	7*9	7*9	7*9	7*9		
Serration	OFF	OFF	OFF	OFF		
EQP	OFF	OFF	OFF	OFF		



## Write and Inspection for Plug and Play Communication

### 1. Construction of System

This system should be connected as shown below.



Note: PC clock speed should be below 266MHz. OS is PC-DOS.

Fixture Board can be connected directly to PC without Printer Cable.

### 2. EDID Write and Inspection Method

- 1) Run specified EDID write and Inspection program on PC-DOS mode.  
The monitor turns into the self test mode.
- 2) Run the specified EDID write and inspection program under PC-DOS mode.
- 3) Key in the serial No. or Scan serial No. bar code.
- 4) Press "Return" key to write the EDID data.
- 5) Press "F1" key to inspect DDC1 communication.
- 6) Press "F2" key to inspect DDC2 communication  
EDID DATA Format: Please refer the 3. EDID data File.

### 3. EDID data file

#### (1) EDID Serial No. Format

1) MS95F-1 Week of Manufacture (Month\*4)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	FF	00	38	A3	D2	5D	01	01	01
10	0F	0A	01	02	0C	25	1B	78	EA	CF	E8	A1	55	47	99	25
20	10	48	4C	FF	FF	80	31	59	45	59	61	59	71	4F	81	59
30	81	99	A9	4F	D1	40	86	3D	00	C0	51	00	30	40	40	A0
40	13	00	64	0B	11	00	00	1E	00	00	00	FD	00	37	A0	1F
50	60	18	00	0A	20	20	20	20	20	20	00	00	00	FC	00	4D
60	75	6C	74	69	53	79	6E	63	20	39	35	46	00	00	00	FF
70	00	30	34	30	30	30	30	31	59	41	0A	20	20	20	00	E1

Serial No Area 9bytes Check Sum

2) AS95F-1 Week of Manufacture (Month\*4)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	FF	00	38	A3	D0	5D	01	01	01
10	0F	0A	01	02	0C	25	1B	78	EA	CF	E8	A1	55	47	99	25
20	10	48	4C	FF	FF	80	31	59	45	59	61	59	71	4F	81	59
30	81	99	A9	4F	D1	40	86	3D	00	C0	51	00	30	40	40	A0
40	13	00	64	0B	11	00	00	1E	00	00	00	FD	00	37	A0	1F
50	60	18	00	0A	20	20	20	20	20	20	00	00	00	FC	00	41
60	63	63	75	53	79	6E	63	20	39	35	46	0A	00	00	00	FF
70	00	30	34	30	30	30	30	31	59	41	0A	20	20	20	00	68

Serial No Area 9bytes Check Sum

#### (2) Bar Code Format(code39)

Digit		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
Format	*	N	N	N	N	N	N	N	N	N	_	Y	M	S	S	S	S	S	F	R	*
Example	*	N	A	5	0	0	0	8	T	_	0	6	0	0	0	0	1	Y	A	*	

\*+Model Code + 1 space + Serial No. + \*

Serial No. Descriptions;

Y: Manufactured Year (Last digit) ex. 0 → 2000

M: Manufactured Month 1 ~ 9, X(October), Y(November), Z(December)

S: Serial No. ( 5digits) 00001 ~ onward (restart when month is changed)

F: Factory Code: Y is NPG China Factory

R: Product Revision code: start from A

EDID Code Input Procedure

ex.

- 1) Scan Bar code (20 digits) NA50008T\_9600001YA
- 2) Skip 9 digits then find the Serial No. 0600001YA
- 3) Make Year hex Code from Year digit 0 → 0Ah
- 4) Make Week hex Code from Month digit 6\*4 = 24 → 18h
- 5) Change Serial No. to ASCII code 30h 36h 30h 30h 30h  
30h 31h 59h 41h
- 6) Apply Serial No. Information to the default EDID code.
- 7) Download EDID from PC to Monitor.
- 8) DDC1 Inspection
- 9) DDC2B Inspection

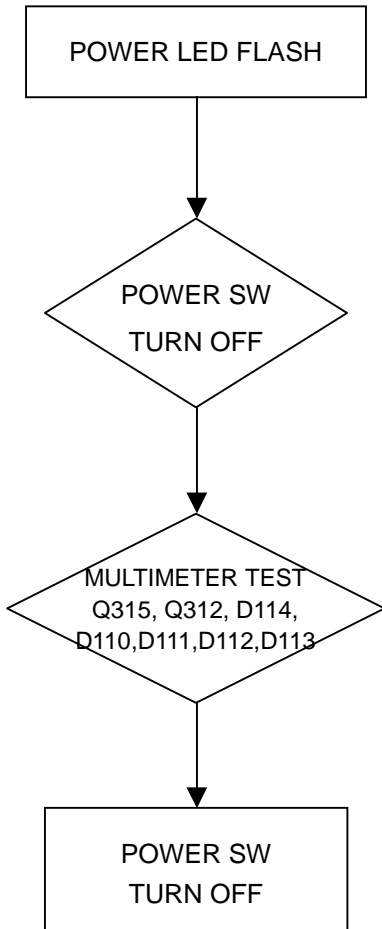
# TROUBLE SHOOTING

Refer to User's Manual trouble shooting section before using this chart.

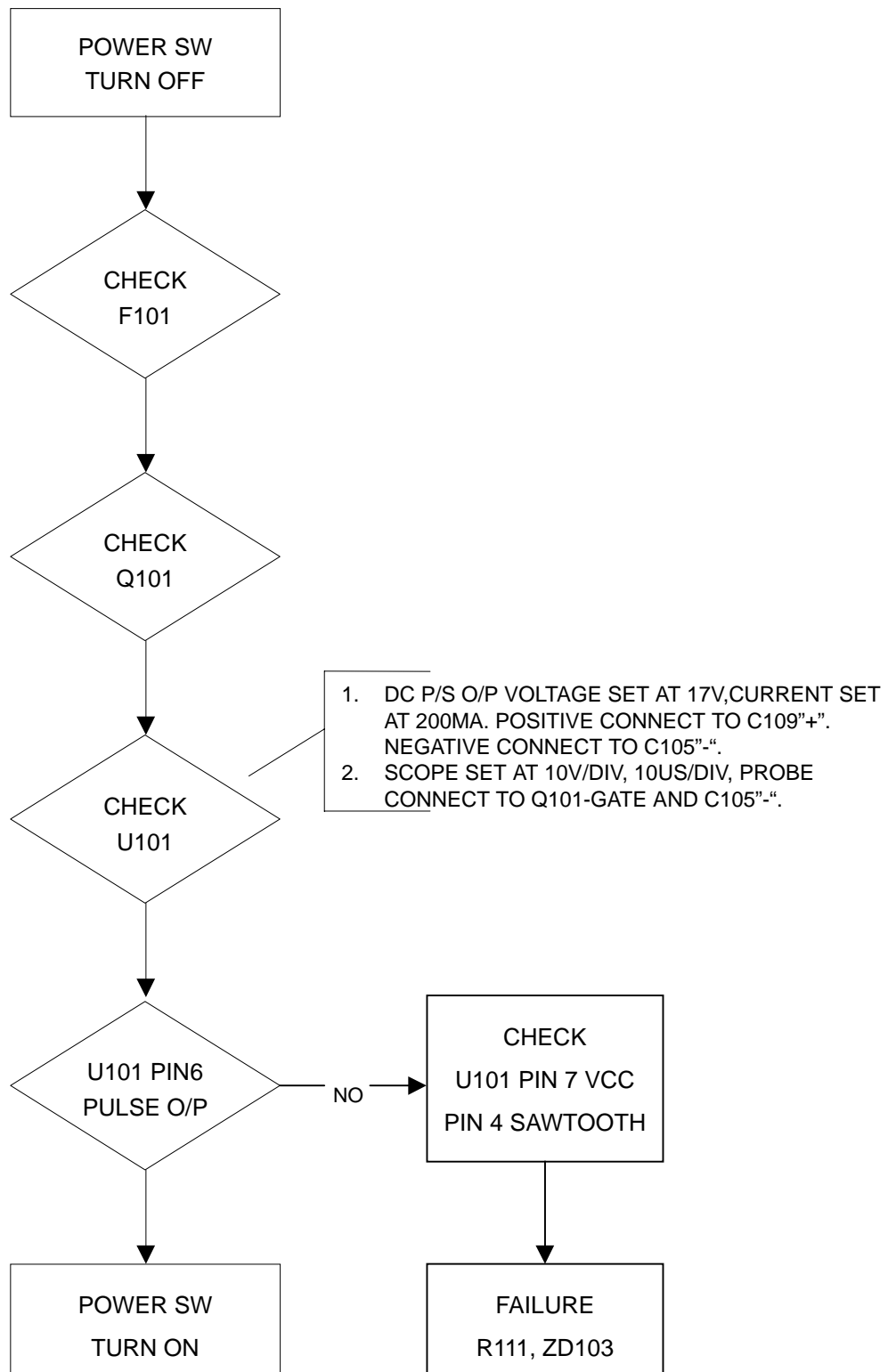
## TABLE OF CONTENTS

	<b>Page</b>
1.NO OPERATION, POWER LED FLASH .....	17
2.NO OPERATION, POWER LED OFF .....	18
3.VIDEO NOISE, UNSYNCHRONOUS .....	19
4 . NO VIDEO .....	20
5.NO RASTER .....	21
6.TROUBLE IN H.V SYNC .....	22
7.PINCUSHION POOR .....	23
8.FOCUS POOR .....	24

