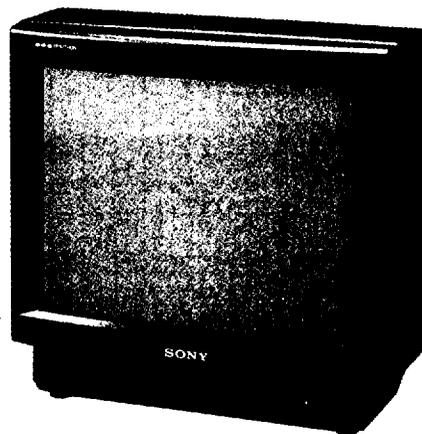


# SERVICE MANUAL

*French Model*

Chassis No. SCC-B68C-A



## BE-1 CHASSIS

**Note:** The service manual for RM-658 has been issued separately.

### MODELS OF THE SAME SERIES

KV-M16B	
KV-M19B	
KV-M14B	

### SPECIFICATIONS

**Television system** French TV system L  
CCIR system B, G and H

**Color system** PAL/SECAM

**Channel coverage** System B/G, H  
VHF : E2 - S20  
UHF : E21 - E69 (a total of up to 30 preselected channels)  
System L  
VHF : 02 - 10, 0 - 12  
UHF : F21 - F69

**Picture tube** Trinitron tube 90° degree deflection  
Approx. 40.1cm (16 inches)  
(Approx. 37.3cm picture measured diagonally)

**Input** 21-pin connector : CENELEC Standard  
AV Connector (phono)

**Outputs** Earphones jack : minijack  
21-pin connector : CENELEC Standard

**Speaker** 7.5cm dia.

**Sound output** 3.5w (music)

**Power consumption** 59Wh

**Dimensions** Approx. 389×374×113mm  
(W×H×D)

**Weight** Approx. 12.8kg

**Supplied accessories** RM-658 Remote Commander (1)  
Aerial conversion plug (1)  
IEC designation R6 batteries (2)

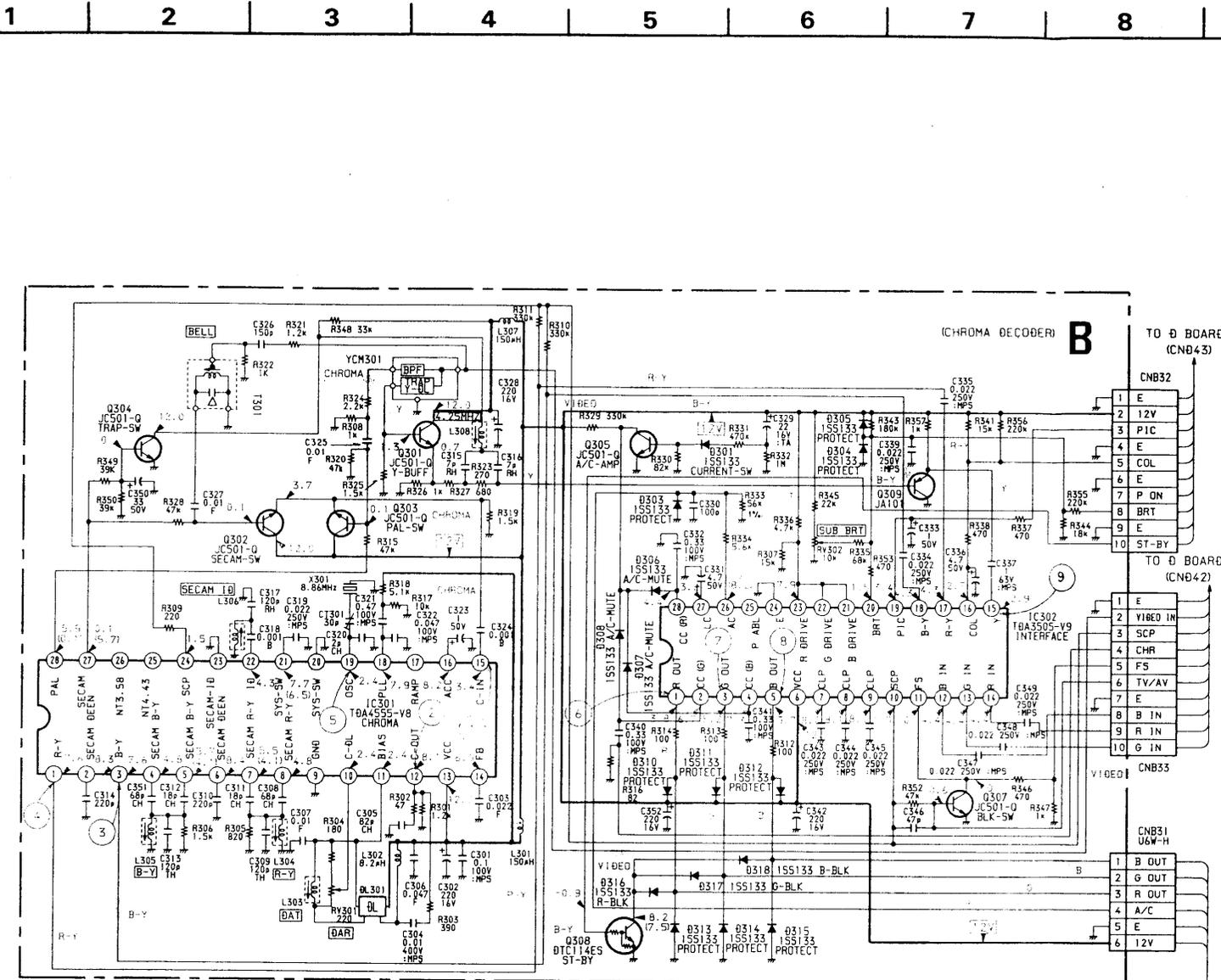
Design and specifications are subject to change without notice.