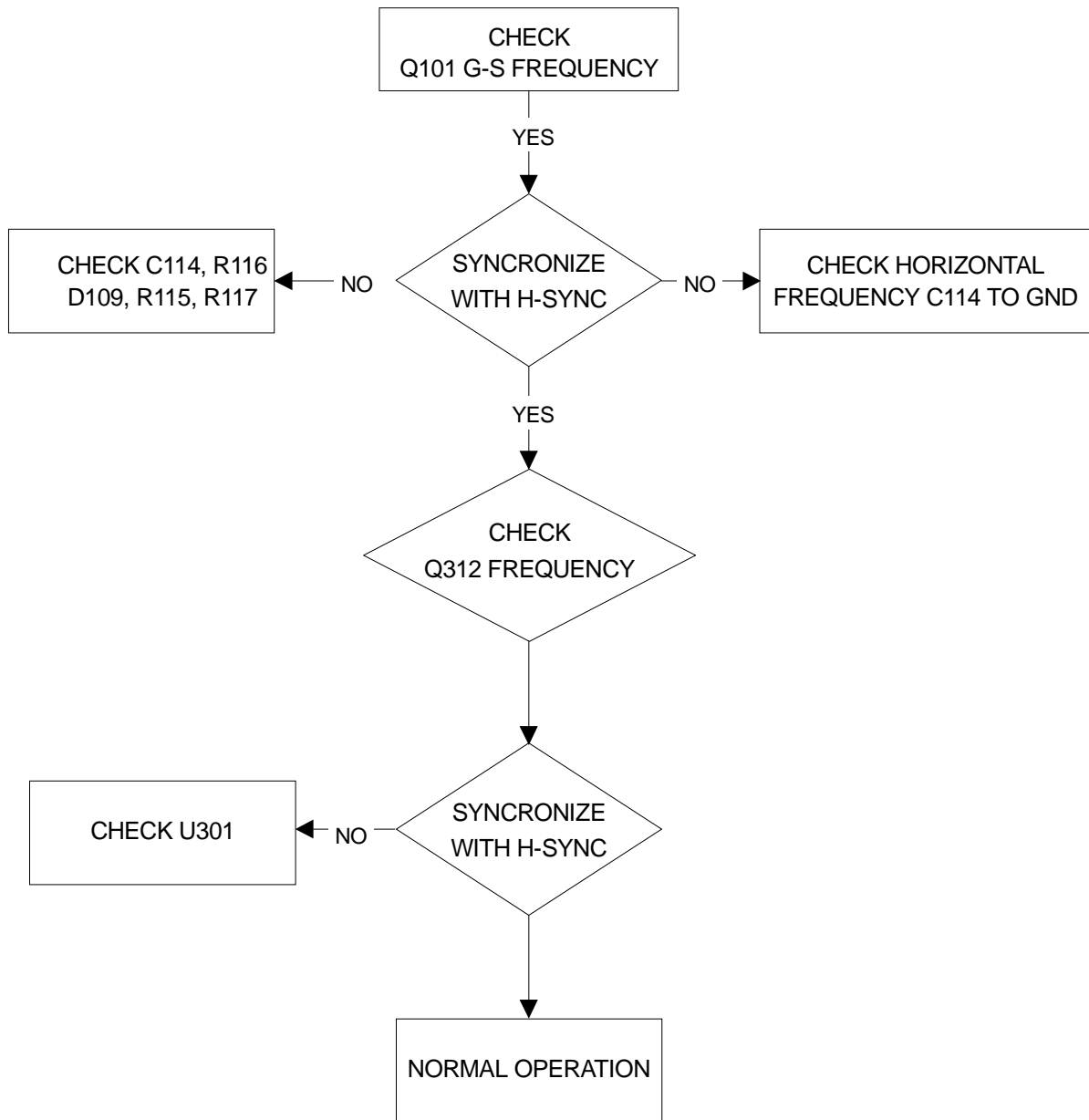
1. NO OPERATION, POWER LED FLASH



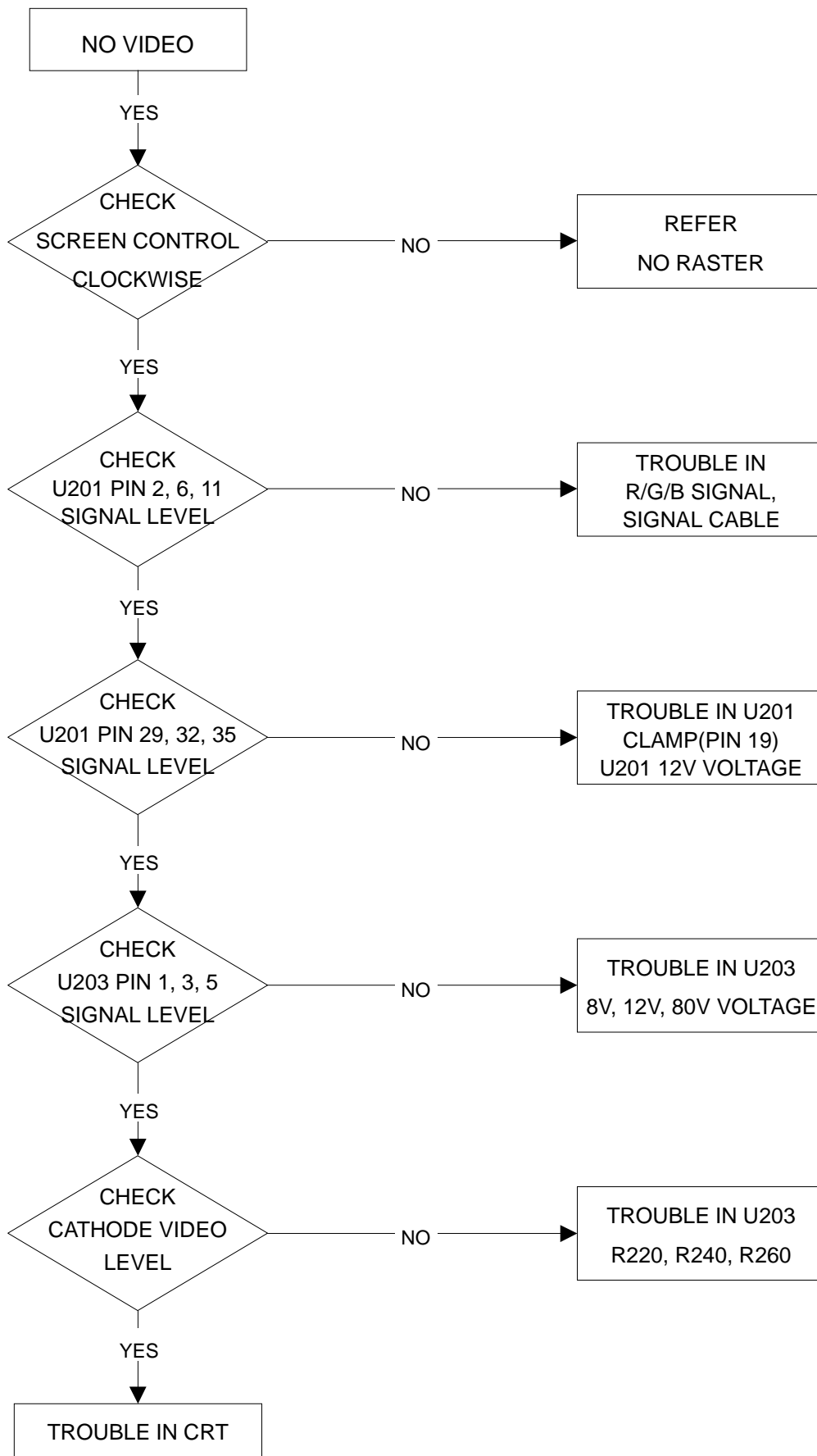
## 2. NO OPERATION, POWER LED OFF



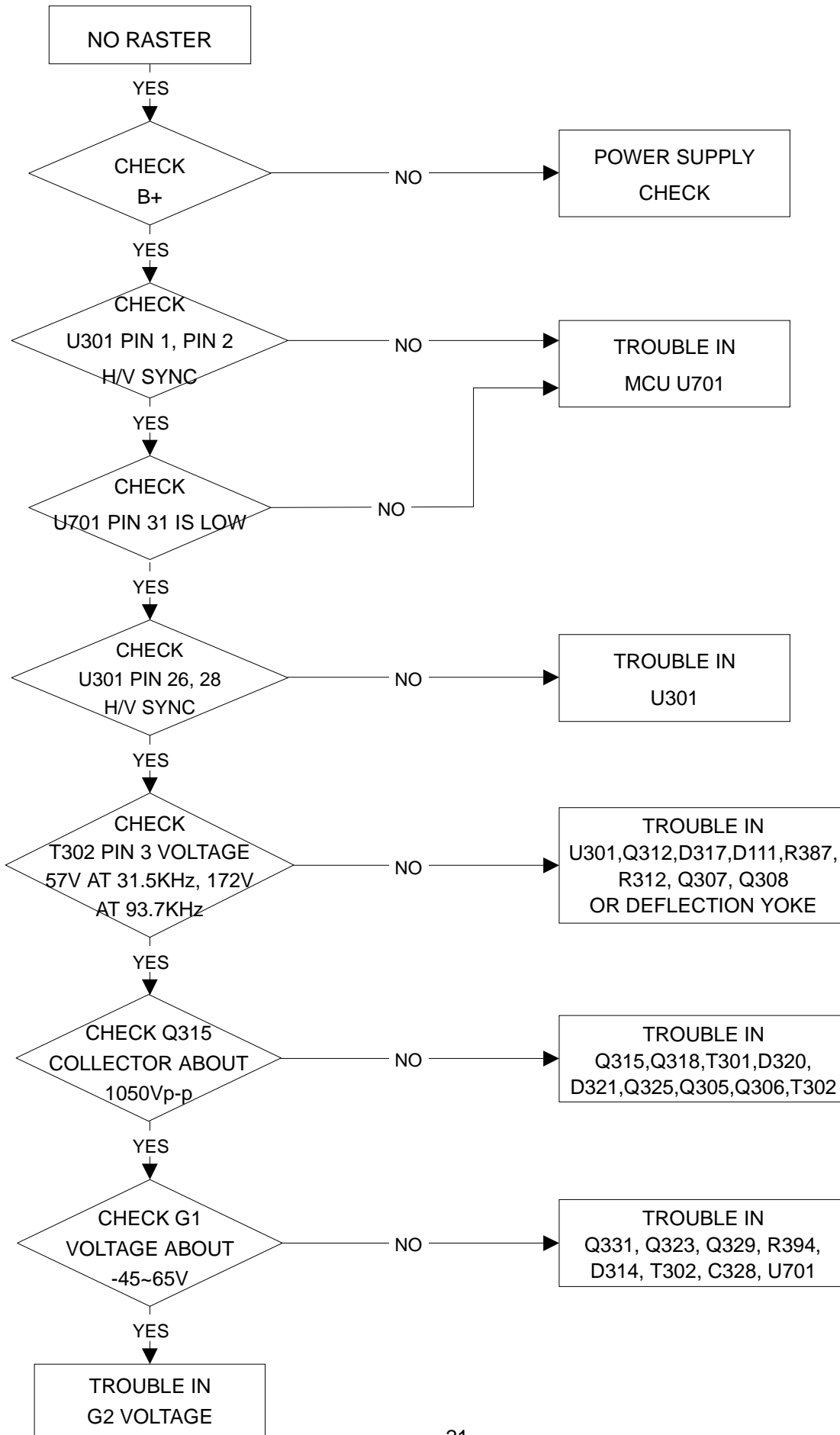
### 3. VIDEO NOISE, UNSYNCHRONOUS



#### 4. NO VIDEO

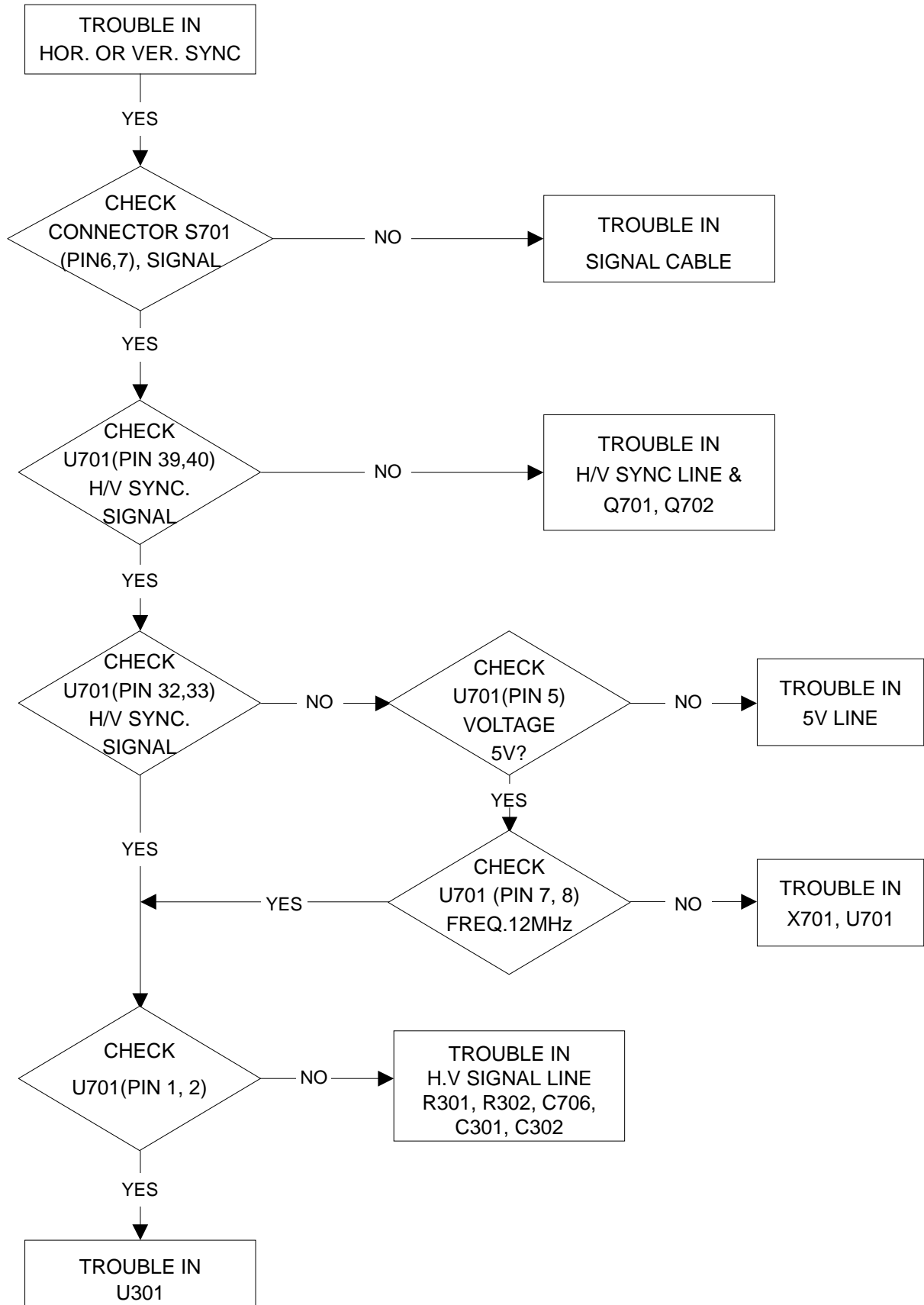


5. NO RASTER

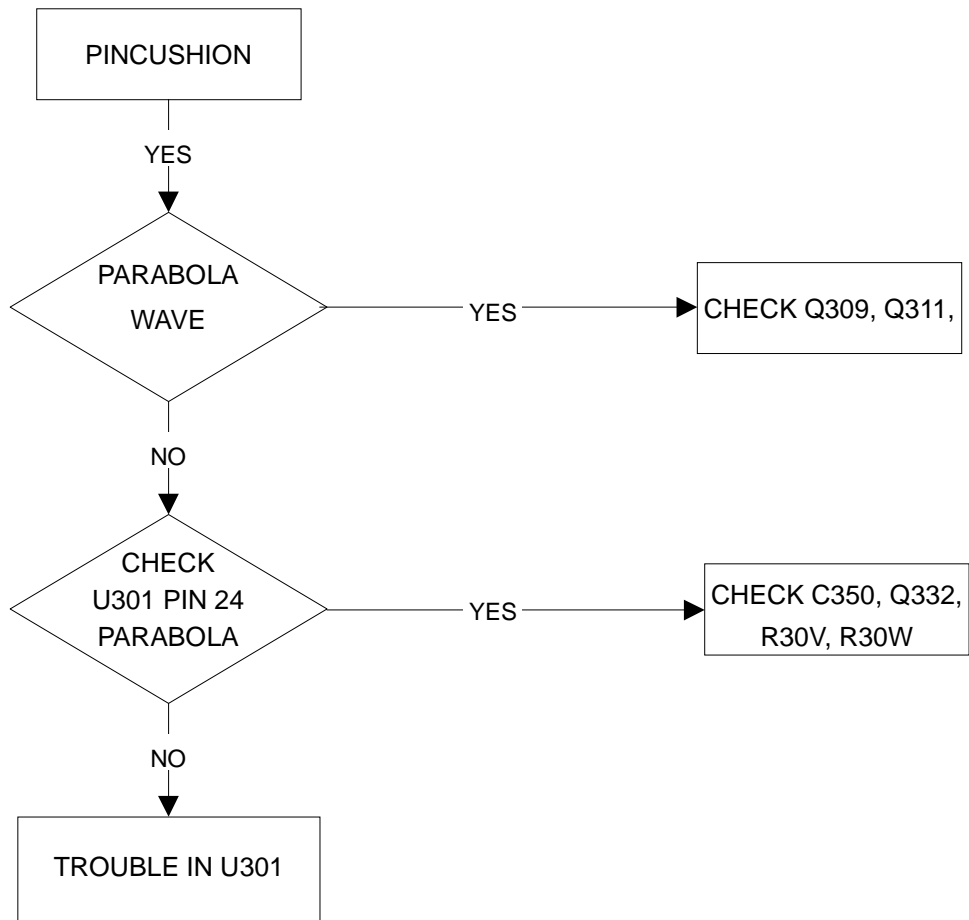




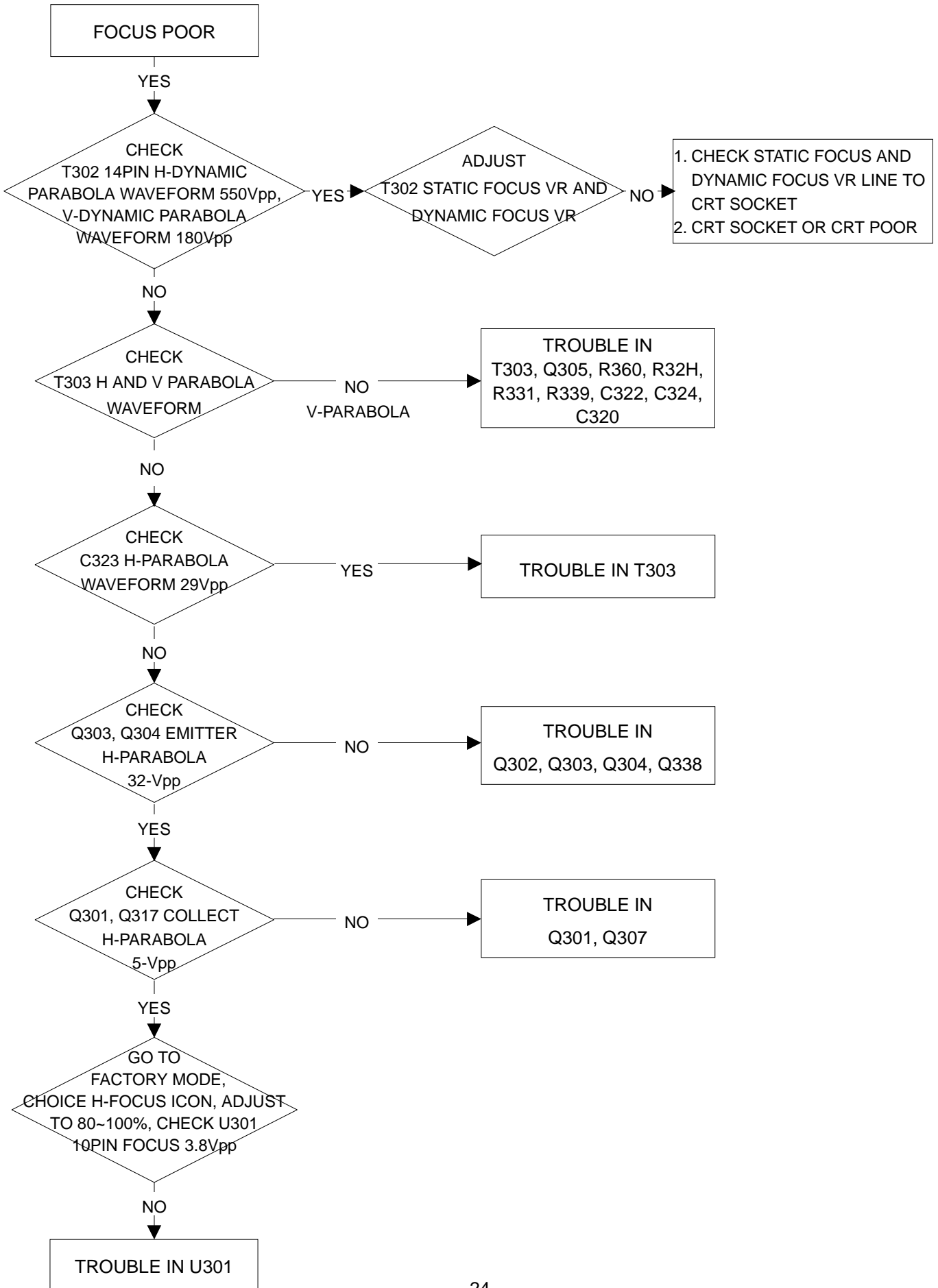
## 6. TROUBLE IN H. V SYNC



## 7. PINCUSHION POOR



8. FOCUS POOR



## N9902 Theory of circuit operation

This monitor contains the following blocks

	<b>Page</b>
1.Power Supply .....	26
2.Video Circuit & OSD .....	26
3.Micro Controller System .....	26
4.Vertical Deflection .....	27
5.Horizontal Deflection .....	27
6.FBT Secondary & Dynamic Focus .....	28

## 1. Power Supply

- (a) The filter network consists of L104, C101, C107, L101, L102, C103 and C104. The main function of this filter circuit is to eliminate the noise that is produced from monitor itself.
- (b) T101 is an energy converter which transfers the energy from primary winding to secondary load. R105, C112 and D105 are the snubber circuit and they function to absorb the spike to protect Q101.
- (c) U101 is a pulse width modulation IC which supplies the drive pulse to Q101. The sync pulse is got from FBT secondary to ensure the power supply and horizontal deflection are synchronized.
- (d) D110, D111, D112, D113, D114 are output rectifier diodes which are filtered by C119, C120, C121, C122 and C143. The output voltage will supply and control all the deflection circuit.
- (e) DC to DC step-up PWM is output from U301 pin28. This waveform through Q307 and Q308 to drive the Q312. This pulse width is varied with horizontal frequency, and then the DC voltage is difference of FBT pin3.

## 2. Video Circuit & OSD

The video amplifier system is consist of the Pre-Amplifier, the Video-Power-Amplifier, and the cutoff-Voltage circuit.

- (a)The U201 (M52743B) is a three channel video pre-amplifier IC, that controlled by MCU IIC bus for the features of contrast, output DC level, 3 SUB gain controls (R-Gain, G-Gain, B-Gain).
- (b)U201 PIN 19 need a positive pulse for clamping and PIN 27 also need a positive pulse for blanking.
- (c)The OSD mixer processes are on pin 2, 3, 4, and the OSD Blk input on pin 1.
- (d)The Video-Power-Amplifier U203 (LM2435) is a three channel hybrid IC which functions as a cascade type transistor amplifier to reach the high bandwidth performance.
- (e)The Cutoff- Adjusting circuit is consist of Q211, Q212, Q231, Q232, Q251 and Q252 to provide the function of background white-balance.
- (f)The U202 (MTV021N-38) is a OSD generator outputs the R. G. B. and FBLK signals that MCU shows the monitor's status and the user adjusting indications. This IC is synchronized by horizontal and vertical sync input on pin 5 and pin 10.

## 3. Micro Controller System

- (a)The MCU U701 (MTV212) provides the following functions:
  - (1) Output 10 PWM to adjust the voltage controlled functions such as H-SIZE, BRIGHTNESS, ROTATION.
  - (2) When MCU detected the power saving signal, two outputs pin 28 and pin29 will change the Hi/Lo state to control the power saving circuit.
  - (3) There has 4 outputs (SW1~SW3, HF/S) to control the H-SIZE, when MCU detected the different sync, the SW1~SW3, HF/S will change its Hi/Lo state.
  - (4) There still has 4 CS outputs used to control the S-correction capacitor for horizontal deflection stage.
  - (5) Pin 33 and pin 32 provides the always positive polarity H-SYNC and V-SYNC.

	SW1	SW2	SW3	HF/S
$fH < 52.0k$	H	H	H	L
$52.0k \leq fH < 74.0k$	L	H	H	H
$74.0k \leq fH < 83.0k$	L	L	H	H
$83.0k \leq fH < 96.5k$	L	L	L	H
$96.5k \geq fH$	H	H	H	H

Mode	State	Input		Output								
		Sync		Sync		Mute	PS		CS			
		H	V	H	V		1	2	1	2	3	4
User	ON	Pulses	Pulses	Pulse	Pulse	L	H	H	Depend on fH			
	Stand By	No pulses	Pulses	L	L	H	L	H	L	L	L	L
	Suspend	Pulses	No pulses	L	L	H	L	H	L	L	L	L
	PMS OFF	No pulses	No pulses	L	L	H	L	L	L	L	L	L
Factory	ON	Pulses	Pulses	Pulses	Pulses	L	H	H	Depend on fH			
	Stand By	No pulses	Pulses	L	L	L	H	H	L	L	L	L
	Suspend	Pulses	No pulses	L	L	L	H	H	L	L	L	L
	PMS OFF	No pulses	No pulses	L	L	L	H	H	L	L	L	L

Mode	State	Input		Output					
		Sync		Sync		Rotation	SW		
		H	V	H	V	DAC	1	2	3
User	ON	Pulses	Pulses	Pulse	Pulse	Adj. data	Depend on fH		
	Stand By	No pulses	Pulses	L	L	107/255	H	H	H
	Suspend	Pulses	No pulses	L	L	107/255	H	H	H
	PMS OFF	No pulses	No pulses	L	L	0/255	H	H	H
Factory	ON	Pulses	Pulses	Pulses	Pulses	Adj. data	Depend on fH		
	Stand By	No pulses	Pulses	L	L	Adj. data	H	H	H
	Suspend	Pulses	No pulses	L	L	Adj. data	H	H	H
	PMS OFF	No pulses	No pulses	L	L	Adj. data	H	H	H

(b)The U702 is an EEPROM IC which stores the parameters of each mode and the user adjusting result and also DDC data. It is controlled by IIC bus from MCU.

#### 4. Vertical Deflection

(a)Vertical deflection Saw-tooth waveform is provided by U301, pin 23, and amplified by U401 TDA8172.

(b)A voltage multiplier connected to pin 3 and pin 6, consists of D402, C409 to avoid flyback scanning line appeared during the vertical flyback period.

(c)U301 (TDA9111) pin 21 provides a DC level as a V-Position control voltage.

(d)U401 pin 5 is output to drive vertical yoke.

#### 5. Horizontal Deflection

(a)U301 is a horizontal signal processing IC. Horizontal Driver signal is output from pin 26 of U301 TDA9111 and through Q333, Q334 to drive Q316 and T301.

(b)T301 is an on/off type driver transformer. It functions to convert primary energy to secondary, and drive the horizontal output transistor Q315, R369 and C363 are the snubber.

(c) Horizontal linearity compensation circuit:

- (1) The main component is that L303 is Linearity coil and L302 is choke, when the horizontal  $< 52K$  only L301 on and L302 off, when the horizontal  $> 52K$ , L301, L302 all on. Compensation circuit is consists of L301, L302, RL301 and Q322.
- (2) The control voltage is from U701 pin 30, it varied with horizontal frequency. When the horizontal frequency  $> 52K$ , U701 pin 36 output voltage is high and L302 is on, the horizontal frequency  $< 52K$  U701 pin 30 output voltage is low and the L302 is off.
- (3) C344 is the Cs capacitor, and Q324 controls C345, Q326 controls C347, Q325 controls C346, Q327 controls C348. The U701 pin 1, 2, 3, 4 controls the Q324, Q326, Q325 and Q327 respectively. So different frequency has different combination to meet the requirement.

Cs Table By Frequency				
	CS1	CS2	CS3	CS4
$FH < 30K$	0	0	0	0
$30K \leq fH < 34K$	0	0	0	0
$34K \leq fH < 36.5K$	0	0	1	0
$36.5K \leq fH < 45K$	0	1	1	0
$45K \leq fH < 52K$	1	0	0	1
$52K \leq fH < 62.5K$	1	1	0	1
$62.5K \leq fH < 67K$	0	0	1	1
$67K \leq fH < 74K$	1	0	1	1
$74K \leq fH < 83K$	1	1	1	1
$83K \leq fH \leq 96.5K$	1	1	1	1
$96.5 < fH$	1	1	1	1

## 6. FBT Secondary & Dynamic Focus

- (a) Focus and screen voltage are come from FBT bleeder.
- (b) G1 bias is controlled through R399, VR304, R308, R30K, R30F, Q323 and Q331.
- (c) Q329 is controlled by MCU pin 31 Mute 2, and it will blank the picture during mode change.
- (d) Q401 is the blanking buffer to G1 to blank the retrace line of picture.
- (e) R318, R322, R305, D302, ZD301, Q339 and Q340 are the x-ray protection circuit. Once the HV rises abnormally, U301 win shut down itself, all the horizontal deflection is stopped by then.
- (f) Dynamic Focus:
  - (1) H-Focus: U301 pin 10 outputs a parabolic waveform and through Q302 into Q338 to get a reverse amplified waveform. This waveform is through the SEPP Q303 and Q304, as a current gain then input into T303.
  - (2) V-Focus: U401 pin 5 output waveform through R329, C322, R32G and C324 to get a parabolic waveform. This waveform is amplified by Q305 and input into T303.
  - (3) H-Focus and V-Focus are into T303 to get a combined waveform that will input to FBT.

## Replacement Parts List

### 1) MultiSync 95F

H: HITACHI, S: Samsung, A: A ver., B: B ver.

	ASSY CODE	PART NO	DESCRIPTION	LOCATION	Q'TY	ALT	REMARK
1	BRACKET(PWB)ASSY	12000381	BRACKET(PWB,D)		1		
2	BRACKET(PWB)ASSY	12000491	BRACKET(PWB,A)		1		
3	BRACKET(PWB)ASSY	12000501	BRACKET(PWB,BL)		1		
4	BRACKET(PWB)ASSY	12000511	BRACKET(PWB,BR)		1		
5	BRACKET(PWB)ASSY	12000521	BRACKET(PWB,C)		1		
6	BRACKET(PWB)ASSY	14000071	SCREW (PL-CPTS*3*8*15BF)		6		
7	CABINET FRONT ASSY	10101191	CABINET FRONT		1		A
8	CABINET FRONT ASSY	10101411	CABINET FRONT		1		B
9	CABINET FRONT ASSY	11300501	PUSH BUTTON (CONTROL)		1		
10	CABINET FRONT ASSY	11300641	PUSH BUTTON (SW)		1		
11	CABINET FRONT ASSY	11600221	LENS		1		
12	CABINET FRONT ASSY	13000011	COIL SPRING		1		
13	CABINET FRONT ASSY	10101411	CABINET FRONT		1		
14	CABINET FRONT ASSY	11300501	PUSH BUTTON (CONTROL)		1		
15	CABINET FRONT ASSY	11300641	PUSH BUTTON (SW)		1		
16	CABINET FRONT ASSY	11600221	LENS		1		
17	CABINET FRONT ASSY	13000011	COIL SPRING		1		
18	CNT BOARD A/I	GA210555	ELECT 105oC/T 1u/50V M	C150	1		
19	CNT BOARD A/I	GA347635	ELECT 85oC/T 47u/25V M	C152	1		
20	CNT BOARD A/I	EJ044148	DIODE "T" 1N4148	D120	1		
21	CNT BOARD A/I	EJ044148	DIODE "T" 1N4148	D121	1		
22	CNT BOARD A/I	80003841	DIODE 1A/20V UF4003 D041(CHENMKO)	D122	1		
23	CNT BOARD A/I	80010361	BASE PIN 7P 2.54 L-TYPE	P102	1		
24	CNT BOARD A/I	R0224127	BASE PIN 4P+HOUSING P=2.5	P103	1		
25	CNT BOARD A/I	72000591	PCB HARMONIC CNT BOARD	PCB2	1		
26	CNT BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q120	1		
27	CNT BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q120	OR		
28	CNT BOARD A/I	EBA07336	TR PNP 2SA733P TO-92(T)	Q121	1		
29	CNT BOARD A/I	80003241	TR PNP KTA733 TO-92(T)	Q121	OR		
30	CNT BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q122	1		
31	CNT BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q122	OR		
32	CNT BOARD A/I	FA040333	CARBON 1/8W(T) 5% 33K	R173	1		
33	CNT BOARD A/I	FA040333	CARBON 1/8W(T) 5% 33K	R174	1		
34	CNT BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R175	1		
35	CNT BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R176	1		
36	CNT BOARD A/I	FA330820	CARBON 1/2W(T) 5% 82ohm	R177	1		
37	CNT BOARD A/I	EKA00607	ZEN DIODE 1/2W(T) HZS6C2(HITACHI)	ZD120	1		
38	CRT BOARD A/I	HC006002	BEAD 3.5X4.7/T	B201	1		
39	CRT BOARD A/I	HC006003	BEAD 3.5X8/T	B202	1		
40	CRT BOARD A/I	HC006002	BEAD 3.5X4.7/T	B231	1		
41	CRT BOARD A/I	HC006002	BEAD 3.5X4.7/T	B251	1		
42	CRT BOARD A/I	HC006002	BEAD 3.5X4.7/T	B271	1		
43	CRT BOARD A/I	HC006002	BEAD 3.5X4.7/T	B2C1	1		
44	CRT BOARD A/I	GA333555	ELECT 85oC/T 3.3u/50V M	C211	1		
45	CRT BOARD A/I	GB710353	CERAMIC Y5P(B)/T 0.01u/50V K	C212	1		
46	CRT BOARD A/I	GA347625	ELECT 85oC/T 47u/16V M	C213	1		
47	CRT BOARD A/I	GA410575	ELECT NP/T 1u/100V M	C214	1		
48	CRT BOARD A/I	GB910358	CERAMIC Z5V(F)/T 0.01u/50V Z	C215	1		
49	CRT BOARD A/I	GA210595	ELECT 105oC/T 1u/100V M	C216	1		
50	CRT BOARD A/I	GA333555	ELECT 85oC/T 3.3u/50V M	C231	1		
51	CRT BOARD A/I	GB710353	CERAMIC Y5P(B)/T 0.01u/50V K	C232	1		
52	CRT BOARD A/I	GA347625	ELECT 85oC/T 47u/16V M	C233	1		



53	CRT BOARD A/I	GA410575	ELECT NP/T 1u/100V M	C234	1		
54	CRT BOARD A/I	GB910358	CERAMIC Z5V(F)/T 0.01u/50V Z	C235	1		
55	CRT BOARD A/I	GA210595	ELECT 105oC/T 1u/100V M	C236	1		
56	CRT BOARD A/I	GA333555	ELECT 85oC/T 3.3u/50V M	C251	1		
57	CRT BOARD A/I	GB710353	CERAMIC Y5P(B)/T 0.01u/50V K	C252	1		
58	CRT BOARD A/I	GA347625	ELECT 85oC/T 47u/16V M	C253	1		
59	CRT BOARD A/I	GA410575	ELECT NP/T 1u/100V M	C254	1		
60	CRT BOARD A/I	GB910358	CERAMIC Z5V(F)/T 0.01u/50V Z	C255	1		
61	CRT BOARD A/I	GA210595	ELECT 105oC/T 1u/100V M	C256	1		
62	CRT BOARD A/I	GB710253	CERAMIC Y5P(B)/T 1000P/50V K	C260	1		
63	CRT BOARD A/I	GB7101F3	CERAMIC Y5P(B)/T 100P/500V K	C261	1		
64	CRT BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C272	1		
65	CRT BOARD A/I	GB710353	CERAMIC Y5P(B)/T 0.01u/50V K	C273	1		
66	CRT BOARD A/I	GA422555	ELECT NP/T 2.2u/50V M	C274	1		
67	CRT BOARD A/I	GB610153	CERAMIC SL/T 100P/50V K	C275	1		
68	CRT BOARD A/I	GA210655	ELECT 105oC/T 10u/50V M	C276	1		
69	CRT BOARD A/I	GA210555	ELECT 105oC/T 1u/50V M	C277	1		
70	CRT BOARD A/I	GB610153	CERAMIC SL/T 100P/50V K	C280	1		
71	CRT BOARD A/I	GA247625	ELECT 105oC/T 47u/16V M	C281	1		
72	CRT BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C282	1		
73	CRT BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C283	1		
74	CRT BOARD A/I	GA322725	ELECT 85oC/T 220u/16V M	C284	1		
75	CRT BOARD A/I	GA347625	ELECT 85oC/T 47u/16V M	C285	1		
76	CRT BOARD A/I	GB768153	CERAMIC Y5P(B)/T 680P/50V K	C286	1		
77	CRT BOARD A/I	GB7101F3	CERAMIC Y5P(B)/T 100P/500V K	C287	1		
78	CRT BOARD A/I	GA322715	ELECT 85oC/T 220u/10V M	C288	1		
79	CRT BOARD A/I	GA310715	ELECT 85oC/T 100u/10V M	C289	1		
80	CRT BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C290	1		
81	CRT BOARD A/I	GF210362	MEF CAP BOX 0.01u/63V J	C291	1		
82	CRT BOARD A/I	GF210352	MEF CAP BOX 0.01u/50V J	C291	OR		
83	CRT BOARD A/I	GF210372	MEF CAP BOX 0.01u/100V J	C291	OR		
84	CRT BOARD A/I	GF210362	MEF CAP BOX 0.01u/63V J	C292	1		
85	CRT BOARD A/I	GF210352	MEF CAP BOX 0.01u/50V J	C292	OR		
86	CRT BOARD A/I	GF210372	MEF CAP BOX 0.01u/100V J	C292	OR		
87	CRT BOARD A/I	GB733153	CERAMIC Y5P(B)/T 330P/50V K	C294	1		
88	CRT BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C295	1		
89	CRT BOARD A/I	GB7102F3	CERAMIC Y5P(B)/T 1000P/500V K	C296	1		
90	CRT BOARD A/I	GB7472F3	CERAMIC Y5P(B)/T 4700P/500V	C297	1		
91	CRT BOARD A/I	GA222675	ELECT 105oC/T 22u/100V M	C298	1		
92	CRT BOARD A/I	GB7471F3	CERAMIC Y5P(B)/T 470P/500V	C2C2	1		
93	CRT BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C2C5	1		
94	CRT BOARD A/I	GF210372	MEF CAP BOX 0.01u/100V J	C2C6	1		
95	CRT BOARD A/I	GB7471F3	CERAMIC Y5P(B)/T 470P/500V	C2C7	1		
96	CRT BOARD A/I	GB7101H3	CERAMIC Y5P(B)/T 100P/1KV K	C2C8	1		
97	CRT BOARD A/I	GA222675	ELECT 105oC/T 22u/100V M	C2C9	1		
98	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D211	1		
99	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D212	1		
100	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D213	1		
101	CRT BOARD A/I	80000451	DIODE "T" 1SS83	D214	1		
102	CRT BOARD A/I	80004711	DIODE "T" 1SS244	D214	OR		
103	CRT BOARD A/I	80000451	DIODE "T" 1SS83	D215	1		
104	CRT BOARD A/I	80004711	DIODE "T" 1SS244	D215	OR		
105	CRT BOARD A/I	80000451	DIODE "T" 1SS83	D216	1		

106	CRT BOARD A/I	80004711	DIODE "T" 1SS244	D216	OR		
107	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D231	1		
108	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D232	1		
109	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D233	1		
110	CRT BOARD A/I	80000451	DIODE "T" 1SS83	D234	1		
111	CRT BOARD A/I	80004711	DIODE "T" 1SS244	D234	OR		
112	CRT BOARD A/I	80000451	DIODE "T" 1SS83	D235	1		
113	CRT BOARD A/I	80004711	DIODE "T" 1SS244	D235	OR		
114	CRT BOARD A/I	80000451	DIODE "T" 1SS83	D236	1		
115	CRT BOARD A/I	80004711	DIODE "T" 1SS244	D236	OR		
116	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D251	1		
117	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D252	1		
118	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D253	1		
119	CRT BOARD A/I	80000451	DIODE "T" 1SS83	D254	1		
120	CRT BOARD A/I	80004711	DIODE "T" 1SS244	D254	OR		
121	CRT BOARD A/I	80000451	DIODE "T" 1SS83	D255	1		
122	CRT BOARD A/I	80004711	DIODE "T" 1SS244	D255	OR		
123	CRT BOARD A/I	80000451	DIODE "T" 1SS83	D256	1		
124	CRT BOARD A/I	80004711	DIODE "T" 1SS244	D256	OR		
125	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D271	1		
126	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D272	1		
127	CRT BOARD A/I	EJ044148	DIODE "T" 1N4148	D273	1		
128	CRT BOARD A/I	EJAC0017	DIODE/T 1A 1N4936	D2C1	1		
129	CRT BOARD A/I	EJAC0017	DIODE/T 1A 1N4936	D2C2	1		
130	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J1	1		
131	CRT BOARD A/I	R0319116	JUMPER WIRE A/I/T 17.5mm	J11	1		
132	CRT BOARD A/I	R0319113	JUMPER WIRE A/I/T 10mm	J12	1		
133	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J13	1		
134	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J14	1		
135	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J15	1		
136	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J16	1		
137	CRT BOARD A/I	R0319113	JUMPER WIRE A/I/T 10mm	J17	1		
138	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J18	1		
139	CRT BOARD A/I	R0319113	JUMPER WIRE A/I/T 10mm	J19	1		
140	CRT BOARD A/I	R0319116	JUMPER WIRE A/I/T 17.5mm	J2	1		
141	CRT BOARD A/I	R0319114	JUMPER WIRE A/I/T 12.5mm	J20	1		
142	CRT BOARD A/I	R0319113	JUMPER WIRE A/I/T 10mm	J21	1		
143	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J22	1		
144	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J23	1		
145	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J24	1		
146	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J25	1		
147	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J26	1		
148	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J27	1		
149	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J28	1		
150	CRT BOARD A/I	R0319116	JUMPER WIRE A/I/T 17.5mm	J3	1		
151	CRT BOARD A/I	R0319115	JUMPER WIRE A/I/T 15mm	J4	1		
152	CRT BOARD A/I	R0319115	JUMPER WIRE A/I/T 15mm	J5	1		
153	CRT BOARD A/I	R0319114	JUMPER WIRE A/I/T 12.5mm	J6	1		
154	CRT BOARD A/I	R0319114	JUMPER WIRE A/I/T 12.5mm	J7	1		
155	CRT BOARD A/I	R0319115	JUMPER WIRE A/I/T 15mm	J8	1		
156	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	J9	1		
157	CRT BOARD A/I	R0319112	JUMPER WIRE A/I/T 7.5mm	JP1	1		
158	CRT BOARD A/I	HB013568	PACKING COIL/T 0.56uH K(EC24)	L212	1		

159	CRT BOARD A/I	HB013568	PACKING COIL/T 0.56uH K(EC24)	L232	1		
160	CRT BOARD A/I	HB013568	PACKING COIL/T 0.56uH K(EC24)	L252	1		
161	CRT BOARD A/I	HB013101	PACKING COIL/T 100uH K(EC24)	L271	1		
162	CRT BOARD A/I	HB013101	PACKING COIL/T 100uH K(EC24)	L272	1		
163	CRT BOARD A/I	HB003220	PACKING COIL/T 22uH	L273	1		
164	CRT BOARD A/I	72000412	CRT PCB N9902	PCB	1		
165	CRT BOARD A/I	EAA04220	TR NPN BF422 TO-92(T)	Q211	1		
166	CRT BOARD A/I	EAA04220	TR NPN BF422 TO-92(T)	Q212	1		
167	CRT BOARD A/I	EAA04220	TR NPN BF422 TO-92(T)	Q231	1		
168	CRT BOARD A/I	EAA04220	TR NPN BF422 TO-92(T)	Q232	1		
169	CRT BOARD A/I	EAA04220	TR NPN BF422 TO-92(T)	Q251	1		
170	CRT BOARD A/I	EAA04220	TR NPN BF422 TO-92(T)	Q252	1		
171	CRT BOARD A/I	EBA07336	TR PNP 2SA733P TO-92(T)	Q272	1		
172	CRT BOARD A/I	80003241	TR PNP KTA733 TO-92(T)	Q272	OR		
173	CRT BOARD A/I	EAA23690	TR NPN PH2369 TO-92(T)	Q273	1		
174	CRT BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R200	1		
175	CRT BOARD A/I	FA040471	CARBON 1/8W(T) 5% 470ohm	R201	1		
176	CRT BOARD A/I	FA040330	CARBON 1/8W(T) 5% 33ohm	R202	1		
177	CRT BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R203	1		
178	CRT BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R204	1		
179	CRT BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R211	1		
180	CRT BOARD A/I	FB247509	METAL 1/4W(T) 1% 75ohm	R212	1		
181	CRT BOARD A/I	FA040471	CARBON 1/8W(T) 5% 470ohm	R213	1		
182	CRT BOARD A/I	FA040560	CARBON 1/8W(T) 5% 56ohm	R214	1		
183	CRT BOARD A/I	FA040751	CARBON 1/8W(T) 5% 750ohm	R215	1		
184	CRT BOARD A/I	FA240101	CARBON 1/4W(T) 5% 100ohm	R216	1		
185	CRT BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R217	1		
186	CRT BOARD A/I	FA040224	CARBON 1/8W(T) 5% 220K	R218	1		
187	CRT BOARD A/I	FA330103	CARBON 1/2W(T) 5% 10K	R219	1		
188	CRT BOARD A/I	FA040913	CARBON 1/8W(T) 5% 91K	R220	1		
189	CRT BOARD A/I	FA040821	CARBON 1/8W(T) 5% 820ohm	R221	1		
190	CRT BOARD A/I	FA040333	CARBON 1/8W(T) 5% 33K	R222	1		
191	CRT BOARD A/I	FA040392	CARBON 1/8W(T) 5% 3.9K	R223	1		
192	CRT BOARD A/I	FA040681	CARBON 1/8W(T) 5% 680ohm	R224	1		
193	CRT BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R231	1		
194	CRT BOARD A/I	FB247509	METAL 1/4W(T) 1% 75ohm	R232	1		
195	CRT BOARD A/I	FA040471	CARBON 1/8W(T) 5% 470ohm	R233	1		
196	CRT BOARD A/I	FA040560	CARBON 1/8W(T) 5% 56ohm	R234	1		
197	CRT BOARD A/I	FA040751	CARBON 1/8W(T) 5% 750ohm	R235	1		
198	CRT BOARD A/I	FA240101	CARBON 1/4W(T) 5% 100ohm	R236	1		
199	CRT BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R237	1		
200	CRT BOARD A/I	FA040224	CARBON 1/8W(T) 5% 220K	R238	1		
201	CRT BOARD A/I	FA330103	CARBON 1/2W(T) 5% 10K	R239	1		
202	CRT BOARD A/I	FA040913	CARBON 1/8W(T) 5% 91K	R240	1		
203	CRT BOARD A/I	FA040821	CARBON 1/8W(T) 5% 820ohm	R241	1		
204	CRT BOARD A/I	FA040333	CARBON 1/8W(T) 5% 33K	R242	1		
205	CRT BOARD A/I	FA040392	CARBON 1/8W(T) 5% 3.9K	R243	1		
206	CRT BOARD A/I	FA040681	CARBON 1/8W(T) 5% 680ohm	R244	1		
207	CRT BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R251	1		
208	CRT BOARD A/I	FB247509	METAL 1/4W(T) 1% 75ohm	R252	1		
209	CRT BOARD A/I	FA040471	CARBON 1/8W(T) 5% 470ohm	R253	1		
210	CRT BOARD A/I	FA040560	CARBON 1/8W(T) 5% 56ohm	R254	1		
211	CRT BOARD A/I	FA040751	CARBON 1/8W(T) 5% 750ohm	R255	1		