—Continued on page2—

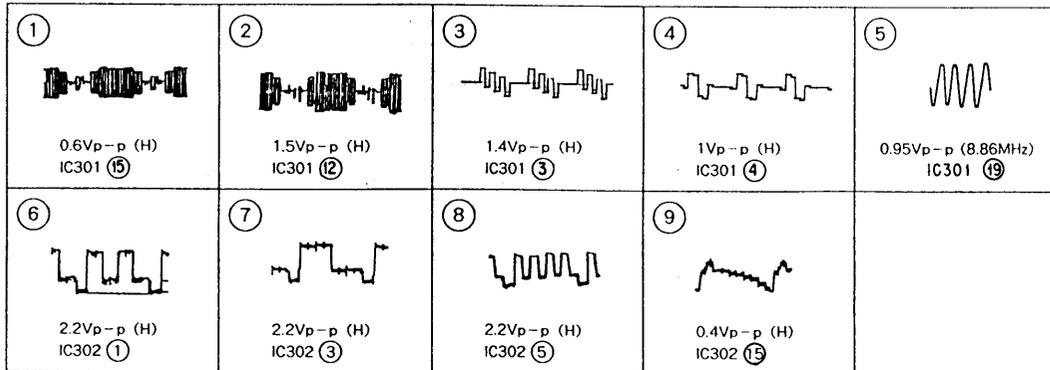


TRINITRON® COLOR TV  
**SONY®**

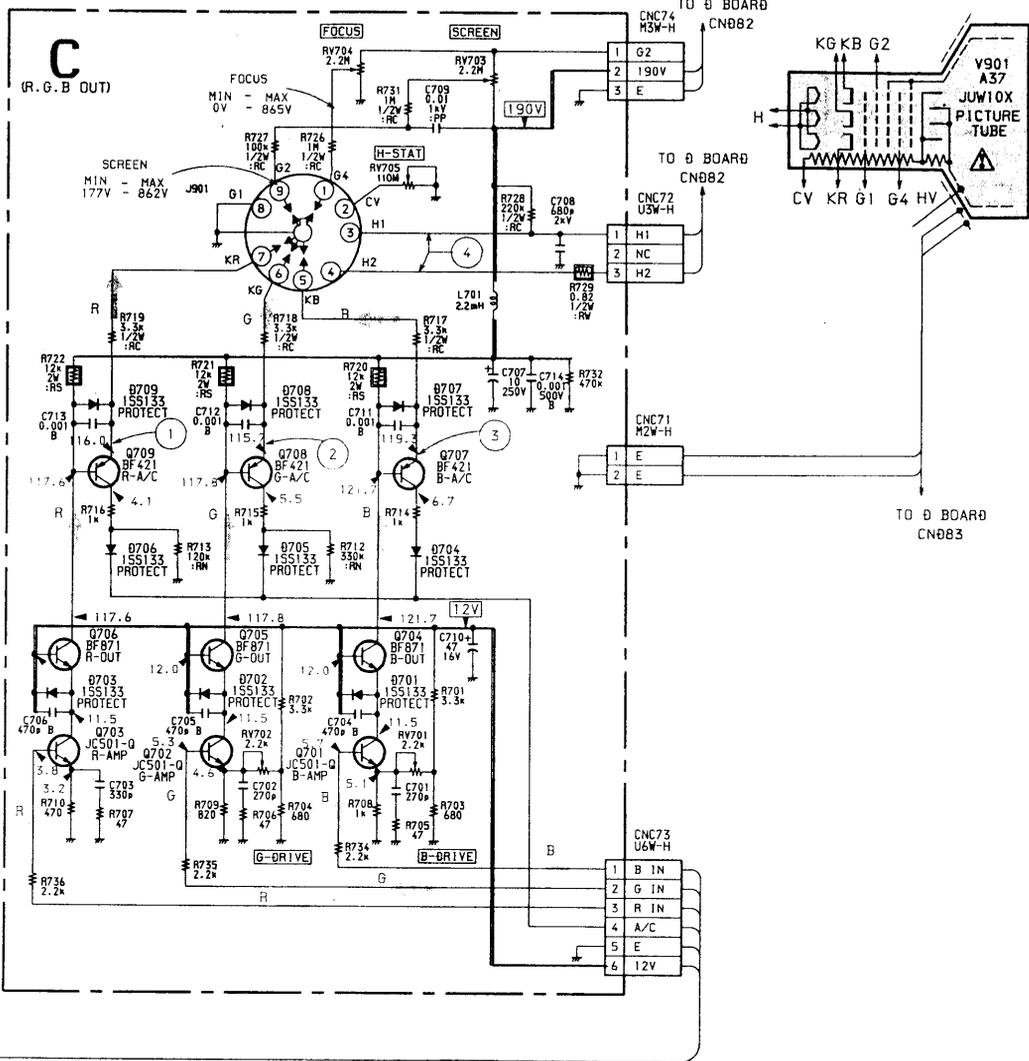
5-4. SCHEMATIC DIAGRAM (2)