212	CRT BOARD A/I	FA240101	CARBON 1/4W(T) 5% 100ohm	R256	1		
213	CRT BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R257	1		
214	CRT BOARD A/I	FA040224	CARBON 1/8W(T) 5% 220K	R258	1		
215	CRT BOARD A/I	FA330103	CARBON 1/2W(T) 5% 10K	R259	1		
216	CRT BOARD A/I	FA040913	CARBON 1/8W(T) 5% 91K	R260	1		
217	CRT BOARD A/I	FA040821	CARBON 1/8W(T) 5% 820ohm	R261	1		
218	CRT BOARD A/I	FA040333	CARBON 1/8W(T) 5% 33K	R262	1		
219	CRT BOARD A/I	FA040392	CARBON 1/8W(T) 5% 3.9K	R263	1		
220	CRT BOARD A/I	FA040681	CARBON 1/8W(T) 5% 680ohm	R264	1		
221	CRT BOARD A/I	FA240101	CARBON 1/4W(T) 5% 100ohm	R271	1		
222	CRT BOARD A/I	FA040563	CARBON 1/8W(T) 5% 56K	R272	1		
223	CRT BOARD A/I	FA040682	CARBON 1/8W(T) 5% 6.8K	R273	1		
224	CRT BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R274	1		
225	CRT BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R275	1		
226	CRT BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R276	1		
227	CRT BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R277	1		
228	CRT BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R280	1		
229	CRT BOARD A/I	FA240221	CARBON 1/4W(T) 5% 220ohm	R281	1		
230	CRT BOARD A/I	FA040752	CARBON 1/8W(T) 5% 7.5K	R282	1		
231	CRT BOARD A/I	FA040221	CARBON 1/8W(T) 5% 220ohm	R283	1		
232	CRT BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R284	1		
233	CRT BOARD A/I	FA240010	CARBON 1/4W(T) 5% 1ohm	R285	1		
234	CRT BOARD A/I	FA040512	CARBON 1/8W(T) 5% 5.1K	R286	1		
235	CRT BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R287	1		
236	CRT BOARD A/I	FA040332	CARBON 1/8W(T) 5% 3.3K	R288	1		
237	CRT BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R289	1		
238	CRT BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R290	1		
239	CRT BOARD A/I	FA040100	CARBON 1/8W(T) 5% 10ohm	R293	1		
240	CRT BOARD A/I	FA040105	CARBON 1/8W(T) 5% 1M	R294	1		
241	CRT BOARD A/I	FA040562	CARBON 1/8W(T) 5% 5.6K	R295	1		
242	CRT BOARD A/I	FA040682	CARBON 1/8W(T) 5% 6.8K	R296	1		
243	CRT BOARD A/I	FA040562	CARBON 1/8W(T) 5% 5.6K	R297	1		
244	CRT BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R298	1		
245	CRT BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R299	1		
246	CRT BOARD A/I	FA240470	CARBON 1/4W(T) 5% 47ohm	R2C1	1		
247	CRT BOARD A/I	FA240470	CARBON 1/4W(T) 5% 47ohm	R2C2	1		
248	CRT BOARD A/I	FA240470	CARBON 1/4W(T) 5% 47ohm	R2C3	1		
249	CRT BOARD A/I	FA240102	CARBON 1/4W(T) 5% 1K	R2C4	1		
250	CRT BOARD A/I	FA330334	CARBON 1/2W(T) 5% 330K	R2C5	1		
251	CRT BOARD A/I	EKA00507	ZEN DIODE 1/2W(T) 5C2	ZD272	1		
252	CRT BOARD INSERT	HC005003	BEAD 3.5X8/T	B2C2	1		
253	CRT BOARD INSERT	GB7472H3	CERAMIC Y5P(B)/T 4700P/1KV K	C2C3	1		
254	CRT BOARD INSERT	GBE103H5	CERAMIC Z5U(E)/A 0.01u/1KV M	C2C4	1		
255	CRT BOARD INSERT	80001751	17" 29D NECK CRT SOCKET	CRT SOCKET	1		
256	CRT BOARD INSERT	R0224070	SINGLE PIN 1P L=14mm 2.36D	GND	1		
257	CRT BOARD INSERT	HB000008	CHOKE COIL 100uH 8X10	L2C1	1		
258	CRT BOARD INSERT	FB560309	MOF 2W/M(A) 5% 3ohm	R205	1		
259	CRT BOARD INSERT	R0224129	BASE PIN 6P+HOUSING P=2.5	S271	1		
260	CRT BOARD INSERT	R0224131	BASE PIN 8P+HOUSING P=2.5	S272	1		
261	CRT BOARD INSERT	R0224130	BASE PIN 7P+HOUSING P=2.5	S273	1		
262	CRT BOARD INSERT	R0224125	BASE PIN 2P+HOUSING P=2.5	S274	1		
263	CRT BOARD INSERT	80005341	IC M52743BSP	U201	1		
264	CRT BOARD INSERT	80005351	IC MTV021N-38	U202	1		

265	CRT BOARD INSERT	12600022	HEAT SINK(VIDEO)	U203	1		
266	CRT BOARD INSERT	14000031	SCREW(#2CBRITS*3*12*15BF)	U203	1		
267	CRT BOARD INSERT	80005331	IC LM2435	U203	1		
268	MAIN BOARD A/I	HC006003	BEAD 3.5X8/T	B101	1		
269	MAIN BOARD A/I	HC006003	BEAD 3.5X8/T	B102	1		
270	MAIN BOARD A/I	HC006003	BEAD 3.5X8/T	B103	1		
271	MAIN BOARD A/I	HC006003	BEAD 3.5X8/T	B104	1		
272	MAIN BOARD A/I	HC006002	BEAD 3.5X4.7/T	B105	1		
273	MAIN BOARD A/I	HC005003	BEAD 3.5X8/T	B106	1		
274	MAIN BOARD A/I	HC005003	BEAD 3.5X8/T	B107	1		
275	MAIN BOARD A/I	HC006003	BEAD 3.5X8/T	B301	1		
276	MAIN BOARD A/I	HC005002	BEAD 3.5X4.7/T	B302	1		
277	MAIN BOARD A/I	HC006003	BEAD 3.5X8/T	B305	1		
278	MAIN BOARD A/I	HC005003	BEAD 3.5X8/T	B701	1		
279	MAIN BOARD A/I	GA310745	ELECT 85oC/T 100u/35V M	C106	1		
280	MAIN BOARD A/I	GA322745	ELECT 85oC/T 220u/35V M	C109	1		
281	MAIN BOARD A/I	GB733153	CERAMIC Y5P(B)/T 330P/50V K	C110	1		
282	MAIN BOARD A/I	GF210362	MEF CAP BOX 0.01u/63V J	C111	1		
283	MAIN BOARD A/I	GF210462	MEF CAP BOX 0.1u/63V J	C114	1		
284	MAIN BOARD A/I	GE433252	PLASTIC PPN/T 0.0033u/50V J	C115	1		
285	MAIN BOARD A/I	GA347625	ELECT 85oC/T 47u/16V M	C116	1		
286	MAIN BOARD A/I	GB7101H3	CERAMIC Y5P(B)/T 100P/1KV K	C123	1		
287	MAIN BOARD A/I	GB7101H3	CERAMIC Y5P(B)/T 100P/1KV K	C124	1		
288	MAIN BOARD A/I	GB7331H3	CERAMIC Y5P(B)/T 330P/1KV K	C125	1		
289	MAIN BOARD A/I	GB7331H3	CERAMIC Y5P(B)/T 330P/1KV K	C126	1		
290	MAIN BOARD A/I	GA322725	ELECT 85oC/T 220u/16V M	C136	1		
291	MAIN BOARD A/I	GA322735	ELECT 85oC/T 220u/25V M	C137	1		
292	MAIN BOARD A/I	GA347725	ELECT 85oC/T 470u/16V M	C141	1		
293	MAIN BOARD A/I	GF210362	MEF CAP BOX 0.01u/63V J	C142	1		
294	MAIN BOARD A/I	GA310725	ELECT 85oC/T 100u/16V M	C149	1		
295	MAIN BOARD A/I	GA347625	ELECT 85oC/T 47u/16V M	C151	1		
296	MAIN BOARD A/I	GA310735	ELECT 85oC/T 100u/25V M	C154	1		
297	MAIN BOARD A/I	GF233262	MEF CAP BOX 0.0033u/63V J	C155	1		
298	MAIN BOARD A/I	GF222362	MEF CAP BOX 0.022u/63V J	C157	1		
299	MAIN BOARD A/I	GA347635	ELECT 85oC/T 47u/25V M	C158	1		
300	MAIN BOARD A/I	GA322615	ELECT 85oC/T 22u/10V M	C162	1		
301	MAIN BOARD A/I	GB747153	CERAMIC Y5P(B)/T 470P/50 K	C167	1		
302	MAIN BOARD A/I	GB747153	CERAMIC Y5P(B)/T 470P/50 K	C301	1		
303	MAIN BOARD A/I	GF210362	MEF CAP BOX 0.01u/63V J	C302	1		
304	MAIN BOARD A/I	GF210352	MEF CAP BOX 0.01u/50V J	C302	OR		
305	MAIN BOARD A/I	GF210372	MEF CAP BOX 0.01u/100V J	C302	OR		
306	MAIN BOARD A/I	GF222362	MEF CAP BOX 0.022u/63V J	C303	1		
307	MAIN BOARD A/I	GF222352	MEF CAP BOX 0.022u/50V J	C303	OR		
308	MAIN BOARD A/I	GF222372	MEF CAP BOX 0.022u/100V J	C303	OR		
309	MAIN BOARD A/I	GE468171	PLASTIC PPN/T 680P/50V G	C304	1		
310	MAIN BOARD A/I	GF247462	MEF CAP BOX 0.47u/63V J	C305	1		
311	MAIN BOARD A/I	GF247452	MEF CAP BOX 0.47u/50V J	C305	OR		
312	MAIN BOARD A/I	GF247472	MEF CAP BOX 0.47u/100V J	C305	OR		
313	MAIN BOARD A/I	GF233362	MEF CAP BOX 0.033u/63V J	C306	1		
314	MAIN BOARD A/I	GF233352	MEF CAP BOX 0.033u/50V J	C306	OR		
315	MAIN BOARD A/I	GF233372	MEF CAP BOX 0.033u/100V J	C306	OR		
316	MAIN BOARD A/I	GF247462	MEF CAP BOX 0.47u/63V J	C307	1		
317	MAIN BOARD A/I	GF247452	MEF CAP BOX 0.47u/50V J	C307	OR		

318	MAIN BOARD A/I	GF247472	MEF CAP BOX 0.47u/100V J	C307	OR		
319	MAIN BOARD A/I	GE468171	PLASTIC PPN/T 680P/50V G	C308	1		
320	MAIN BOARD A/I	GA322655	ELECT 85oC/T 22u/50V M	C309	1		
321	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C311	1		
322	MAIN BOARD A/I	GA347625	ELECT 85oC/T 47u/16V M	C312	1		
323	MAIN BOARD A/I	GA310725	ELECT 85oC/T 100u/16V M	C314	1		
324	MAIN BOARD A/I	GF210262	MEF CAP BOX 0.001u/63V J	C315	1		
325	MAIN BOARD A/I	GF210252	MEF CAP BOX 0.001u/50V J	C315	OR		
326	MAIN BOARD A/I	GF210272	MEF CAP BOX 0.001u/100V J	C315	OR		
327	MAIN BOARD A/I	GF210482	MEF CAP BOX 0.1u/250V J	C316	1		
328	MAIN BOARD A/I	GB7102H3	CERAMIC Y5P(B)/T 1000P/1KV K	C317	1		
329	MAIN BOARD A/I	GA310585	ELECT 85oC/T 1u/250V M	C318	1		
330	MAIN BOARD A/I	GF222462	MEF CAP BOX 0.22u/63V J	C319	1		
331	MAIN BOARD A/I	GF222452	MEF CAP BOX 0.22u/50V J	C319	OR		
332	MAIN BOARD A/I	GF222472	MEF CAP BOX 0.22u/100V J	C319	OR		
333	MAIN BOARD A/I	GA310585	ELECT 85oC/T 1u/250V M	C320	1		
334	MAIN BOARD A/I	GF210462	MEF CAP BOX 0.1u/63V J	C321	1		
335	MAIN BOARD A/I	GF210452	MEF CAP BOX 0.1u/50V J	C321	OR		
336	MAIN BOARD A/I	GA310655	ELECT 85oC/T 10u/50V M	C322	1		
337	MAIN BOARD A/I	GF222462	MEF CAP BOX 0.22u/63V J	C323	1		
338	MAIN BOARD A/I	GF222452	MEF CAP BOX 0.22u/50V J	C323	OR		
339	MAIN BOARD A/I	GF222472	MEF CAP BOX 0.22u/100V J	C323	OR		
340	MAIN BOARD A/I	GA310555	ELECT 85oC/T 1u/50V M	C324	1		
341	MAIN BOARD A/I	GA310675	ELECT 85oC/T 10u/100V M	C325	1		
342	MAIN BOARD A/I	GA310585	ELECT 85oC/T 1u/250V M	C326	1		
343	MAIN BOARD A/I	GF233362	MEF CAP BOX 0.033u/63V J	C327	1		
344	MAIN BOARD A/I	GF233352	MEF CAP BOX 0.033u/50V J	C327	OR		
345	MAIN BOARD A/I	GF233372	MEF CAP BOX 0.033u/100V J	C327	OR		
346	MAIN BOARD A/I	GA310655	ELECT 85oC/T 10u/50V M	C331	1		
347	MAIN BOARD A/I	GA347455	ELECT 85oC/T 0.47u/50V M	C332	1		
348	MAIN BOARD A/I	R0319111	JUMPER WIRE AI/T 5mm	C333	1		
349	MAIN BOARD A/I	GA347725	ELECT 85oC/T 470u/16V M	C334	1		
350	MAIN BOARD A/I	GA322555	ELECT 85oC/T 2.2u/50V M	C335	1		
351	MAIN BOARD A/I	GB7561F3	CERAMIC Y5P(B)/T 560P/500V	C338	1		
352	MAIN BOARD A/I	GB7102H3	CERAMIC Y5P(B)/T 1000P/1KV K	C339	1		
353	MAIN BOARD A/I	GB710353	CERAMIC Y5P(B)/T 0.01u/50V K	C340	1		
354	MAIN BOARD A/I	GB710353	CERAMIC Y5P(B)/T 0.01u/50V K	C341	1		
355	MAIN BOARD A/I	GB710353	CERAMIC Y5P(B)/T 0.01u/50V K	C342	1		
356	MAIN BOARD A/I	GB710353	CERAMIC Y5P(B)/T 0.01u/50V K	C343	1		
357	MAIN BOARD A/I	GF210362	MEF CAP BOX 0.01u/63V J	C349	1		
358	MAIN BOARD A/I	GF210352	MEF CAP BOX 0.01u/50V J	C349	OR		
359	MAIN BOARD A/I	GF210372	MEF CAP BOX 0.01u/100V J	C349	OR		
360	MAIN BOARD A/I	GA422555	ELECT NP/T 2.2u/50V M	C350	1		
361	MAIN BOARD A/I	GA310655	ELECT 85oC/T 10u/50V M	C352	1		
362	MAIN BOARD A/I	GF210362	MEF CAP BOX 0.01u/63V J	C353	1		
363	MAIN BOARD A/I	GF210352	MEF CAP BOX 0.01u/50V J	C353	OR		
364	MAIN BOARD A/I	GF210372	MEF CAP BOX 0.01u/100V J	C353	OR		
365	MAIN BOARD A/I	GB7331H3	CERAMIC Y5P(B)/T 330P/1KV K	C354	1		
366	MAIN BOARD A/I	GB7221F3	CERAMIC Y5P(B)/T 220P/500V	C355	1		
367	MAIN BOARD A/I	GF210462	MEF CAP BOX 0.1u/63V J	C357	1		
368	MAIN BOARD A/I	GF210452	MEF CAP BOX 0.1u/50V J	C357	OR		
369	MAIN BOARD A/I	GA322735	ELECT 85oC/T 220u/25V M	C358	1		
370	MAIN BOARD A/I	GA322735	ELECT 85oC/T 220u/25V M	C359	1		

371	MAIN BOARD A/I	GF210262	MEF CAP BOX 0.001u/63V J	C363	1		
372	MAIN BOARD A/I	GF210252	MEF CAP BOX 0.001u/50V J	C363	OR		
373	MAIN BOARD A/I	GF210272	MEF CAP BOX 0.001u/100V J	C363	OR		
374	MAIN BOARD A/I	GA210685	ELECT 105oC/T 10u/250V M	C364	1		
375	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C365	1		
376	MAIN BOARD A/I	R0319111	JUMPER WIRE A/I/T 5mm	C367	1		
377	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C368	1		
378	MAIN BOARD A/I	GA310655	ELECT 85oC/T 10u/50V M	C370	1		
379	MAIN BOARD A/I	GA322725	ELECT 85oC/T 220u/16V M	C372	1		
380	MAIN BOARD A/I	GA310725	ELECT 85oC/T 100u/16V M	C373	1		
381	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C374	1		
382	MAIN BOARD A/I	GF210462	MEF CAP BOX 0.1u/63V J	C375	1		
383	MAIN BOARD A/I	GF210452	MEF CAP BOX 0.1u/50V J	C375	OR		
384	MAIN BOARD A/I	GF210362	MEF CAP BOX 0.01u/63V J	C376	1		
385	MAIN BOARD A/I	GF210352	MEF CAP BOX 0.01u/50V J	C376	OR		
386	MAIN BOARD A/I	GF210372	MEF CAP BOX 0.01u/100V J	C376	OR		
387	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C378	1		
388	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C379	1		
389	MAIN BOARD A/I	GA310655	ELECT 85oC/T 10u/50V M	C380	1		
390	MAIN BOARD A/I	GA310655	ELECT 85oC/T 10u/50V M	C381	1		
391	MAIN BOARD A/I	GA347625	ELECT 85oC/T 47u/16V M	C382	1		
392	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C383	1		
393	MAIN BOARD A/I	GA310655	ELECT 85oC/T 10u/50V M	C384	1		
394	MAIN BOARD A/I	GA310655	ELECT 85oC/T 10u/50V M	C385	1		
395	MAIN BOARD A/I	GA347625	ELECT 85oC/T 47u/16V M	C401	1		
396	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C402	1		
397	MAIN BOARD A/I	GF210462	MEF CAP BOX 0.1u/63V J	C403	1		
398	MAIN BOARD A/I	GF210452	MEF CAP BOX 0.1u/50V J	C403	OR		
399	MAIN BOARD A/I	GF215462	MEF CAP BOX 0.15u/63V J	C404	1		
400	MAIN BOARD A/I	GF215452	MEF CAP BOX 0.15u/50V J	C404	OR		
401	MAIN BOARD A/I	GF215472	MEF CAP BOX 0.15u/100V J	C404	OR		
402	MAIN BOARD A/I	GF247462	MEF CAP BOX 0.47u/63V J	C405	1		
403	MAIN BOARD A/I	GF247452	MEF CAP BOX 0.47u/50V J	C405	OR		
404	MAIN BOARD A/I	GF247472	MEF CAP BOX 0.47u/100V J	C405	OR		
405	MAIN BOARD A/I	GB768153	CERAMIC Y5P(B)/T 680P/50V K	C406	1		
406	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C408	1		
407	MAIN BOARD A/I	GA322745	ELECT 85oC/T 220u/35V M	C409	1		
408	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C411	1		
409	MAIN BOARD A/I	GA310555	ELECT 85oC/T 1u/50V M	C412	1		
410	MAIN BOARD A/I	GF222462	MEF CAP BOX 0.22u/63V J	C413	1		
411	MAIN BOARD A/I	GF222452	MEF CAP BOX 0.22u/50V J	C413	OR		
412	MAIN BOARD A/I	GF222472	MEF CAP BOX 0.22u/100V J	C413	OR		
413	MAIN BOARD A/I	GF210482	MEF CAP BOX 0.1u/250V J	C421	1		
414	MAIN BOARD A/I	GB710253	CERAMIC Y5P(B)/T 1000P/50V K	C422	1		
415	MAIN BOARD A/I	GB710353	CERAMIC Y5P(B)/T 0.01u/50V K	C423	1		
416	MAIN BOARD A/I	GB768253	CERAMIC Y5P(B)/T 6800P/50V K	C425	1		
417	MAIN BOARD A/I	GA310655	ELECT 85oC/T 10u/50V M	C601	1		
418	MAIN BOARD A/I	GA310555	ELECT 85oC/T 1u/50V M	C602	1		
419	MAIN BOARD A/I	GB710353	CERAMIC Y5P(B)/T 0.01u/50V K	C603	1		
420	MAIN BOARD A/I	GB733153	CERAMIC Y5P(B)/T 330P/50V K	C604	1		
421	MAIN BOARD A/I	GE210352	PLASTIC PEI/T 0.01u/50V J	C701	1		
422	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C702	1		
423	MAIN BOARD A/I	GA310725	ELECT 85oC/T 100u/16V M	C703	1		