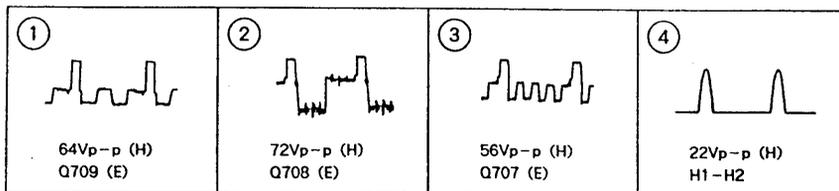
B BOARD WAVEFORM



8 9 10 11 12 13 14 15



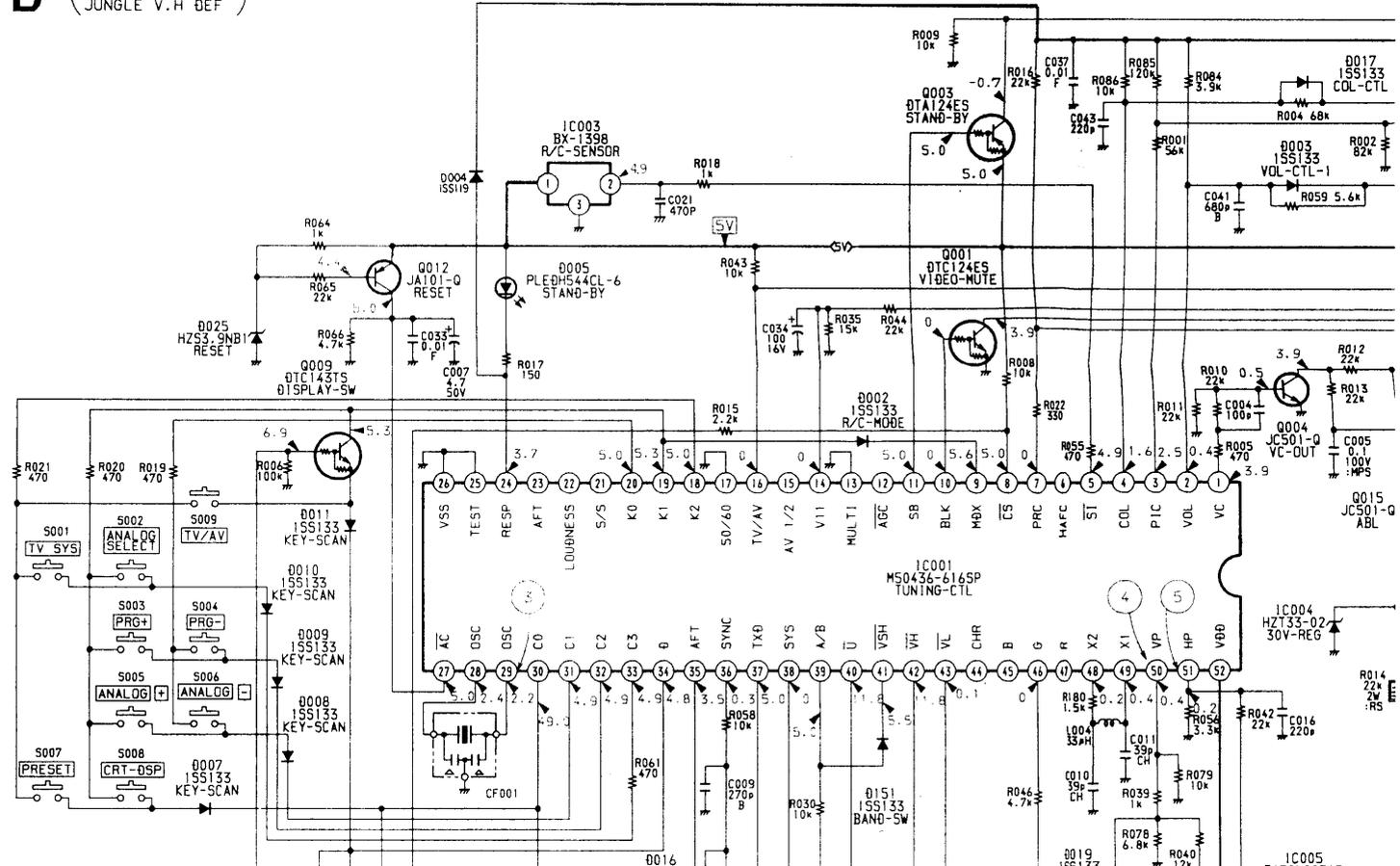