424	MAIN BOARD A/I	GB610153	CERAMIC SL/T 100P/50V K	C706	1		
425	MAIN BOARD A/I	GA310655	ELECT 85oC/T 10u/50V M	C707	1		
426	MAIN BOARD A/I	GB710253	CERAMIC Y5P(B)/T 1000P/50V K	C708	1		
427	MAIN BOARD A/I	GB710253	CERAMIC Y5P(B)/T 1000P/50V K	C709	1		
428	MAIN BOARD A/I	GB710253	CERAMIC Y5P(B)/T 1000P/50V K	C716	1		
429	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C717	1		
430	MAIN BOARD A/I	GB210458	CERAMIC Y5V/T 0.1u/50V Z	C718	1		
431	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D101	1		
432	MAIN BOARD A/I	80003821	DIODE 1A/1KV UF4007 D041(CHENMKO)	D105	1		
433	MAIN BOARD A/I	80003841	DIODE 1A/20V UF4003 D041(CHENMKO)	D108	1		
434	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D109	1		
435	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D115	1		
436	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D117	1		
437	MAIN BOARD A/I	EJAC0005	DIODE/T 1A 1N4002	D123	1		
438	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D124	1		
439	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D127	1		
440	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D129	1		
441	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D135	1		
442	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D301	1		
443	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D302	1		
444	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D303	1		
445	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D304	1		
446	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D305	1		
447	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D306	1		
448	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D307	1		
449	MAIN BOARD A/I	EJA00018	DIODE/T 1A UF4006	D308	1		
450	MAIN BOARD A/I	EJA20003	DIODE/T 1A BA159	D309	1		
451	MAIN BOARD A/I	EJA20003	DIODE/T 1A BA159	D310	1		
452	MAIN BOARD A/I	EJA20003	DIODE/T 1A BA159	D311	1		
453	MAIN BOARD A/I	EJA20003	DIODE/T 1A BA159	D312	1		
454	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D313	1		
455	MAIN BOARD A/I	EJA00018	DIODE/T 1A UF4006	D314	1		
456	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D315	1		
457	MAIN BOARD A/I	EJAC0017	DIODE/T 1A 1N4936	D318	1		
458	MAIN BOARD A/I	EJAC0017	DIODE/T 1A 1N4936	D319	1		
459	MAIN BOARD A/I	80004031	DIODE/T 11DQ06	D322	1		
460	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D323	1		
461	MAIN BOARD A/I	EJAC0017	DIODE/T 1A 1N4936	D325	1		
462	MAIN BOARD A/I	EJA00018	DIODE/T 1A UF4006	D326	1		
463	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D329	1		
464	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D332	1		
465	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D334	1		
466	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D335	1		
467	MAIN BOARD A/I	EJAC0005	DIODE/T 1A 1N4002	D402	1		
468	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D403	1		
469	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D601	1		
470	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D703	1		
471	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D706	1		
472	MAIN BOARD A/I	EJ044148	DIODE "T" 1N4148	D707	1		
473	MAIN BOARD A/I	R0319117	JUMPER WIRE A/I/T 20mm	J1	1		
474	MAIN BOARD A/I	R0319116	JUMPER WIRE A/I/T 17.5mm	J10	1		
475	MAIN BOARD A/I	R0319117	JUMPER WIRE A/I/T 20mm	J100	1		
476	MAIN BOARD A/I	R0319117	JUMPER WIRE A/I/T 20mm	J101	1		



477	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J102	1		
478	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J103	1		
479	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J104	1		
480	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J105	1		
481	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J106	1		
482	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J107	1		
483	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J108	1		
484	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J109	1		
485	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J11	1		
486	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J110	1		
487	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J111	1		
488	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J112	1		
489	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J113	1		
490	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J114	1		
491	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J115	1		
492	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J116	1		
493	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J117	1		
494	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J118	1		
495	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J119	1		
496	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J12	1		
497	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J120	1		
498	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J121	1		
499	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J122	1		
500	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J123	1		
501	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J124	1		
502	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J125	1		
503	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J126	1		
504	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J127	1		
505	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J128	1		
506	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J129	1		
507	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J13	1		
508	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J130	1		
509	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J131	1		
510	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J132	1		
511	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J133	1		
512	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J134	1		
513	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J135	1		
514	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J136	1		
515	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J137	1		
516	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J138	1		
517	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J139	1		
518	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J14	1		
519	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J140	1		
520	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J141	1		
521	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J142	1		
522	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J143	1		
523	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J144	1		
524	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J145	1		
525	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J146	1		
526	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J147	1		
527	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J148	1		
528	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J149	1		
529	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J15	1		

530	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J150	1		
531	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J151	1		
532	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J152	1		
533	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J153	1		
534	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J154	1		
535	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J154	1		
536	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J155	1		
537	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J155	1		
538	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J156	1		
539	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J157	1		
540	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J158	1		
541	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J159	1		
542	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J16	1		
543	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J160	1		
544	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J161	1		
545	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J162	1		
546	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J164	1		
547	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J165	1		
548	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J166	1		
549	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J167	1		
550	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J168	1		
551	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J169	1		
552	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J17	1		
553	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J170	1		
554	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J171	1		
555	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J172	1		
556	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J173	1		
557	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J174	1		
558	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J175	1		
559	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J176	1		
560	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J177	1		
561	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J178	1		
562	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J179	1		
563	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J18	1		
564	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J180	1		
565	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J181	1		
566	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J182	1		
567	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J183	1		
568	MAIN BOARD A/I	HC006002	BEAD 3.5X4.7/T	J184	1		
569	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J185	1		
570	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J186	1		
571	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J187	1		
572	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J188	1		
573	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J189	1		
574	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J19	1		
575	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J190	1		
576	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J191	1		
577	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J192	1		
578	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J193	1		
579	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J194	1		
580	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J195	1		
581	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J196	1		
582	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J2	1		

583	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J20	1		
584	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J21	1		
585	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J22	1		
586	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J23	1		
587	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J24	1		
588	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J25	1		
589	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J26	1		
590	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J27	1		
591	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J29	1		
592	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J3	1		
593	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J30	1		
594	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J31	1		
595	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J32	1		
596	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J33	1		
597	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J34	1		
598	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J35	1		
599	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J36	1		
600	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J37	1		
601	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J38	1		
602	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J39	1		
603	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J4	1		
604	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J40	1		
605	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J41	1		
606	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J42	1		
607	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J43	1		
608	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J44	1		
609	MAIN BOARD A/I	HC006002	BEAD 3.5X4.7/T	J45	1		
610	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J46	1		
611	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J47	1		
612	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J48	1		
613	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J49	1		
614	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J5	1		
615	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J50	1		
616	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J51	1		
617	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J52	1		
618	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J53	1		
619	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J54	1		
620	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J55	1		
621	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J56	1		
622	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J57	1		
623	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J58	1		
624	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J59	1		
625	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J6	1		
626	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J60	1		
627	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J61	1		
628	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J62	1		
629	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J63	1		
630	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J64	1		
631	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J65	1		
632	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J66	1		
633	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J67	1		
634	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J68	1		
635	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J69	1		

636	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J7	1		
637	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J70	1		
638	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J71	1		
639	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J72	1		
640	MAIN BOARD A/I	R0319115	JUMPER WIRE AI/T 15mm	J73	1		
641	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J74	1		
642	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J75	1		
643	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J76	1		
644	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J77	1		
645	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J78	1		
646	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J79	1		
647	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J8	1		
648	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J80	1		
649	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J81	1		
650	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J82	1		
651	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J83	1		
652	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J84	1		
653	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J85	1		
654	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J86	1		
655	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	J87	1		
656	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J88	1		
657	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J89	1		
658	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J9	1		
659	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J90	1		
660	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J91	1		
661	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J92	1		
662	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	J93	1		
663	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J94	1		
664	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J95	1		
665	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	J96	1		
666	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J97	1		
667	MAIN BOARD A/I	R0319116	JUMPER WIRE AI/T 17.5mm	J98	1		
668	MAIN BOARD A/I	R0319117	JUMPER WIRE AI/T 20mm	J99	1		
669	MAIN BOARD A/I	R0319113	JUMPER WIRE AI/T 10mm	JP1	1		
670	MAIN BOARD A/I	R0319111	JUMPER WIRE AI/T 5mm	L107	1		
671	MAIN BOARD A/I	R0319111	JUMPER WIRE AI/T 5mm	L109	1		
672	MAIN BOARD A/I	R0319114	JUMPER WIRE AI/T 12.5mm	L303	1		
673	MAIN BOARD A/I	HB013561	PACKING COIL/T 560uH K(EC24)	L305	1		
674	MAIN BOARD A/I	HB003101	PEACKING COIL/T 100uH	L308	1		
675	MAIN BOARD A/I	HB003101	PEACKING COIL/T 100uH	L309	1		
676	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q102	1		
677	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q102	OR		
678	MAIN BOARD A/I	80005251	TR NPN KSP44 TO-92(T)	Q103	1		
679	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q105	1		
680	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q105	OR		
681	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q107	1		
682	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q107	OR		
683	MAIN BOARD A/I	EBA04230	TR PNP BF423 TO-92(T)	Q108	1		
684	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q109	1		
685	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q109	OR		
686	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q110	1		
687	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q110	OR		
688	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q111	1		

689	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q111	OR		
690	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q113	1		
691	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q113	OR		
692	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q114	1		
693	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q114	OR		
694	MAIN BOARD A/I	EAA04220	TR NPN BF422 TO-92(T)	Q116	1		
695	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q301	1		
696	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q301	OR		
697	MAIN BOARD A/I	EBA07336	TR PNP 2SA733P TO-92(T)	Q302	1		
698	MAIN BOARD A/I	80003241	TR PNP KTA733 TO-92(T)	Q302	OR		
699	MAIN BOARD A/I	EAA04220	TR NPN BF422 TO-92(T)	Q305	1		
700	MAIN BOARD A/I	EBA07336	TR PNP 2SA733P TO-92(T)	Q307	1		
701	MAIN BOARD A/I	80003241	TR PNP KTA733 TO-92(T)	Q307	OR		
702	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q308	1		
703	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q308	OR		
704	MAIN BOARD A/I	EBA07336	TR PNP 2SA733P TO-92(T)	Q310	1		
705	MAIN BOARD A/I	80003241	TR PNP KTA733 TO-92(T)	Q310	OR		
706	MAIN BOARD A/I	EBA07336	TR PNP 2SA733P TO-92(T)	Q311	1		
707	MAIN BOARD A/I	80003241	TR PNP KTA733 TO-92(T)	Q311	OR		
708	MAIN BOARD A/I	EAA22355	TR NPN 2SC2235Y TO-92(T)	Q313	1		
709	MAIN BOARD A/I	EBA09655	TR PNP 2SA965Y TO-92(T)	Q314	1		
710	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q317	1		
711	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q317	OR		
712	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q319	1		
713	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q319	OR		
714	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q320	1		
715	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q320	OR		
716	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q321	1		
717	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q321	OR		
718	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q322	1		
719	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q322	OR		
720	MAIN BOARD A/I	EBA04230	TR PNP BF423 TO-92(T)	Q323	1		
721	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q328	1		
722	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q328	OR		
723	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q329	1		
724	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q329	OR		
725	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q330	1		
726	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q330	OR		
727	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q331	1		
728	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q331	OR		
729	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q332	1		
730	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q332	OR		
731	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q333	1		
732	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q333	OR		
733	MAIN BOARD A/I	EBA07336	TR PNP 2SA733P TO-92(T)	Q334	1		
734	MAIN BOARD A/I	80003241	TR PNP KTA733 TO-92(T)	Q334	OR		
735	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q335	1		
736	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q335	OR		
737	MAIN BOARD A/I	EBA07336	TR PNP 2SA733P TO-92(T)	Q336	1		
738	MAIN BOARD A/I	80003241	TR PNP KTA733 TO-92(T)	Q336	OR		
739	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q337	1		
740	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q337	OR		
741	MAIN BOARD A/I	EAA04220	TR NPN BF422 TO-92(T)	Q338	1		

742	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q339	1		
743	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q339	OR		
744	MAIN BOARD A/I	EBA07336	TR PNP 2SA733P TO-92(T)	Q340	1		
745	MAIN BOARD A/I	80003241	TR PNP KTA733 TO-92(T)	Q340	OR		
746	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q341	1		
747	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q341	OR		
748	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q401	1		
749	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q401	OR		
750	MAIN BOARD A/I	EAA12133	TR NPN 2SC1213AC TO-92(T)	Q601	1		
751	MAIN BOARD A/I	EBA06733	TR PNP 2SA673AC TO-92(T)	Q602	1		
752	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q603	1		
753	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q603	OR		
754	MAIN BOARD A/I	EAA23690	TR NPN PH2369 TO-92(T)	Q701	1		
755	MAIN BOARD A/I	EAA09456	TR NPN 2SC945P TO-92(T)	Q702	1		
756	MAIN BOARD A/I	80003231	TR NPN KTC945-P TO-92(T)	Q702	OR		
757	MAIN BOARD A/I	EBA07336	TR PNP 2SA733P TO-92(T)	Q703	1		
758	MAIN BOARD A/I	80003241	TR PNP KTA733 TO-92(T)	Q703	OR		
759	MAIN BOARD A/I	FA240620	CARBON 1/4W(T) 5% 62ohm	R102	1		
760	MAIN BOARD A/I	FA040223	CARBON 1/8W(T) 5% 22K	R106	1		
761	MAIN BOARD A/I	FA330564	CARBON 1/2W(T) 5% 560K	R107	1		
762	MAIN BOARD A/I	FA330564	CARBON 1/2W(T) 5% 560K	R108	1		
763	MAIN BOARD A/I	FA040220	CARBON 1/8W(T) 5% 22ohm	R109	1		
764	MAIN BOARD A/I	FA240162	CARBON 1/4W(T) 5% 1.6K	R10A	1		
765	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R112	1		
766	MAIN BOARD A/I	FA240154	CARBON 1/4W(T) 5% 150K	R113	1		
767	MAIN BOARD A/I	FA240390	CARBON 1/4W(T) 5% 39ohm	R115	1		
768	MAIN BOARD A/I	FA330271	CARBON 1/2W(T) 5% 270ohm	R116	1		
769	MAIN BOARD A/I	FA240470	CARBON 1/4W(T) 5% 47ohm	R117	1		
770	MAIN BOARD A/I	FA040223	CARBON 1/8W(T) 5% 22K	R118	1		
771	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R119	1		
772	MAIN BOARD A/I	FA040223	CARBON 1/8W(T) 5% 22K	R120	1		
773	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R121	1		
774	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R123	1		
775	MAIN BOARD A/I	FB910010	METAL 1/4W(T) 5% 1ohm	R125	1		
776	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R126	1		
777	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R129	1		
778	MAIN BOARD A/I	FA240620	CARBON 1/4W(T) 5% 62ohm	R131	1		
779	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R133	1		
780	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R134	1		
781	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R135	1		
782	MAIN BOARD A/I	FA040223	CARBON 1/8W(T) 5% 22K	R136	1		
783	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R137	1		
784	MAIN BOARD A/I	FA240681	CARBON 1/4W(T) 5% 680ohm	R138	1		
785	MAIN BOARD A/I	FA040473	CARBON 1/8W(T) 5% 47K	R139	1		
786	MAIN BOARD A/I	FA040473	CARBON 1/8W(T) 5% 47K	R141	1		
787	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	R142	1		
788	MAIN BOARD A/I	FA240681	CARBON 1/4W(T) 5% 680ohm	R143	1		
789	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R144	1		
790	MAIN BOARD A/I	FB242701	METAL 1/4W(T) 1% 2.7K	R145	1		
791	MAIN BOARD A/I	FB245602	METAL 1/4W(T) 1% 56K	R146	1		
792	MAIN BOARD A/I	FB241003	METAL 1/4W(T) 1% 100K	R147	1		
793	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R148	1		
794	MAIN BOARD A/I	FA240154	CARBON 1/4W(T) 5% 150K	R151	1		

795	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R153	1		
796	MAIN BOARD A/I	FA040153	CARBON 1/8W(T) 5% 15K	R154	1		
797	MAIN BOARD A/I	FA040221	CARBON 1/8W(T) 5% 220ohm	R158	1		
798	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R159	1		
799	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R160	1		
800	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R161	1		
801	MAIN BOARD A/I	FA040273	CARBON 1/8W(T) 5% 27K	R162	1		
802	MAIN BOARD A/I	FA240122	CARBON 1/4W(T) 5% 1.2K	R163	1		
803	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R164	1		
804	MAIN BOARD A/I	FA040681	CARBON 1/8W(T) 5% 680ohm	R166	1		
805	MAIN BOARD A/I	FA330184	CARBON 1/2W(T) 5% 180K	R170	1		
806	MAIN BOARD A/I	FA330224	CARBON 1/2W(T) 5% 220Kohm	R172	1		
807	MAIN BOARD A/I	FA330681	CARBON 1/2W(T) 5% 680ohm	R182	1		
808	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R183	1		
809	MAIN BOARD A/I	FA040471	CARBON 1/8W(T) 5% 470ohm	R301	1		
810	MAIN BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R302	1		
811	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R303	1		
812	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R304	1		
813	MAIN BOARD A/I	FB241002	METAL 1/4W(T) 1% 10K	R305	1		
814	MAIN BOARD A/I	FB245601	METAL 1/4W(T) 1% 5.6K	R306	1		
815	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R308	1		
816	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R309	1		
817	MAIN BOARD A/I	FA240105	CARBON 1/4W(T) 5% 1M	R30A	1		
818	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R30B	1		
819	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R30D	1		
820	MAIN BOARD A/I	FA040682	CARBON 1/8W(T) 5% 6.8K	R30E	1		
821	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R30F	1		
822	MAIN BOARD A/I	FA040302	CARBON 1/8W(T) 5% 3K	R30G	1		
823	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R30H	1		
824	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R30I	1		
825	MAIN BOARD A/I	FA040272	CARBON 1/8W(T) 5% 2.7K	R30J	1		
826	MAIN BOARD A/I	FA040513	CARBON 1/8W(T) 5% 51K	R30K	1		
827	MAIN BOARD A/I	FA040473	CARBON 1/8W(T) 5% 47K	R30L	1		
828	MAIN BOARD A/I	FA040223	CARBON 1/8W(T) 5% 22K	R30M	1		
829	MAIN BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R30N	1		
830	MAIN BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R30P	1		
831	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R30U	1		
832	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R30V	1		
833	MAIN BOARD A/I	FA040561	CARBON 1/8W(T) 5% 560ohm	R30W	1		
834	MAIN BOARD A/I	FA040154	CARBON 1/8W(T) 5% 150K	R30Y	1		
835	MAIN BOARD A/I	FA040152	CARBON 1/8W(T) 5% 1.5K	R30Z	1		
836	MAIN BOARD A/I	FA040333	CARBON 1/8W(T) 5% 33K	R311	1		
837	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R313	1		
838	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R314	1		
839	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R315	1		
840	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R316	1		
841	MAIN BOARD A/I	FA040912	CARBON 1/8W(T) 5% 9.1K	R317	1		
842	MAIN BOARD A/I	FB241802	METAL 1/4W(T) 1% 18K	R318	1		
843	MAIN BOARD A/I	FA040474	CARBON 1/8W(T) 5% 470K	R319	1		
844	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R31B	1		
845	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R31C	1		
846	MAIN BOARD A/I	R0319113	JUMPER WIRE A/I/T 10mm	R31E	1		
847	MAIN BOARD A/I	FA240220	CARBON 1/4W(T) 5% 22ohm	R31F	1		