**C BOARD WAVEFORM**

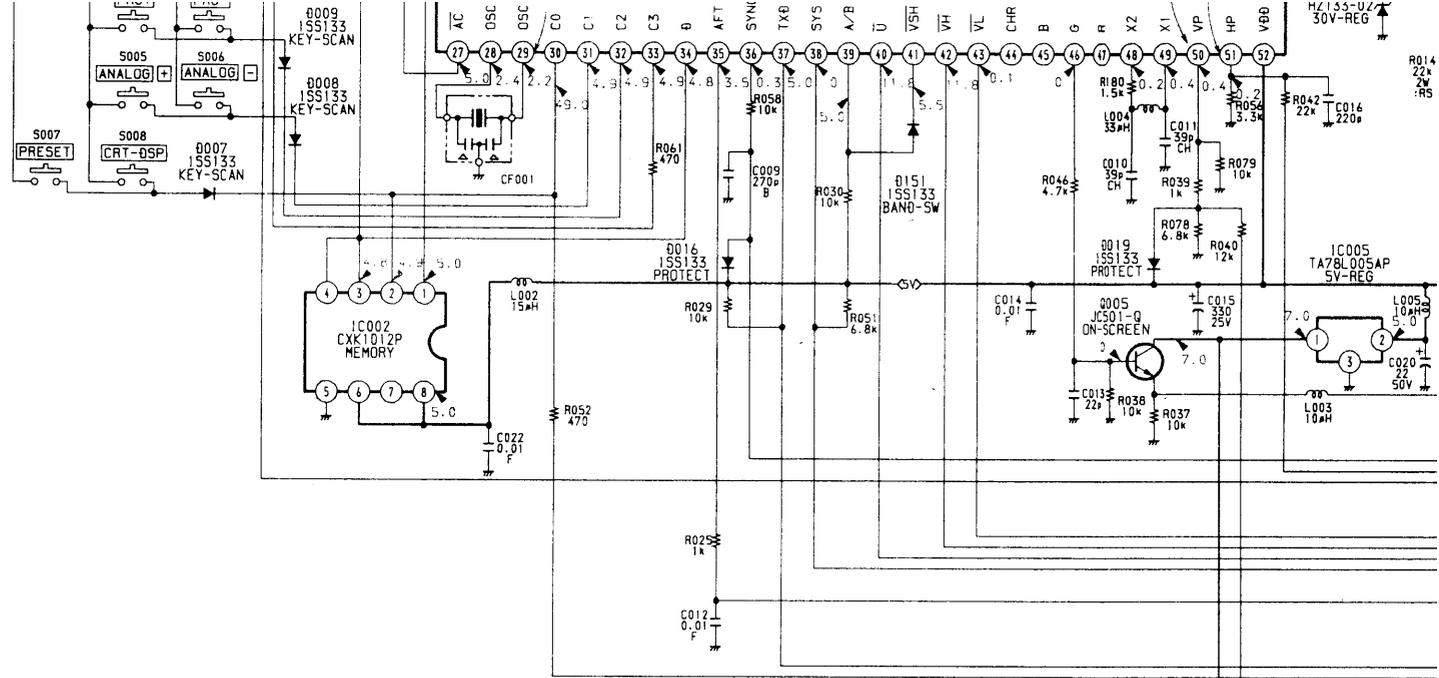


5-2. SCHEMATIC DIAGRAM (1)

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

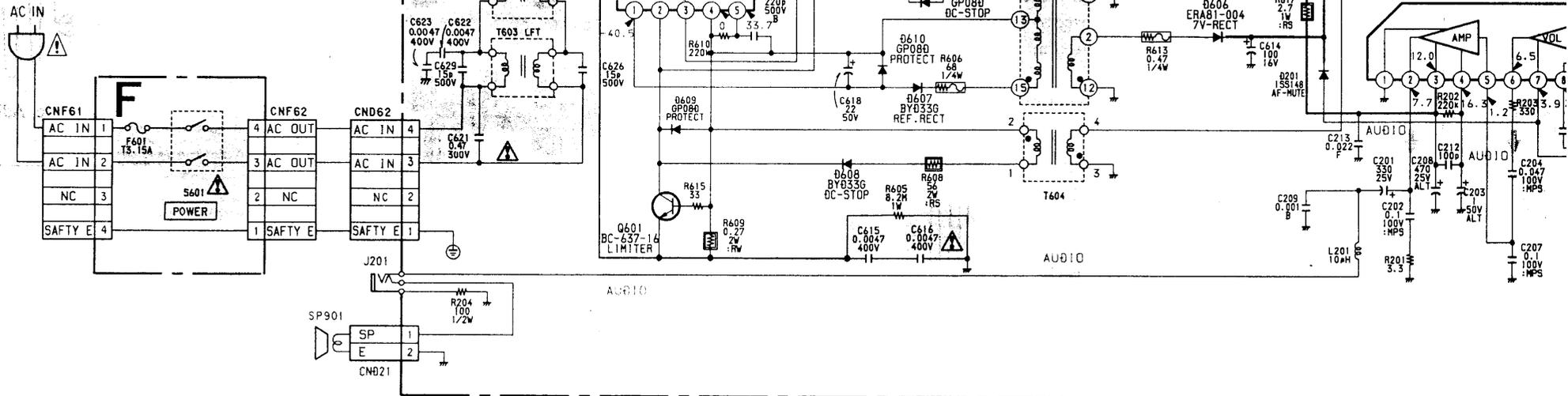
**D** ( Y-CHROMA  
JUNGLE V.H DEF )