848	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R31S	1		
849	MAIN BOARD A/I	FA240101	CARBON 1/4W(T) 5% 100ohm	R31T	1		
850	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R31U	1		
851	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R31W	1		
852	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R31X	1		
853	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R31Y	1		
854	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R320	1		
855	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R321	1		
856	MAIN BOARD A/I	FB241002	METAL 1/4W(T) 1% 10K	R322	1		
857	MAIN BOARD A/I	FA040332	CARBON 1/8W(T) 5% 3.3K	R323	1		
858	MAIN BOARD A/I	FA240103	CARBON 1/4W(T) 5% 10K	R324	1		
859	MAIN BOARD A/I	FA040470	CARBON 1/8W(T) 5% 47ohm	R325	1		
860	MAIN BOARD A/I	FA040010	CARBON 1/8W(T) 5% 1ohm	R326	1		
861	MAIN BOARD A/I	FA040100	CARBON 1/8W(T) 5% 10ohm	R327	1		
862	MAIN BOARD A/I	FA240102	CARBON 1/4W(T) 5% 1K	R32B	1		
863	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R32C	1		
864	MAIN BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R32D	1		
865	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R32F	1		
866	MAIN BOARD A/I	FA040113	CARBON 1/8W(T) 5% 11K	R32G	1	S	
867	MAIN BOARD A/I	FA040752	CARBON 1/8W(T) 5% 7.5K	R32G	1	H	
868	MAIN BOARD A/I	FA240100	CARBON 1/4W(T) 5% 10ohm	R32H	1		
869	MAIN BOARD A/I	FA330479	CARBON 1/2W(T) 5% 4.7ohm	R32J	1		
870	MAIN BOARD A/I	FA240203	CARBON 1/4W(T) 5% 20K	R32K	1		
871	MAIN BOARD A/I	FA040272	CARBON 1/8W(T) 5% 2.7K	R32L	1		
872	MAIN BOARD A/I	FA040123	CARBON 1/8W(T) 5% 12K	R32M	1		
873	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R32N	1		
874	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R32P	1		
875	MAIN BOARD A/I	FA330474	CARBON 1/2W(T) 5% 470K	R32R	1		
876	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R32S	1		
877	MAIN BOARD A/I	FA040304	CARBON 1/8W(T) 5% 300K	R32T	1		
878	MAIN BOARD A/I	FA240100	CARBON 1/4W(T) 5% 10ohm	R32U	1		
879	MAIN BOARD A/I	FA240390	CARBON 1/4W(T) 5% 39ohm	R32W	1		
880	MAIN BOARD A/I	FA040823	CARBON 1/8W(T) 5% 82K	R330	1		
881	MAIN BOARD A/I	FA040302	CARBON 1/8W(T) 5% 3K	R331	1		
882	MAIN BOARD A/I	FA040202	CARBON 1/8W(T) 5% 2K	R332	1		
883	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R333	1		
884	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R334	1		
885	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R335	1		
886	MAIN BOARD A/I	FA040183	CARBON 1/8W(T) 5% 18K	R336	1		
887	MAIN BOARD A/I	FA040272	CARBON 1/8W(T) 5% 2.7K	R337	1		
888	MAIN BOARD A/I	FA040332	CARBON 1/8W(T) 5% 3.3K	R338	1	H	
889	MAIN BOARD A/I	FA040124	CARBON 1/8W(T) 5% 120K	R338	1	S	
890	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R339	1	H	
891	MAIN BOARD A/I	FA040562	CARBON 1/8W(T) 5% 5.6K	R339	1	S	
892	MAIN BOARD A/I	R0319112	JUMPER WIRE AI/T 7.5mm	R340	1		
893	MAIN BOARD A/I	FA040513	CARBON 1/8W(T) 5% 51K	R341	1		
894	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R342	1		
895	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R343	1		
896	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R344	1		
897	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R345	1		
898	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R346	1		
899	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R347	1		
900	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R348	1		



901	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R349	1		
902	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R350	1		
903	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R351	1		
904	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R352	1		
905	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R353	1		
906	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R354	1		
907	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R355	1		
908	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R356	1		
909	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R357	1		
910	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R358	1		
911	MAIN BOARD A/I	FA040395	CARBON 1/8W(T) 5% 3.9M	R359	1		
912	MAIN BOARD A/I	FA330304	CARBON 1/2W(T) 5% 300K	R360	1		
913	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R362	1		
914	MAIN BOARD A/I	FA040100	CARBON 1/8W(T) 5% 10ohm	R363	1		
915	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R364	1		
916	MAIN BOARD A/I	FA040223	CARBON 1/8W(T) 5% 22K	R367	1		
917	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R368	1		
918	MAIN BOARD A/I	FA330220	CARBON 1/2W(T) 5% 22ohm	R372	1		
919	MAIN BOARD A/I	FA330220	CARBON 1/2W(T) 5% 22ohm	R373	1		
920	MAIN BOARD A/I	FA240102	CARBON 1/4W(T) 5% 1K	R374	1		
921	MAIN BOARD A/I	FA240102	CARBON 1/4W(T) 5% 1K	R375	1		
922	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R378	1		
923	MAIN BOARD A/I	FB249102	METAL 1/4W(T) 1%91K	R379	1		
924	MAIN BOARD A/I	FA040681	CARBON 1/8W(T) 5% 680ohm	R380	1		
925	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R382	1		
926	MAIN BOARD A/I	FA040100	CARBON 1/8W(T) 5% 10ohm	R384	1		
927	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R388	1		
928	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R389	1		
929	MAIN BOARD A/I	FA040684	CARBON 1/8W(T) 5% 680K	R390	1		
930	MAIN BOARD A/I	FA040100	CARBON 1/8W(T) 5% 10ohm	R391	1		
931	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R392	1		
932	MAIN BOARD A/I	FA240202	CARBON 1/4W(T) 5% 2K	R393	1		
933	MAIN BOARD A/I	FB910010	METAL 1/4W(T) 5% 1ohm	R394	1		
934	MAIN BOARD A/I	FA040154	CARBON 1/8W(T) 5% 150K	R395	1		
935	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R397	1		
936	MAIN BOARD A/I	FA040105	CARBON 1/8W(T) 5% 1M	R398	1		
937	MAIN BOARD A/I	FA040123	CARBON 1/8W(T) 5% 12K	R401	1		
938	MAIN BOARD A/I	FA040622	CARBON 1/8W(T) 5% 6.2K	R402	1		
939	MAIN BOARD A/I	FA040363	CARBON 1/8W(T) 5% 36K	R404	1		
940	MAIN BOARD A/I	FA330331	CARBON 1/2W(T) 5% 330ohm	R406	1		
941	MAIN BOARD A/I	FA330229	CARBON 1/2W(T) 5% 2.2ohm	R409	1		
942	MAIN BOARD A/I	FA040622	CARBON 1/8W(T) 5% 6.2K	R410	1		
943	MAIN BOARD A/I	FA040104	CARBON 1/8W(T) 5% 100K	R415	1		
944	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R421	1		
945	MAIN BOARD A/I	FA040223	CARBON 1/8W(T) 5% 22K	R422	1		
946	MAIN BOARD A/I	FA040154	CARBON 1/8W(T) 5% 150K	R423	1		
947	MAIN BOARD A/I	FA040332	CARBON 1/8W(T) 5% 3.3K	R424	1		
948	MAIN BOARD A/I	FA240104	CARBON 1/4W(T) 5% 100K	R425	1		
949	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R601	1		
950	MAIN BOARD A/I	FA040102	CARBON 1/8W(T) 5% 1K	R602	1		
951	MAIN BOARD A/I	FA330122	CARBON 1/2W(T) 5% 1.2K	R603	1		
952	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R701	1		
953	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R702	1		

954	MAIN BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R703	1		
955	MAIN BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R704	1		
956	MAIN BOARD A/I	FA040471	CARBON 1/8W(T) 5% 470ohm	R705	1		
957	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R706	1		
958	MAIN BOARD A/I	FA040105	CARBON 1/8W(T) 5% 1M	R707	1		
959	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R708	1		
960	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R709	1		
961	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R710	1		
962	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R711	1		
963	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R712	1		
964	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R716	1		
965	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R717	1		
966	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R719	1		
967	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R726	1		
968	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R727	1		
969	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R729	1		
970	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R730	1		
971	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R731	1		
972	MAIN BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R732	1		
973	MAIN BOARD A/I	FA040101	CARBON 1/8W(T) 5% 100ohm	R733	1		
974	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R734	1		
975	MAIN BOARD A/I	FA040471	CARBON 1/8W(T) 5% 470ohm	R735	1		
976	MAIN BOARD A/I	FA040222	CARBON 1/8W(T) 5% 2.2K	R736	1		
977	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R737	1		
978	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R738	1		
979	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R746	1		
980	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R747	1		
981	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R748	1		
982	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R749	1		
983	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R750	1		
984	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R751	1		
985	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R752	1		
986	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R753	1		
987	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R754	1		
988	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R755	1		
989	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R756	1		
990	MAIN BOARD A/I	FA040472	CARBON 1/8W(T) 5% 4.7K	R757	1		
991	MAIN BOARD A/I	FA040392	CARBON 1/8W(T) 5% 3.9K	R760	1		
992	MAIN BOARD A/I	FA040103	CARBON 1/8W(T) 5% 10K	R761	1		
993	MAIN BOARD A/I	FA040272	CARBON 1/8W(T) 5% 2.7K	R762	1		
994	MAIN BOARD A/I	80003831	IC REGULATOR TL431 817B 4P	U108	1		
995	MAIN BOARD A/I	EKA0200B	ZEN DIODE 1/2W(T) 20-2	ZD101	1		
996	MAIN BOARD A/I	EKA01201	ZEN DIODE 1/2W(T) 12A2	ZD102	1		
997	MAIN BOARD A/I	EKA0180B	ZEN DIODE 1/2W(T) 18-2	ZD103	1		
998	MAIN BOARD A/I	EKA00507	ZEN DIODE 1/2W(T) 5C2	ZD104	1		
999	MAIN BOARD A/I	EKA00911	ZEN DIODE 1/2W(T) HZ9A3	ZD301	1		
1000	MAIN BOARD A/I	EKA00401	ZEN DIODE 1/2W(T) 4A2	ZD302	1		
1001	MAIN BOARD A/I	EKA0180B	ZEN DIODE 1/2W(T) 18-2	ZD303	1		
1002	MAIN BOARD A/I	EKA00607	ZEN DIODE 1/2W(T) HZS6C2(HITACHI)	ZD701	1		
1003	MAIN BOARD A/I	EKA00607	ZEN DIODE 1/2W(T) HZS6C2(HITACHI)	ZD702	1		
1004	MAIN BOARD A/I	EKA00607	ZEN DIODE 1/2W(T) HZS6C2(HITACHI)	ZD703	1		
1005	MAIN BOARD A/I	EKA00607	ZEN DIODE 1/2W(T) HZS6C2(HITACHI)	ZD704	1		
1006	MAIN BOARD A/I	EKA00607	ZEN DIODE 1/2W(T) HZS6C2(HITACHI)	ZD705	1		

1007	MAIN BOARD A/I	EKA00607	ZEN DIODE 1/2W(T) HZS6C2(HITACHI)	ZD706	1		
1008	MAIN BOARD INSERT	80006751	BEAD 3.5X8 (H/I)	B303	1		
1009	MAIN BOARD INSERT	80003791	DIODE BRIDGE 600V/4A D4SBL(SD)	BD101	1		
1010	MAIN BOARD INSERT	80003801	DIODE BRIDGE 600V/4A TS4B06G(TSC)	BD101	OR		
1011	MAIN BOARD INSERT	80004741	DIODE BRIDGE 600V/4A D3SB60(SD)	BD101	OR		
1012	MAIN BOARD INSERT	GJC222E5	SAFETY Y-CAP/D 2200P/400V M	C102	1		
1013	MAIN BOARD INSERT	GJA222E5	SAFETY Y-CAP/D 2200Pf/400V M(MURATA)KX	C102	OR		
1014	MAIN BOARD INSERT	80006101	POWER ELECT 85 C 330uF/400V M HITACHI 30*40	C105	1		
1015	MAIN BOARD INSERT	GB7103H3	CERAMIC Y5P(B)/T 0.01u/1KV K	C112	1		
1016	MAIN BOARD INSERT	GBE103H5	CERAMIC Z5U(E)/A 0.01u/1KV M	C113	1		
1017	MAIN BOARD INSERT	GAB107B5	ELECT 105oC/A 100u/160V M	C119	1		
1018	MAIN BOARD INSERT	80004421	ELECT 105oC/A 680u/63V M, TL KAIMEI	C120	1		
1019	MAIN BOARD INSERT	GAB10835	ELECT 105oC/A 1000u/25V M	C121	1		
1020	MAIN BOARD INSERT	GAA10825	ELECT 85oC/A 1000u/16V M	C122	1		
1021	MAIN BOARD INSERT	80004411	ELECT 105oC/A 470u/63V M, TL KAIMEI	C138	1		
1022	MAIN BOARD INSERT	GAB47735	ELECT 105oC/A 470u/25V M	C143	1		
1023	MAIN BOARD INSERT	GAB47735	ELECT 105oC/A 470u/25V M	C153	1		
1024	MAIN BOARD INSERT	GAA10685	ELECT 85oC/A 10u/250V M	C328	1		
1025	MAIN BOARD INSERT	GF210482	MEF CAP BOX 0.1u/250V J	C329	1		
1026	MAIN BOARD INSERT	GFC182J2	PLASTIC PPS/A 1800P/2KV J	C337	1		
1027	MAIN BOARD INSERT	GFD204E2	PLASTIC PMM/A 0.2/400V	C344	1	H	
1028	MAIN BOARD INSERT	80007001	PLASTIC MPSA/A 0.22u/400V J	C344	1	S	
1029	MAIN BOARD INSERT	GFD68382	PLASTIC PMM/A 0.068u/250V	C345	1	H	
1030	MAIN BOARD INSERT	GFB10482	PLASTIC MPP/A 0.1u/250V J	C345	1	S	
1031	MAIN BOARD INSERT	GFB43482	PLASTIC MPP/A 0.43u/250V J	C346	1	H	
1032	MAIN BOARD INSERT	GFB47482	PLASTIC MPP/A 0.47u/250V J	C346	1	S	
1033	MAIN BOARD INSERT	GFB12482	PLASTIC MPP/A 0.12u/250V J	C347	1	H	
1034	MAIN BOARD INSERT	GFB22482	PLASTIC MPP/A 0.22u/250V J	C347	1	S	
1035	MAIN BOARD INSERT	GFB12582	PLASTIC MPP/A 1.2u/250V J	C348	1	H	
1036	MAIN BOARD INSERT	GFB82482	PLASTIC MPP/A 0.82u/250V J	C348	1	S	
1037	MAIN BOARD INSERT	GAA47735	ELECT 85oC/A 470u/25V M	C351	1		
1038	MAIN BOARD INSERT	80004391	ELECT 105oC/A 47u/250V M Low ESR	C356	1		
1039	MAIN BOARD INSERT	80006161	PLASTIC PPS/A 5100P/2KV J(PILKOR)	C360	1		
1040	MAIN BOARD INSERT	80002771	PLASTIC PPS/A DKRG 5100P/1.5KV J(SHIN YEI)	C360	OR		
1041	MAIN BOARD INSERT	GED332M2	PLASTIC PPN/A 3300P/800V J	C361	1		
1042	MAIN BOARD INSERT	80004191	ELECT NP 2.2u/250V 105oC M	C362	1		
1043	MAIN BOARD INSERT	GFA22582	PLASTIC MPE/A 2.2u/250V J	C366	1		
1044	MAIN BOARD INSERT	GAA47735	ELECT 85oC/A 470u/25V M	C407	1		
1045	MAIN BOARD INSERT	GAA47735	ELECT 85oC/A 470u/25V M	C410	1		
1046	MAIN BOARD INSERT	GAA10775	ELECT 85oC/A 100u/100V M	C721	1		
1047	MAIN BOARD INSERT	80003561	DIODE 600V/1.6A RG2A SANKEN s	D110	1		
1048	MAIN BOARD INSERT	80004881	DIODE 4A/600V FMG-G26S TO-220(SANKEN)	D111	1		
1049	MAIN BOARD INSERT	12800021	HEAT SINK(22.5*56.5*1.3)	D111	1		
1050	MAIN BOARD INSERT	14300011	SCREW(PL-CPIMS*3*8*15BF)	D111	1		
1051	MAIN BOARD INSERT	80011411	DIODE 5A/600V 40ns TO-220F( M) F	D111	OR		
1052	MAIN BOARD INSERT	80002981	DIODE 3A/200V RG4Z	D112	1		
1053	MAIN BOARD INSERT	12800011	HEAT SINK (22.5*31.5*1.3)	D112	1		
1054	MAIN BOARD INSERT	80011421	DIODE RK36 2A/60V s SANKEN	D113	1		
1055	MAIN BOARD INSERT	80010341	DIODE SR206 2A/60V s (CHENMKO)	D113	OR		
1056	MAIN BOARD INSERT	80003551	DIODE 200V/1.6A RG2Z SANKEN s	D114	1		
1057	MAIN BOARD INSERT	80001131	DIODE/A 3A/600V RG4A s	D317	1		
1058	MAIN BOARD INSERT	80004171	DIODE DTV56F TO-220	D320	1		
1059	MAIN BOARD INSERT	14000041	SCREW(P-#2CBRTS*3*8*15BF)	D320	1		

1060	MAIN BOARD INSERT	80004521	DIODE DTV64F TO-220	D320	OR		
1061	MAIN BOARD INSERT	EJB00004	DIODE /A 5TUZ47	D320	OR		
1062	MAIN BOARD INSERT	80000691	DIODE/A 3A RG4A	D321	1		
1063	MAIN BOARD INSERT	12800241	HEAT SINK (22.5*56.5*1.3t)	D321	1		
1064	MAIN BOARD INSERT	80000691	DIODE/A 3A RG4A	D324	1		
1065	MAIN BOARD INSERT	80001521	FUSE 3.15A/250V 50T T3.15A	F101	1		
1066	MAIN BOARD INSERT	R0180028	FUSE HOLDER 5X20mm	FOR F101	2		
1067	MAIN BOARD INSERT	80006291	WIRE 1618#24AWG 47mm BLACK	FOR GND	1		
1068	MAIN BOARD INSERT	80004511	RUBBER,SILICON TO-3P3 0.3mm(PINGOOD)	FOR Q101	1		
1069	MAIN BOARD INSERT	80004761	SINGLE PIN L=12 D=1.56	FOR TH101	2		
1070	MAIN BOARD INSERT	JD010040	IC SOCKET 40P	FOR U701	1		
1071	MAIN BOARD INSERT	R0224070	SINGLE PIN 1P L=14mm 2.36D	GND1	1		
1072	MAIN BOARD INSERT	R0224070	SINGLE PIN 1P L=14mm 2.36D	GND3	1		
1073	MAIN BOARD INSERT	80006291	WIRE 1618#24AWG 47mm BLACK	GND6	1		
1074	MAIN BOARD INSERT	80006511	WIRE 1007 AWG24 L=300mm BLACK	JJA	1		
1075	MAIN BOARD INSERT	80009191	WIRE 1007 AWG26 L=400mm RED	JJC	1		
1076	MAIN BOARD INSERT	80009171	WIRE 1007 AWG26 L=470mm YELLOW	JJD	1		
1077	MAIN BOARD INSERT	80003511	WIRE GND 70mm Y/G 1015 18A	L100	1		
1078	MAIN BOARD INSERT	80003861	CORE EMI COMMON CHOKE UT20 2mH	L102	1		
1079	MAIN BOARD INSERT	80003681	CORE EMI CHOKE T50-26B 200uH	L104	1		
1080	MAIN BOARD INSERT	HB000008	CHOKE COIL 100uH 8X10	L108	1		
1081	MAIN BOARD INSERT	80010281	HARMONIC CHOKE EE42 60mH	L110	1		
1082	MAIN BOARD INSERT	80009301	LINEARITY COIL	L301	1	H	
1083	MAIN BOARD INSERT	80005301	H-LINEARITY COIL N9902	L301	1	S	
1084	MAIN BOARD INSERT	80005311	CHIKE 30uH N9902/N9702	L302	1		
1085	MAIN BOARD INSERT	HB000019	CHOKE COIL 130uH 18X20	L304	1	S	
1086	MAIN BOARD INSERT	80007011	CHOKE COIL 150uH 18X20	L304	1	H	
1087	MAIN BOARD INSERT	80009201	CHOKE 45uH 16*22 MS95F	L306	1		
1088	MAIN BOARD INSERT	80003901	CHOKE 2.2mH MS90	L307	1		
1089	MAIN BOARD INSERT	80000131	LED L-59GH/1GYC( t ) y	LED101	1		
1090	MAIN BOARD INSERT	80012071	EMI FILTER 03MD2 UL/TUV (DELTA)	P101	1		
1091	MAIN BOARD INSERT	14000051	SCREW (#CBRTS*4*8*15BF)	P101	2		
1092	MAIN BOARD INSERT	80010351	HARNESS 4P P=2.5 L=190	P103	1		
1093	MAIN BOARD INSERT	80005781	WIRE 14P-8P-7P N9902	P702	1		
1094	MAIN BOARD INSERT	72000553	MAIN PCB MS95 F	PCB	1		
1095	MAIN BOARD INSERT	80003771	FET N IRFPE50 800V/7.8A TO-247AC	Q101	1		
1096	MAIN BOARD INSERT	12800491	HEAT SINK(50*25*75)	Q101	1		
1097	MAIN BOARD INSERT	R0311D04	SCREW CTTWC M3.0X10	Q101	1		
1098	MAIN BOARD INSERT	80003871	FET N 2SK2648-01 800V/9A	Q101	OR		
1099	MAIN BOARD INSERT	EB307720	TR PNP 2SB772 TO-126	Q104	1		
1100	MAIN BOARD INSERT	EA306691	TR NPN HSD669AC TO-126	Q106	1		
1101	MAIN BOARD INSERT	EB307720	TR PNP 2SB772 TO-126	Q112	1		
1102	MAIN BOARD INSERT	EB20861A	TR PNP 2SB861C TO-220F	Q115	1		
1103	MAIN BOARD INSERT	80001201	TP PNP TIP 32C TO-220	Q115	OR		
1104	MAIN BOARD INSERT	EA306691	TR NPN HSD669AC TO-126	Q303	1		
1105	MAIN BOARD INSERT	12800191	HEAT SINK(15*11*60)	Q303	1		
1106	MAIN BOARD INSERT	14000041	SCREW(P-#2CBRTS*3*8*15BF)	Q303	1		
1107	MAIN BOARD INSERT	EB306493	TR PNP 2SB649 TO-126	Q304	1		
1108	MAIN BOARD INSERT	12800191	HEAT SINK(15*11*60)	Q304	1		
1109	MAIN BOARD INSERT	14000041	SCREW(P-#2CBRTS*3*8*15BF)	Q304	1		
1110	MAIN BOARD INSERT	EA200004	TR NPN 2SD1138 TO-220	Q309	1		
1111	MAIN BOARD INSERT	12800251	HEAT SINK(42*13*50)	Q309	1		
1112	MAIN BOARD INSERT	R0311D04	SCREW CTTWC M3.0X10	Q309	1		