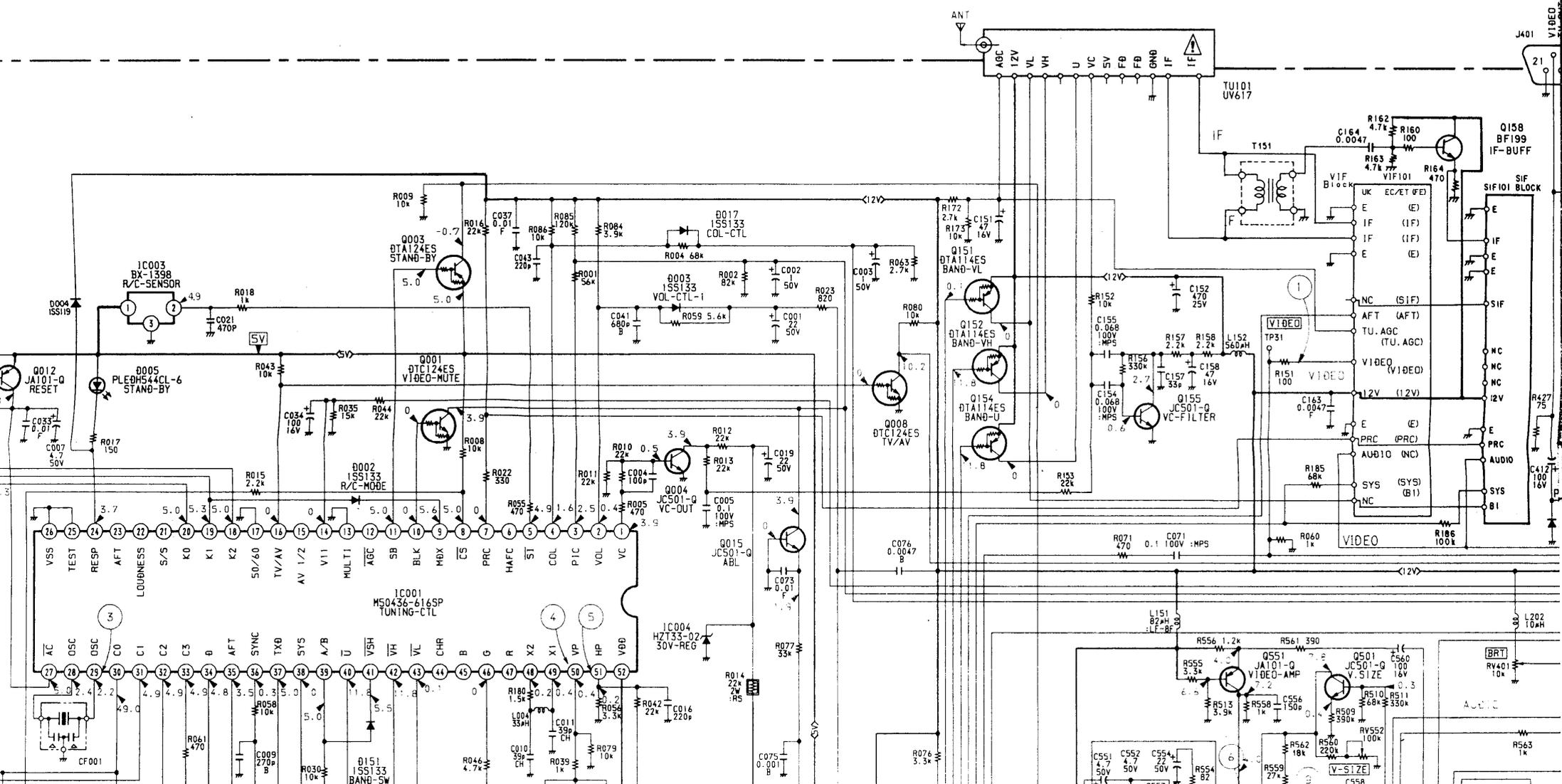


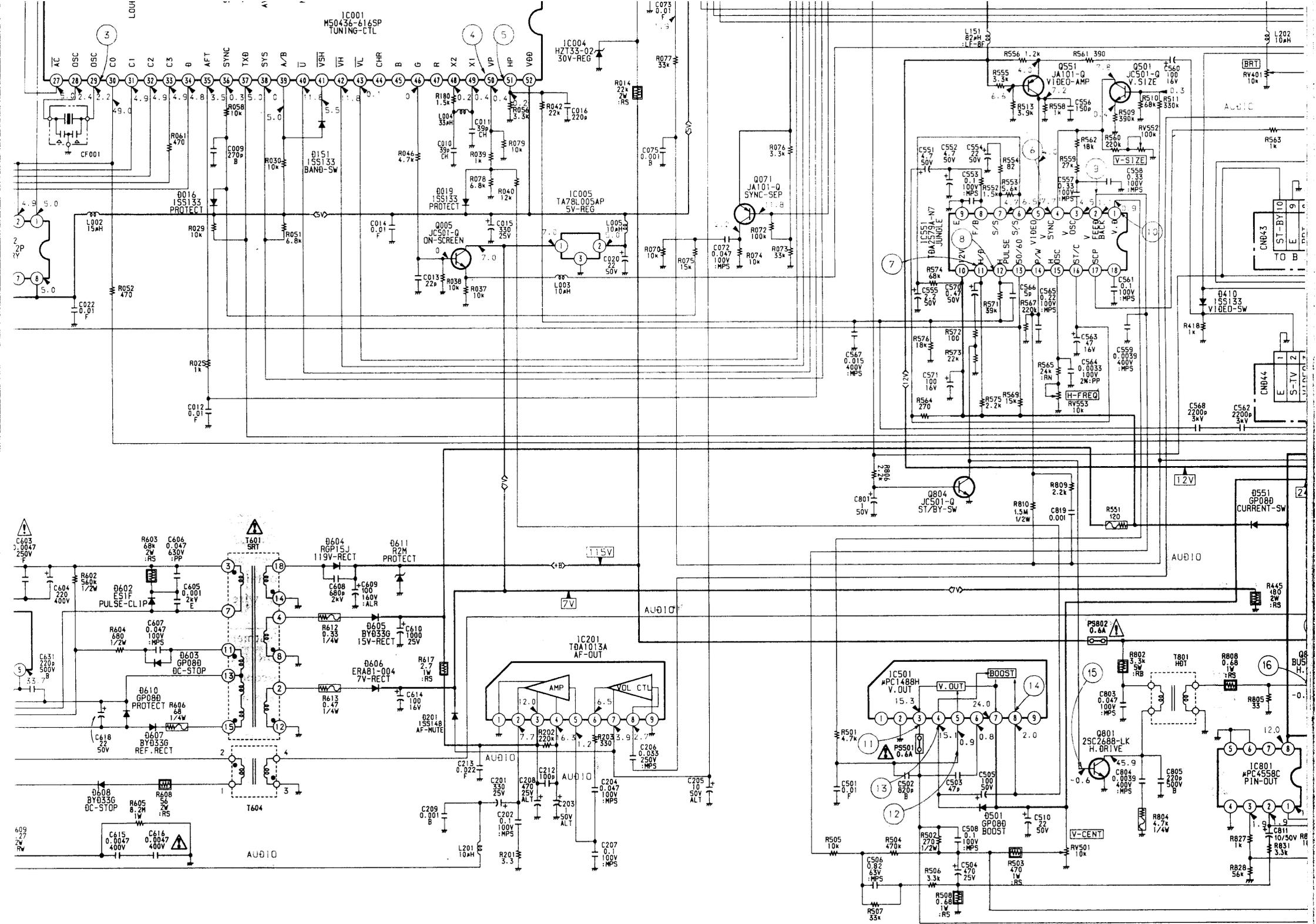


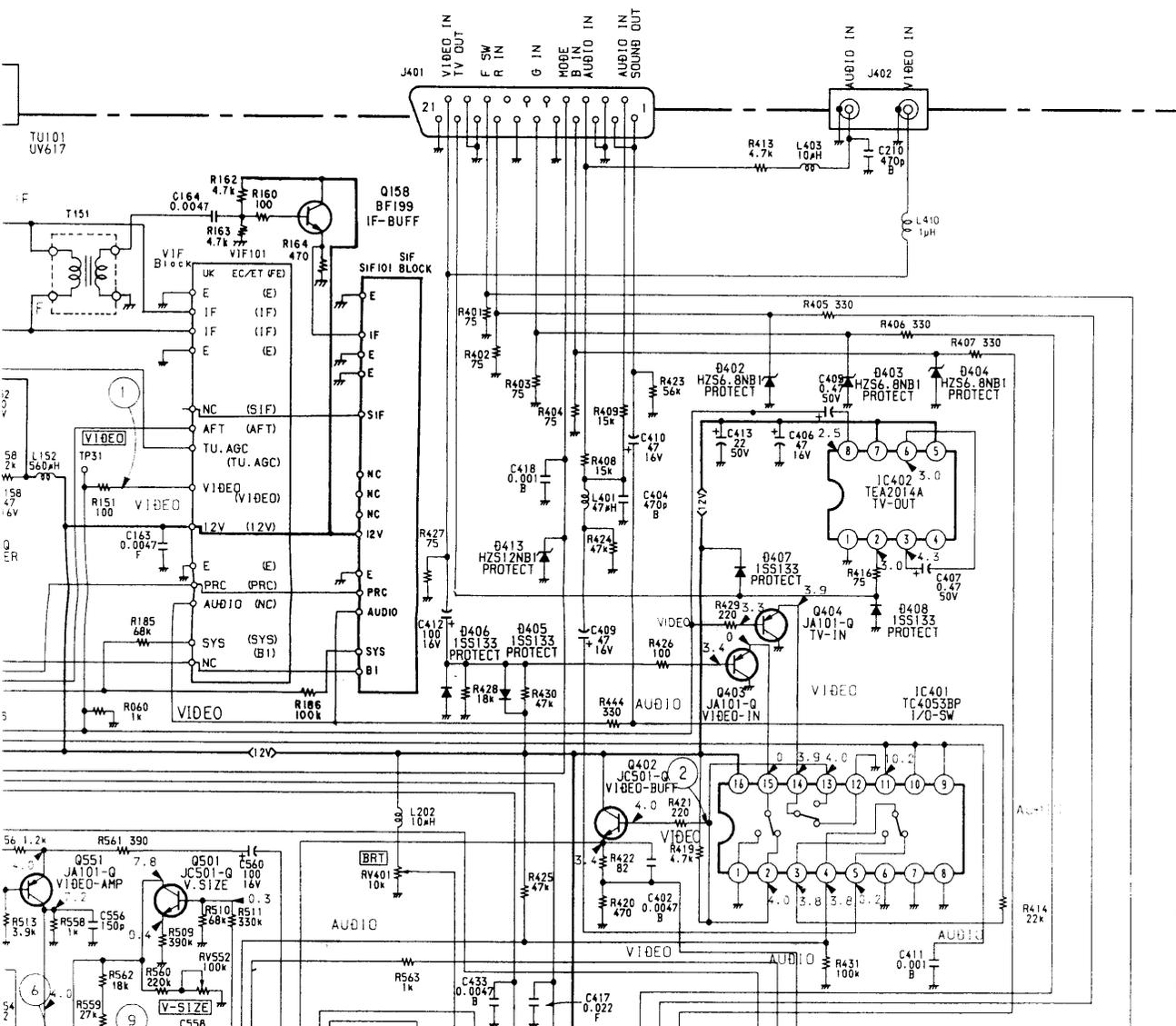
IC601  
STR54041

- 1 Vout/Sense
- 2 Base drive
- 3 Input
- 4 Common
- 5 Vout control











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

Les composants identifiés par une trame et par une marque  $\Delta$  sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

KV-M161  
RM-65

D

REF. NO.	PART NO.	DESCRIPTION	REMARK
R556	1-249-418-11	CARBON	1.2K 5% 1/4W
R558	1-249-417-11	CARBON	1K 5% 1/4W
R559	1-249-434-11	METAL	27K 5% 1/4W
R560	1-247-887-00	METAL	220K 5% 1/4W
R561	1-249-412-11	CARBON	390 5% 1/4W
R562	1-249-432-11	METAL	18K 5% 1/4W
R563	1-249-417-11	CARBON	1K 5% 1/4W
R564	1-249-410-11	CARBON	270 5% 1/4W
R565	1-215-454-00	METAL	24K 1% 1/6W
R567	1-247-887-00	CARBON	220K 5% 1/4W
R569	1-249-431-11	CARBON	15K 5% 1/4W
R571	1-249-436-11	CARBON	39K 5% 1/4W
R572	1-249-405-11	CARBON	100 5% 1/4W
R573	1-249-433-11	CARBON	22K 5% 1/4W
R574	1-249-439-11	CARBON	68K 5% 1/4W
R575	1-249-421-11	CARBON	2.2K 5% 1/4W
R576	1-249-432-11	CARBON	18K 5% 1/4W
R601 $\Delta$	1-205-909-11	WIREWOUND	3.3 5% 10W
R602	1-214-931-00	CARBON	560K 5% 1/2W
R603	1-215-903-11	METAL OXIDE	68K 5% 2W
R604	1-247-750-11	CARBON	680 5% 1/2W
R605 $\Delta$	1-247-289-11	CARBON	8.2M 5% 1W
R606	1-212-877-11	FUSIBLE	68 5% 1/4W
R608	1-216-449-11	METAL OXIDE	56 5% 2W
R609	1-207-905-00	WIREWOUND	0.27 10% 2W
R610	1-247-887-00	CARBON	220K 5% 1/4W
R612	1-217-809-91	FUSIBLE	0.33 5% 1/4W
R613	1-217-811-91	FUSIBLE	0.47 5% 1/4W
R615	1-249-399-11	CARBON	33 5% 1/4W
R617	1-216-354-11	METAL OXIDE	2.7 5% 1W F
R801	1-217-811-91	FUSIBLE	0.47 5% 1/4W
R802	1-205-642-00	WIREWOUND	3.3K 10% 5W F
R804	1-217-822-91	FUSIBLE	4.7K 5% 1/4W
R805	1-249-399-11	CARBON	33 5% 1/4W
R806	1-249-421-11	CARBON	2.2K 5% 1/4W
R807	1-212-877-11	FUSIBLE	68 5% 1/4W
R808	1-216-347-11	METAL OXIDE	0.68 5% 1W F
R809	1-249-421-11	CARBON	2.2K 5% 1/4W
R810	1-202-721-00	SOLID	1.5M 10% 1/2W
R822	1-247-903-00	CARBON	1M 5% 1/4W
R823	1-217-820-91	FUSIBLE	3.3K 5% 1/4W
R824	1-249-434-11	CARBON	27K 5% 1/4W
R826	1-249-430-11	CARBON	12K 5% 1/4W
R827	1-249-417-11	CARBON	1K 5% 1/4W
R828	1-249-438-11	CARBON	56K 5% 1/4W
R829	1-247-883-00	CARBON	150K 5% 1/4W
R830	1-249-429-11	CARBON	10K 5% 1/4W
R831	1-249-423-11	CARBON	3.3K 5% 1/4W
R833	1-212-857-00	FUSIBLE	10 5% 1/4W
R852	1-216-431-11	METAL OXIDE	560 5% 1W
R854	1-217-811-91	FUSIBLE	0.47 5% 1/4W
R855	1-202-830-00	SOLID	10K 10% 1/2W
R856	1-217-825-11	FUSIBLE	8.2K 5% 1/4W
R857	1-247-887-00	CARBON	220K 5% 1/4W
R858	1-215-882-00	METAL OXIDE	22 5% 2W

<VARIABLE RESISTOR>

RV401	1-238-163-11	RES, VAR, CARBON	10K
RV501	1-238-016-11	RES, ADJ, CARBON	10K
RV552	1-238-020-11	RES, ADJ, CARBON	100K
RV553	1-238-016-11	RES, ADJ, CARBON	10K
RV801	1-223-102-00	RES, ADJ, WIREWOUND	120
RV802	1-238-019-11	RES, ADJ, CARBON	47K

REF. NO.	PART NO.	DESCRIPTION	REMARK
<SWITCH>			
S001	1-571-532-21	SWITCH, TACTIL	
S002	1-571-532-21	SWITCH, TACTIL	
S003	1-571-532-21	SWITCH, TACTIL	
S004	1-571-532-21	SWITCH, TACTIL	
S005	1-571-532-21	SWITCH, TACTIL	
S006	1-571-532-21	SWITCH, TACTIL	
S007	1-571-532-21	SWITCH, TACTIL	
S009	1-571-532-21	SWITCH, TACTIL	
<SPARK GAP>			
SG801	1-519-422-11	GAP, SPARK	
<IF BLOCK>			
SIF101	1-464-963-11	IF BLOCK (IFG-334F)	
VIF101	1-464-962-11	IF BLOCK (IFG-389FS)	
<TRANSFORMER>			
T151	1-404-806-11	COIL	
T601 $\Delta$	1-449-275-12	S.R.T	
T603 $\Delta$	1-421-776-11	LFT	
T604 $\Delta$	1-424-078-11	TRANSFORMER, TRIGGER PULSE	
T605 $\Delta$	1-421-862-11	LFT	
T801	1-437-078-00	TRANSFORMER, HORIZONTAL DRIVE	
T851 $\Delta$	1-439-432-11	TRANSFORMER ASSY, FLYBACK	
<THERMISTOR>			
TH601 $\Delta$	1-806-165-11	THERMISTOR (POSITIVE)	
<TUNER>			
TU101 $\Delta$	1-463-881-11	TUNER, ET (UV-617)	
*****			
MISCELLANEOUS			
*****			
$\Delta$ 1-451-304-21	DEFLECTION YOKE (Y16SXA)		
1-452-032-00	MAGNET, DISK; 10MM $\phi$		
1-452-094-00	MAGNET, ROTATABLE DISK; 15MM $\phi$		
1-452-277-00	MAGNET, BMC		
1-503-344-21	SPEAKER (8CM CONE TYPE)		
$\Delta$ 1-559-824-11	CORD, POWER (WITH CONNECTOR)		
L901 $\Delta$	1-426-317-21	COIL, DEGAUSSING	
V901 $\Delta$	8-738-852-05	PICTURE TUBE (A37JUW10X)	
*****			