1113	MAIN BOARD INSERT	80003311	FET N YTAF640 TO 220F	Q312	1		
1114	MAIN BOARD INSERT	12800181	HEAT SINK(40*12*65)	Q312	1		
1115	MAIN BOARD INSERT	14000041	SCREW(P-#2CBRTS*3*8*15BF)	Q312	1		
1116	MAIN BOARD INSERT	80004401	TR NPN 2SC5440 TO-3P	Q315	1		
1117	MAIN BOARD INSERT	12600211	HEAT SINK(H-OUT)-B	Q315	1		
1118	MAIN BOARD INSERT	18000381	EDGE SADDLE (t2)	Q315	1		
1119	MAIN BOARD INSERT	R0311D04	SCREW CTTWC M3.0X10	Q315	1		
1120	MAIN BOARD INSERT	R0311D04	SCREW CTTWC M3.0X10	Q315	3		
1121	MAIN BOARD INSERT	80005721	TOSHIBA 2SC5411(fhe)	Q315	OR		
1122	MAIN BOARD INSERT	12800261	HEAT SINK(134*14*60)	Q315A	1		
1123	MAIN BOARD INSERT	14000041	SCREW(P-#2CBRTS*3*8*15BF)	Q315A	4		
1124	MAIN BOARD INSERT	EF206300	FET N IRF630 TO-220 3P	Q316	1		
1125	MAIN BOARD INSERT	EF206300	FET N IRF630 TO-220 3P	Q324	1		
1126	MAIN BOARD INSERT	80003311	FET N YTAF640 TO 220F	Q325	1		
1127	MAIN BOARD INSERT	12800151	HEAT SINK(27*12*0.8)	Q325	1		
1128	MAIN BOARD INSERT	14000041	SCREW(P-#2CBRTS*3*8*15BF)	Q325	1		
1129	MAIN BOARD INSERT	EF206300	FET N IRF630 TO-220 3P	Q326	1		
1130	MAIN BOARD INSERT	80003311	FET N YTAF640 TO 220F	Q327	1		
1131	MAIN BOARD INSERT	12800151	HEAT SINK(27*12*0.8)	Q327	1		
1132	MAIN BOARD INSERT	14000041	SCREW(P-#2CBRTS*3*8*15BF)	Q327	1		
1133	MAIN BOARD INSERT	80002031	FUSEABLE RES 1/2W(A)/M 0.22ohm J	R103	1		
1134	MAIN BOARD INSERT	FCE20473	WOUND RES 5W(B) 5% 47K	R104	1		
1135	MAIN BOARD INSERT	80002031	FUSEABLE RES 1/2W(A)/M 0.22ohm J	R105	1		
1136	MAIN BOARD INSERT	80002001	FUSEABLE RES 1/2W(A)/M 0.33ohm J	R110	1		
1137	MAIN BOARD INSERT	FC110228	WOUND RES 2W(A) 5% 0.22ohm	R111	1		
1138	MAIN BOARD INSERT	FB470103	MOF 1W/M(A) 5% 10K	R114	1		
1139	MAIN BOARD INSERT	FB470153	MOF 1W/M(A) 5% 15K	R122	1		
1140	MAIN BOARD INSERT	FB470100	MOF 1W/M(A) 5% 10ohm	R127	1		
1141	MAIN BOARD INSERT	FB470100	MOF 1W/M(A) 5% 10ohm	R128	1		
1142	MAIN BOARD INSERT	FB470100	MOF 1W/M(A) 5% 10ohm	R130	1		
1143	MAIN BOARD INSERT	FB710220	MOF 3W/M(A) 5% 22ohm	R132	1		
1144	MAIN BOARD INSERT	FB470561	MOF 1W/M(A) 5% 560ohm	R140	1		
1145	MAIN BOARD INSERT	FB470103	MOF 1W/M(A) 5% 10K	R150	1		
1146	MAIN BOARD INSERT	FB910229	FUSEABLE MF RES 1/4W 2.2ohm J	R152	1		
1147	MAIN BOARD INSERT	FB560228	MOF 2W/M(A) 5% 0.22ohm	R155	1		
1148	MAIN BOARD INSERT	80006681	FUSEABLE RES 1/2W M(A) 3.3ohm	R156	1		
1149	MAIN BOARD INSERT	FB470333	MOF 1W/M(A) 5%33K	R171	1		
1150	MAIN BOARD INSERT	FB470221	MOF 1W/M(A) 5% 220ohm	R30S	1		
1151	MAIN BOARD INSERT	FB470222	MOF 1W/M(A) 5% 2.2Kohm	R312	1		
1152	MAIN BOARD INSERT	80004181	FUSIBLE RES 1W/M(A) 0.33	R31A	1		
1153	MAIN BOARD INSERT	FB470221	MOF 1W/M(A) 5% 220ohm	R329	1		
1154	MAIN BOARD INSERT	FB560271	MOF 2W/M(A) 5% 270ohm	R361	1		
1155	MAIN BOARD INSERT	FB710121	MOF 3W/M(A) 5% 120ohm	R365	1		
1156	MAIN BOARD INSERT	FB710121	MOF 3W/M(A) 5% 120ohm	R366	1		
1157	MAIN BOARD INSERT	FB470221	MOF 1W/M(A) 5% 220ohm	R369	1		
1158	MAIN BOARD INSERT	FB720010	MOF 3W/M(B) 5% 1ohm	R370	1		
1159	MAIN BOARD INSERT	FB470270	MOF 1W/M(A) 5% 27ohm	R371	1		
1160	MAIN BOARD INSERT	FB560560	MOF 2W/M(A) 5% 56ohm	R376	1		
1161	MAIN BOARD INSERT	FB560471	MOF 2W/M(A) 5% 470ohm	R377	1		
1162	MAIN BOARD INSERT	FB560300	MOF 2W/M(A) 5% 30ohm	R385	1		
1163	MAIN BOARD INSERT	FB710471	MOF 3W/M(A) 5% 470ohm	R386	1		
1164	MAIN BOARD INSERT	FB720278	MOF 3W/M(B) 5% 0.27ohm	R387	1		
1165	MAIN BOARD INSERT	FB480154	MOF 1W/M(B) 5% 150Kohm	R399	1		

1166	MAIN BOARD INSERT	FB710100	MOF 3W/M(A) 5% 10ohm	R403	1		
1167	MAIN BOARD INSERT	FB470010	MOF 1W/M(A) 5% 1ohm	R407	1		
1168	MAIN BOARD INSERT	FB560339	MOF 2W/M(A) 5% 3.3ohm	R411	1		
1169	MAIN BOARD INSERT	HG010020	POWER RELAY 12V	RL101	1		
1170	MAIN BOARD INSERT	80005751	REPLY 12V 6P MI-SS-212DM(GOOD SKY)	RL101	OR		
1171	MAIN BOARD INSERT	80005831	REPLY 12V 8P MI-SS-212D(GOOD SKY)	RL102	1		
1172	MAIN BOARD INSERT	80005841	REPLY 12V 8P OMI-SS-212L(OEG)	RL301	1		
1173	MAIN BOARD INSERT	80005831	REPLY 12V 8P MI-SS-212D(GOOD SKY)	RL301	OR		
1174	MAIN BOARD INSERT	80006131	BASE PIN 3P(2NC) 7.92mm(L-TYPE)	S102	1		
1175	MAIN BOARD INSERT	R0224308	BASE PIN 2.36 P=8/10 4P	S301	1		
1176	MAIN BOARD INSERT	R0224315	BASE PIN 3P+HOUSING 3 P=2.5	S601	1		
1177	MAIN BOARD INSERT	R0224130	BASE PIN 7P+HOUSING P=2.5	S701	1		
1178	MAIN BOARD INSERT	80002201	SPARK GAP 1.5KV+-500V	SG301	1		
1179	MAIN BOARD INSERT	80003781	POWER SW KDC-A04-10(B)	SW101	1		
1180	MAIN BOARD INSERT	80009021	POWER SW 10A/250V PS-3-22SPA-L5AZ(Solteam)	SW101	OR		
1181	MAIN BOARD INSERT	80000251	TACT SW 1P 100G	SW701	1		
1182	MAIN BOARD INSERT	80000251	TACT SW 1P 100G	SW702	1		
1183	MAIN BOARD INSERT	80000251	TACT SW 1P 100G	SW703	1		
1184	MAIN BOARD INSERT	80008971	POWER X'FM EER4215 280uH MS95F	T101	1		
1185	MAIN BOARD INSERT	80006761	DRIVE X'FM 6mH (EI-19)	T301	1		
1186	MAIN BOARD INSERT	80007181	FBT FOR N9902F	T302	1		
1187	MAIN BOARD INSERT	14000071	SCREW (PL-CPTS*3*8*15BF)	T302(FBT)	3		
1188	MAIN BOARD INSERT	80005851	DYNAMIC FOCUS X'FMR N9902	T303	1		
1189	MAIN BOARD INSERT	80004371	THERMISTOR NTCR N15SP006L 6 ohm/5A	TH101	1		
1190	MAIN BOARD INSERT	80003631	THERMISTOR PTCR 9ohm 2P DGC2R9ROM27C	TH102	1		
1191	MAIN BOARD INSERT	R0224074	SINGLE PIN L=11.5mm D=1.0	TP1	1		
1192	MAIN BOARD INSERT	R0224074	SINGLE PIN L=11.5mm D=1.0	TP2	1		
1193	MAIN BOARD INSERT	R0224077	BASE PIN 1P 1.5mm	TP3	1		
1194	MAIN BOARD INSERT	R0224074	SINGLE PIN L=11.5mm D=1.0	TP6	1		
1195	MAIN BOARD INSERT	DD002600	IC LINEAR KA3842A 8P	U101	1		
1196	MAIN BOARD INSERT	80009051	IC LINEAR UC3842A UN1EX	U101	OR		
1197	MAIN BOARD INSERT	80000321	IC PHOTO COUPLE PS2561 4P	U102	1		
1198	MAIN BOARD INSERT	80002581	IC PHOTO COUPLE H11A817B 4P	U102	OR		
1199	MAIN BOARD INSERT	80005281	IC TDA9111	U301	1		
1200	MAIN BOARD INSERT	80001041	IC LINEAR TDA8172 7PIN	U401	1		
1201	MAIN BOARD INSERT	12800171	HEAT SINK(45*27*60)	U401	1		
1202	MAIN BOARD INSERT	14000041	SCREW(P-#2CBRTS*3*8*15BF)	U401	1		
1203	MAIN BOARD INSERT	80009311	FLASH MCU MTV212MN64 N9902F (H)	U701	1	H	
1204	MAIN BOARD INSERT	80008711	FLASH MCU MTV212MN64 N9902F	U701	1	S	
1205	MAIN BOARD INSERT	12300121	PLATE,SHIELDING(IC)	U701	1		
1206	MAIN BOARD INSERT	BE028000	EEPROM 2404 DIP 8P	U702	1		
1207	MAIN BOARD INSERT	12300241	PLATE,SHIELDING(EEPROM)	U702	1		
1208	MAIN BOARD INSERT	FF300201	VR CARBON 6φ 200ohm	VR102	1		
1209	MAIN BOARD INSERT	FF300103	VR CARBON 6φ 10K VZ067TH1	VR301	1		
1210	MAIN BOARD INSERT	FF310202	VR CARBON 6φ 2K	VR302	1		
1211	MAIN BOARD INSERT	FF310303	VR CARBON 6φ 30K	VR303	1		
1212	MAIN BOARD INSERT	FF310103	VR CARBON 6φ 10K	VR304	1		
1213	MAIN BOARD INSERT	FF300503	VR CARBON 6φ 50K	VR305	1		
1214	MAIN BOARD INSERT	FF310102	VR CARBON 6φ 1K	VR306	1		
1215	MAIN BOARD INSERT	EM012004	X'TAL 49u 12MHZ	X701	1		
1216	MAIN BOARD INSERT	EJAC0017	DIODE/T 1A 1N4936		1		
1217	PACKING ASSY	13200721	CARTON BOX MS95F		1		A
1218	PACKING ASSY	13201073	CARTON BOX MS95F-1(B)("B"MARK+GOST)		1		B

1219	PACKING ASSY	13400432	POLYLON(T)			1		
1220	PACKING ASSY	13400442	POLYLON(B)			1		
1221	PACKING ASSY	13700021	BAG POLYETHYLENE (270*370)			1		
1222	PACKING ASSY	13700031	BAG POLYETHYLENE (150*370)			1		
1223	PACKING ASSY	13700071	PE BAG(500*480*850+WARNING)			1		
1224	PACKING ASSY	15500481	OWNERS MANUAL(MS75F/95F)			1		A
1225	PACKING ASSY	15500722	OWNERS MANUAL MS75F/95F-1(B)			1		B
1226	PACKING ASSY	15800051	SAFETY INSTRUCTION SHEET			1		A
1227	PACKING ASSY	15900052	SALES OFFICE LIST			1		B
1228	PACKING ASSY	19700023	INSTRUCTION CO-ROM MS75F/95F			1		B
1229	PACKING ASSY	15201201	LABEL SAFETY GOST-RUSSIA(FOR MANUAL)			1		
1230	REVOLVING STAND ASSY	11000361	REVOLVING STAND ASSY(B)	2nd TOOLING	OR			
1231	REVOLVING STAND ASSY	17000451	CUSHION SHEET(14.8*14.8*T4)	FOR 2nd BASE	OR			
1232	REVOLVING STAND ASSY	11000251	REVOLVING STAND (B)			1		
1233	REVOLVING STAND ASSY	11000261	REVOLVING STAND (T)			1		
1234	REVOLVING STAND ASSY	17000291	CUSHION SHEET			4		
1235	SET ASSY	80001631	POWER CORD 3P 1.8M NON-SHIELD COLOR SG8508	CORD POWER		1		A
1236	SET ASSY	80001651	POWER CORD 3P 1.8M EUROPE NON-SHIELD COLOR SG8508(CTOAG)	CORD POWER		1		B
1237	SET ASSY	80008941	CRT 19" SAMSUNG M46QCK761X123	CRT		1		S
1238	SET ASSY	80008951	CRT 19" HITACHI M46LSQ183X01(W)	CRT		1		H
1239	SET ASSY	80006231	WIRE GND 1015 18AWG L=150mm BLACK	CRT-CHASSIS		2		
1240	SET ASSY	80008911	DEGAUSSING COIL 0.6D 90T, TYPE 8 AS95 F	DEGAUSSING		1		
1241	SET ASSY	HA030010	EMI FILTER COIL 20*10*10	FBT G2		1		JVC FBT
1242	SET ASSY	HA030010	EMI FILTER COIL 20*10*10	FBT G4		1		JVC FBT
1243	SET ASSY	80011321	WIRE BRAIDED 0.12/120C 180mm	FBT-CRT		1		
1244	SET ASSY	80006241	WIRE GND 1015 18AWG L=160mm BLACK	FBT-CRT		4		
1245	SET ASSY	80011311	CRT GND WIRE N9902F	GND WIRE		1		
1246	SET ASSY	HA030010	EMI FILTER COIL 20*10*10	ROTATION		1		
1247	SET ASSY	80011321	WIRE BRAIDED 0.12/120C 180mm	SOCKET-CRT		1		
1248	SET ASSY	R0191207	TAPE BLACK L=75mmX3			0.015		
1249	SET ASSY	80005391	SINGLE CABLE 1.8m D-SUB(BLUE)			1		
1250	SET ASSY	10101181	CABINET FRONT ASSY			1		A
1251	SET ASSY	10101401	CABINET FRONT ASSY			1		B
1252	SET ASSY	10101302	CABINET BACK			1		A
1253	SET ASSY	10101422	CABINET BACK			1		B
1254	SET ASSY	11000331	REVOLVING STAND ASSY			1		
1255	SET ASSY	11300041	PUSH BUTTON(SW,B)			1		
1256	SET ASSY	12000601	BRACKET(CABLE)			1		
1257	SET ASSY	12000402	BRACKET(L)			1		
1258	SET ASSY	12000412	BRACKET(R)			1		
1259	SET ASSY	12000481	BRACKET(PWB)ASSY			1		
1260	SET ASSY	12300251	PLATE,SHIELDING(VIDEO)			1		
1261	SET ASSY	15000721	NAME PLATE INSTRUCTION MS95F			1		A
1262	SET ASSY	15000762	NAME PLATE INSTRUCTION MS95F-1(B)			1		B
1263	SET ASSY	15200031	LABEL (REV.)			1		
1264	SET ASSY	15200281	LABEL,SERIAL BARCODE			1		A
1265	SET ASSY	15200331	LABEL,SERIAL BARCODE			1		B
1266	SET ASSY	15200491	LABEL(MANUFACTURE,NPG)			1		A
1267	SET ASSY	15200901	LABEL CRA MS95F			1		A
1268	SET ASSY	15200961	LABEL WARNING(30KV)			1		A
1269	SET ASSY	15200971	LABEL WARNING(30KV,1000uA)			1		B
1270	SET ASSY	15201021	LABEL(RATED)			1		B
1271	SET ASSY	15200681	LABEL(TCO99)			1		B

1272	SET ASSY	17000111	CRT PAD t=3.5		2		
1273	SET ASSY	17000301	CUSHION PIECE (BACK)		1		
1274	SET ASSY	14000021	SCREW(#2CBRITS*4*12*15BF)		2		
1275	SET ASSY	14300031	SCREW (PL-CPIMS*4*10*15BF)		3		
1276	SET ASSY	17000541	MAYLAR SHEET(D18*T2)		2		
1277	SET ASSY	18000191	CABLE,CLIP(L=60)		2		
1278	SET ASSY	18000241	CABLE CLIP(L=100)		2		
1279	SET ASSY	18000261	ANODE CLAMPER(SPA-11G)		2		
1280	SET ASSY	14600011	SCERW SPECIAL(5*25)		4		
1281	SET ASSY	14800011	SPECIAL WASHER(D20,M6,T2)		4		
1282	SET ASSY	18000271	SPACER SUPPROT(PS-26GD)		4		
1283	SET ASSY	14000011	SCREW (#2CBRITS*4*16*15BF)		6		
1284	SET ASSY	R0315A04	CABLE TIE L=100mm W=2.5mm		8		
1285	SET ASSY	14000071	SCREW (PL-CPTS*3*8*15BF)		17		
1286	SET ASSY	11000381	REVOLVING STAND ASSY(94HB)		OR		
1287	SET ASSY	14800021	SPECIAL WASHER(D20,M6,T1.6)		OR		
1288	SET ASSY	14800031	SPECIAL WASHER(T1.2)		OR		
1289	SET ASSY	14800041	SPECIAL WASHER(D20,M6,T1.0)		OR		
1290	SET ASSY	14800051	SPECIAL WASHER(T0.5)		OR		
1291	SET ASSY	14800061	SPECIAL WASHER(D20,M6,T2.5)		OR		

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SORT BY ASSY CODE



2) AccuSync 95F Different Parts List

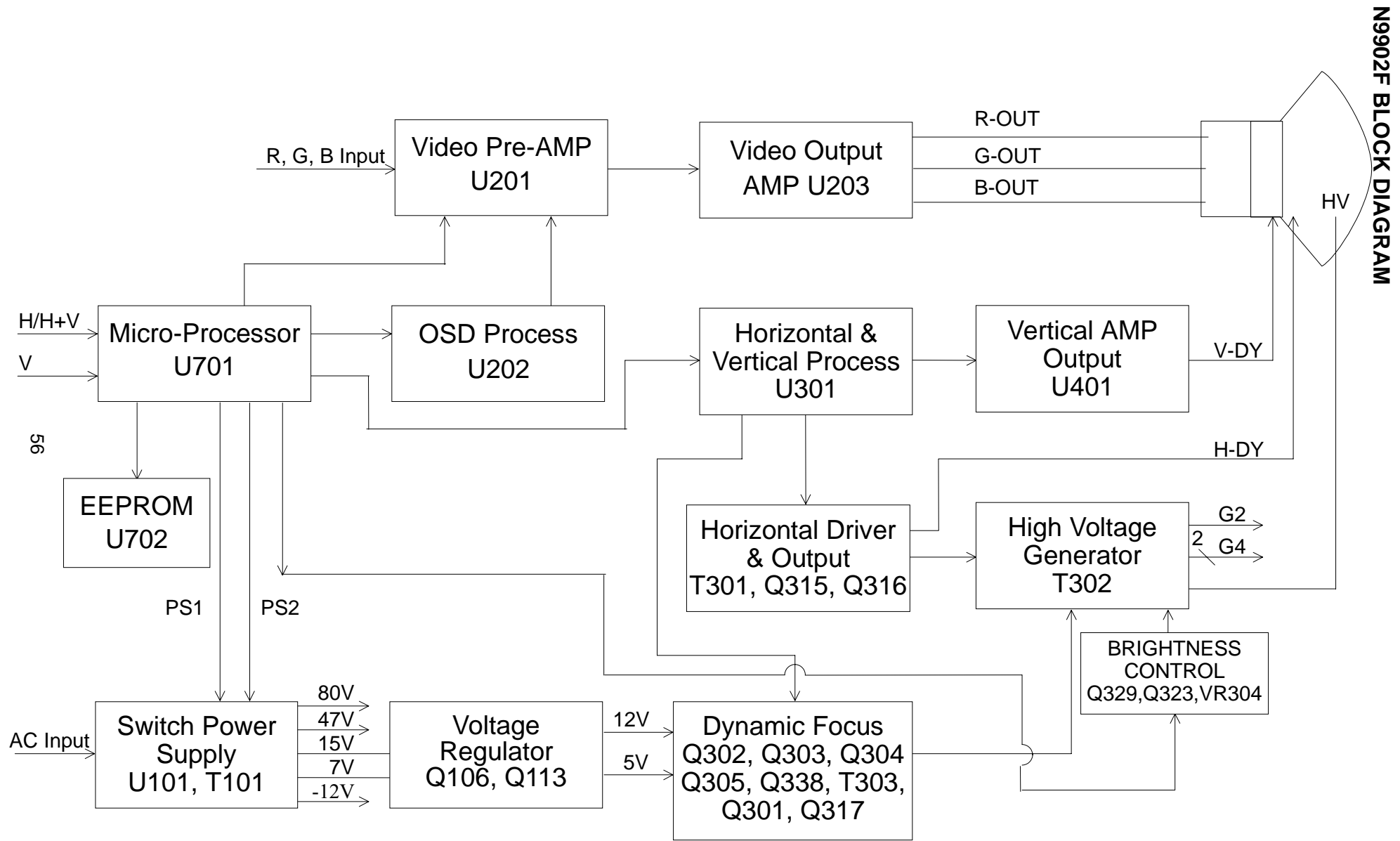
H: HITACHI, S: SAMSUNG

	ASSY CODE	PART NO	DESCRIPTION	LOCATION	Q'TY	ALT	REMARK
1	BRACKET(PWB)ASSY	12000492	BRACKET(PWB,A)		1		
2	BRACKET(PWB)ASSY	12000502	BRACKET(PWB,BL)		1		
3	BRACKET(PWB)ASSY	12000512	BRACKET(PWB,BR)		1		
4	BRACKET(PWB)ASSY	12000522	BRACKET(PWB,C)		1		
5	BRACKET(PWB)ASSY	12000382	BRACKET(PWB,D)		1		
6	BRACKET(PWB)ASSY	12300421	PLATE,SHIELDING(RS)		1		
7	BRACKET(PWB)ASSY	14000071	SCREW (PL-CPTS*3*8*15BF)		11		
8	CABINET FRONT ASSY	10101211	CABINET FRONT		1		
9	CABINET FRONT ASSY	11300651	PUSH BUTTON (SW)		1		
10	CABINET FRONT ASSY	11300521	PUSH BUTTON (CONTROL)		1		
11	CABINET FRONT ASSY	11600221	LENS		1		
12	CABINET FRONT ASSY	11700251	KEY COVER		1		
13	CABINET FRONT ASSY	13000011	COIL SPRING		1		
14	PACKING ASSY	13201081	CARTON BOX AS95F(A)-1		1		
15	PACKING ASSY	13400432	POLYLON(T)		1		
16	PACKING ASSY	13400442	POLYLON(B)		1		
17	PACKING ASSY	13700021	BAG POLYETHYLENE (270*370)		1		
18	PACKING ASSY	13700031	BAG POLYETHYLENE(150*370)		1		
19	PACKING ASSY	13700071	PE BAG (500*480*850 + WARNING)		1		
20	PACKING ASSY	15500711	OWNERS MANUAL(AS75F/95F-1)		1		
21	PACKING ASSY	15800051	SAFETY INSTRUCTION SHEET		1		
22	REVOLVING STAND ASSY	11000361	REVOLVING STAND ASSY(B)	2nd TOOLING	OR		
23	REVOLVING STAND ASSY	17000451	CUSHION SHEET(14.8*14.8*T4)	FOR 2nd BASE	OR		
24	REVOLVING STAND ASSY	11000251	REVOLVING STAND (B)		1		
25	REVOLVING STAND ASSY	11000261	REVOLVING STAND (T)		1		
26	REVOLVING STAND ASSY	17000291	CUSHION SHEET		4		
27	SET ASSY	80001631	POWER CORD 3P 1.8M NON-SHIELD COLOR SG8508	CORD POWER	1		
28	SET ASSY	80008951	CRT 19" HITACHI M46LSQ183X01(W)	CRT	1	H	
29	SET ASSY	80008941	CRT 19" SAMSUNG M46QCK761X123	CRT	1	S	
30	SET ASSY	80006231	WIRE GND 1015 18AWG L=150mm BLACK	CRT-CHASSIS	2		
31	SET ASSY	80008911	DEGAUSSING COIL 0.6D 90T, TYPE 8 AS95F	DEGAUSSING	1		
32	SET ASSY	HA030010	EMI FILTER COIL 20*10*10	FBT G2	1		JVC FBT
33	SET ASSY	HA030010	EMI FILTER COIL 20*10*10	FBT G4	1		JVC FBT
34	SET ASSY	80011321	WIRE BRAIDED 0.12/120C 180mm	FBT-CRT	1		
35	SET ASSY	80006241	WIRE GND 1015 18AWG L=160mm BLACK	FBT-CRT	4		
36	SET ASSY	80008991	CRT GND WIRE MS95F	GND WIRE	1		
37	SET ASSY	HA030010	EMI FILTER COIL 20*10*10	ROTATION	1		
38	SET ASSY	80011321	WIRE BRAIDED 0.12/120C 180mm	SOCKET-CRT	1		
39	SET ASSY	R0191207	TAPE BLACK L=75mmx3		0.015		
40	SET ASSY	80005391	SINGLE CABLE 1.8m D-SUB(BLUE)		1		
41	SET ASSY	10101201	CABINET FRONT ASSY		1		
42	SET ASSY	10101302	CABINET BACK		1		
43	SET ASSY	11000331	REVOLVING STAND ASSY		1		
44	SET ASSY	17000111	CRT PAD t=3.5		1		
45	SET ASSY	12000482	BRACKET(PWB)ASSY		1		
46	SET ASSY	12000402	BRACKET(L)		1		
47	SET ASSY	12000412	BRACKET(R)		1		
48	SET ASSY	12000601	BRACKET(CABLE)		1		
49	SET ASSY	12300251	PLATE,SHIELDING(VIDEO)		1		
50	SET ASSY	17000301	CUSHION PIECE (BACK)		1		
51	SET ASSY	11300041	PUSH BUTTON(SW,B)		1		
52	SET ASSY	15000732	NAME PLATE INSTRUCTION AS95F		1		

53	SET ASSY	15200031	LABEL (REV.)		1		
54	SET ASSY	15200281	LABLE,SERIAL BARCODE		1		
55	SET ASSY	15200491	LABEL(MANUFACTURE,NPG)		1		
56	SET ASSY	15200961	LABEL WARNING(30KV)		1		
57	SET ASSY	15200912	LABEL CRA AS95F		1		
58	SET ASSY	14000021	SCREW(#2CBRITS*4*12*15BF)		2		
59	SET ASSY	14300031	SCREW (PL-CPIMS*4*10*15BF)		3		
60	SET ASSY	18000261	ANODE CLAMPER(SPA-11G)		2		
61	SET ASSY	18000191	CABLE,CLIP(L=60)		2		
62	SET ASSY	18000241	CABLE CLIP(L=100)		2		
63	SET ASSY	17000541	MAYLAR SHEET(D18*T2)		2		
64	SET ASSY	14600011	SCERW SPECIAL(5*25)		4		
65	SET ASSY	14800011	SPECIAL WASHER(D20,M6,T2)		4		
66	SET ASSY	18000271	SPACER SUPPROT(PS-26GD)		4		
67	SET ASSY	14000011	SCREW (#2CBRITS*4*16*15BF)		6		
68	SET ASSY	R0315A04	CABLE TIE L=100mm W=2.5mm		8		
69	SET ASSY	14000071	SCREW (PL-CPTS*3*8*15BF)		17		
70	SET ASSY	11000381	REVOLVING STAND ASSY(94HB)		OR		
71	SET ASSY	14800021	SPECIAL WASHER(D20,M6,T1.6)		OR		
72	SET ASSY	14800031	SPECIAL WASHER(T1.2)		OR		
73	SET ASSY	14800041	SPECIAL WASHER(D20,M6,T1.0)		OR		
74	SET ASSY	14800051	SPECIAL WASHER(D20,M6,T0.5)		OR		
75	SET ASSY	14800061	SPECIAL WASHER(D20,M6,T2.5)		OR		

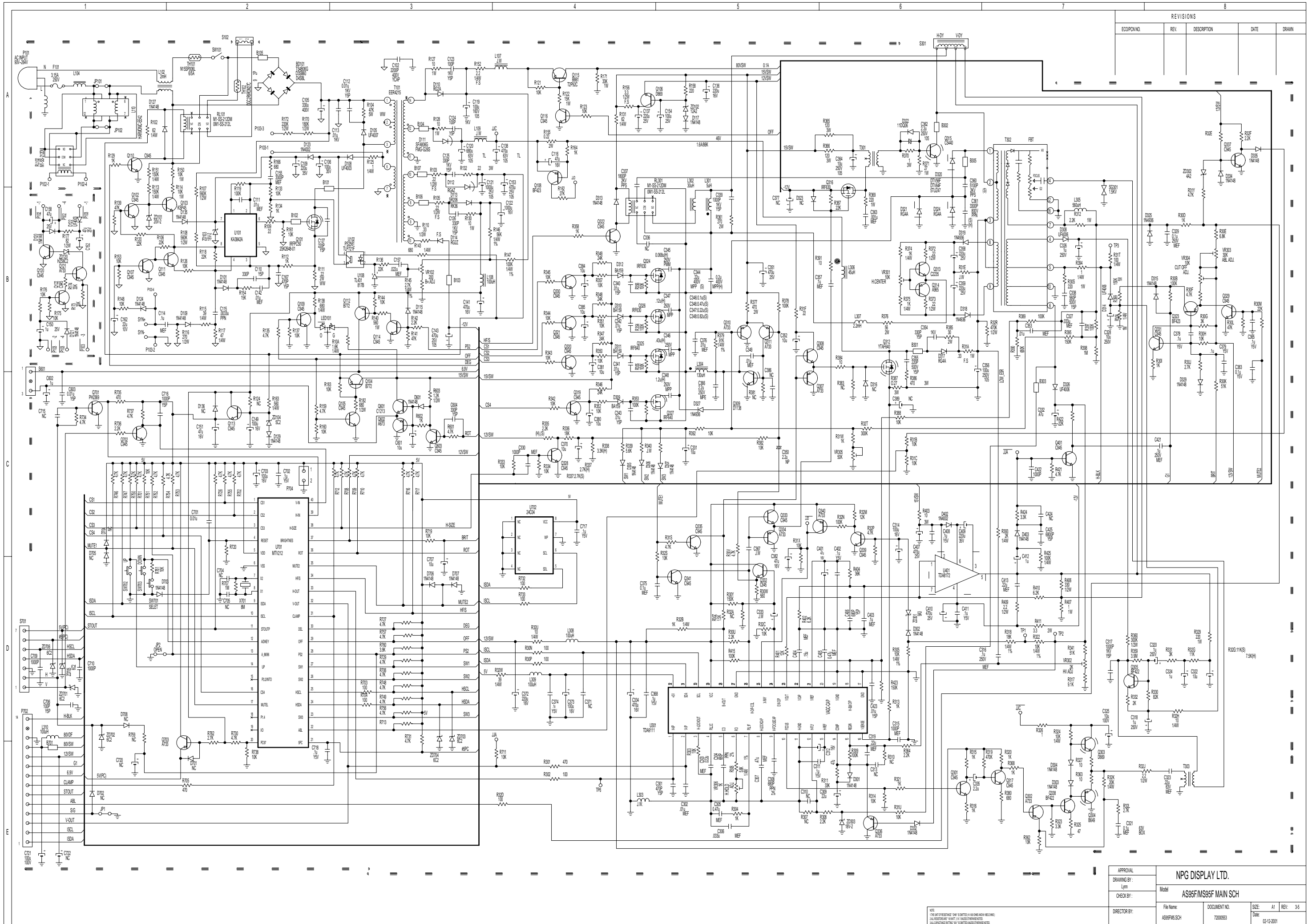
REVISED BY ECN NO:NN781007

SORT BY ASSY CODE



N9902F BLOCK DIAGRAM

# MODEL MS95F-1/AS95F-1 MAIN BOARD SCHEMATIC DIAGRAM

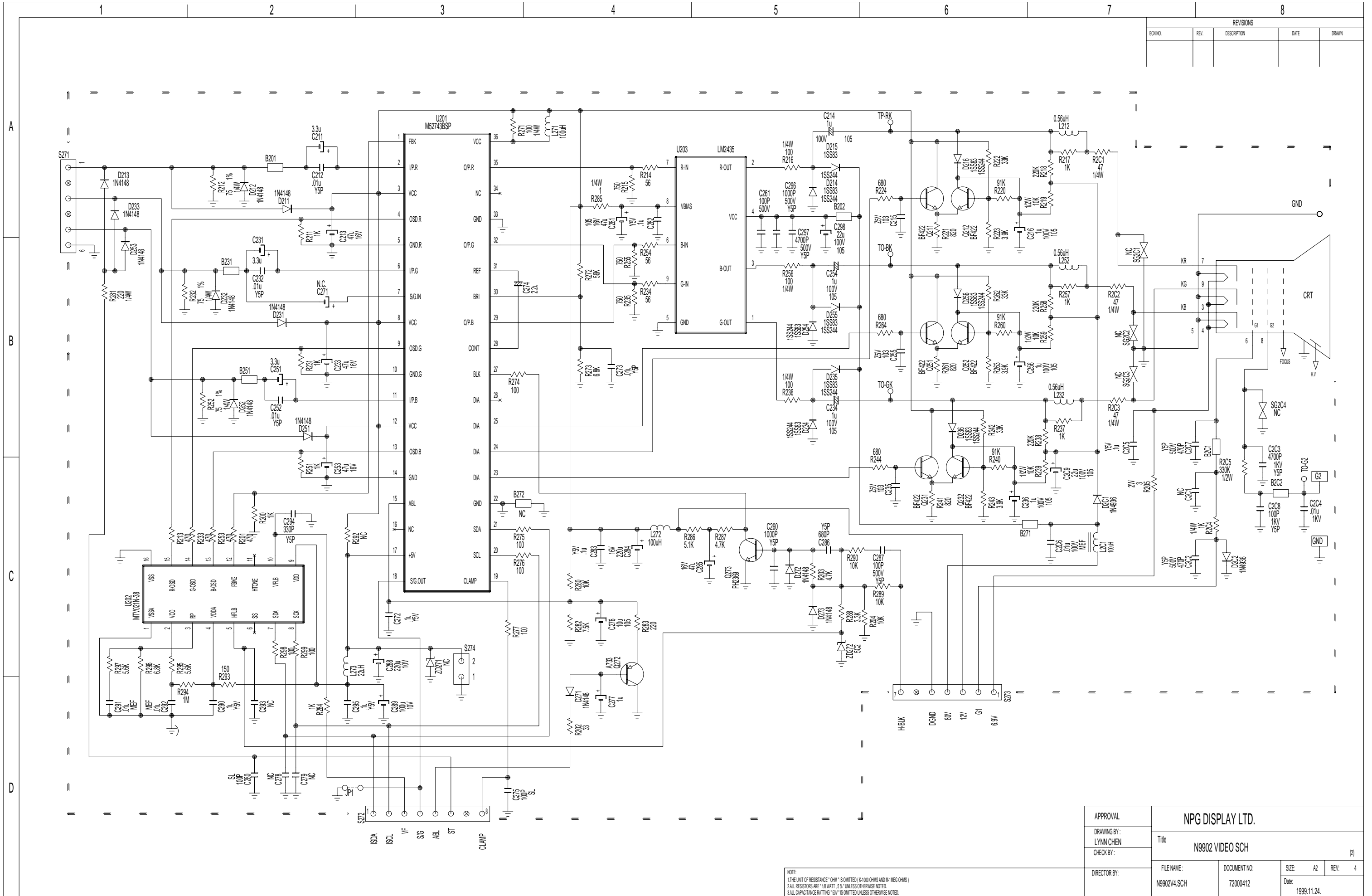


REVISIONS				
ECO/PC/NO	REV	DESCRIPTION	DATE	DRAWN

APPROVAL	NPG DISPLAY LTD.			
DRAWING BY: Lynn	Model	AS95F/MS95F MAIN SCH		
CHECK BY:	File Name	DOCUMENT NO	SIZE	A1 REV: 3-5
DIRECTOR BY:	AS95FMS.SCH	7200953	Date	02-12-2001

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# MODEL MS95F-1/AS95F-1 VIDEO BOARD SCHEMATIC DIAGRAM



REVISIONS				
ECN NO.	REV.	DESCRIPTION	DATE	DRAWN

APPROVAL	NPG DISPLAY LTD.			
DRAWING BY: LYNN CHEN	Title N9902 VIDEO SCH			
CHECK BY:	(2)			
DIRECTOR BY:	FILE NAME: N9902/V4.SCH	DOCUMENT NO: 72000412	SIZE: A2	REV: 4
			Date: 1999.11.24.	

NOTE:  
 1. THE UNIT OF RESISTANCE "OHM" IS OMITTED (K=1000 OHMS AND M=1000 OHMS)  
 2. ALL RESISTORS ARE 1% UNLESS OTHERWISE NOTED.  
 3. ALL CAPACITANCE RATING "50V" IS OMITTED UNLESS OTHERWISE NOTED.