

M 58655P
M 50431-100SP
LM 393
M 50460-0019
TA 7607AP
M 51397
TA 7698AP

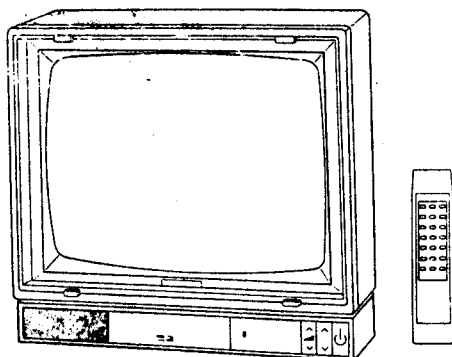
TDA 8190
STR 5412
V.N.T.DCF 2077

DUBROVKINJA

X

COLOR TELEVISION SERVICE MANUAL

CHASSIS NO. C-41 PAL-B/G/SECAM-D/K SYSTEM



AUDIOTON / CONDOR

T-3602RM T-5103RM T-5104RM

PAL/SECAM B/G D/K

TEC 5173 VR-M
DUBROVKINJA

CONTENTS

Specification	1
Safety Instruction	2
Location of Control	3
Installation and Service Adjustment	4
General Alignment	9
IC Operation Description	11
Printed Circuit Boards	27
Wiring Connection Diagram	31
Exploded View	33
Troubleshooting Charts	35
Replacement Parts List	45
Schematic Diagram	

SPECIFICATIONS

Power Input	AC 220V, 50Hz
Power Rating	(14") 67 Watts, (20") 74 Watts
Tuning Method	Voltage Synthesizer Tuning System
Television System	PAL/SECAM-B/G
Receiving Channels	VHF Channels: 1 to 12 UHF Channels: 21 to 69 Cable Channels: S1'-S3', S1-S10, S11-S20
Antenna Terminal	75 Ohm Unbalanced Type for VHF/UHF
Picture IF Carrier Frequency	38.0 MHz
Sound IF Carrier Frequency	32.5 MHz/31.5 MHz
Color Sub-Carrier Frequency	33.57 MHz, 33.594 MHz, 33.75 MHz
Sound Output	1.0 Watts (at 10% THD)
Speaker	3 Watts 8 Ohm
Picture Tube	(14") A34JLL90 x 01 (20") A48JLL90 x 02 (14")
Dimensions	W x H x D = 368 x 341.5 x 377 (20") W x H x D = 598 x 458 x 478

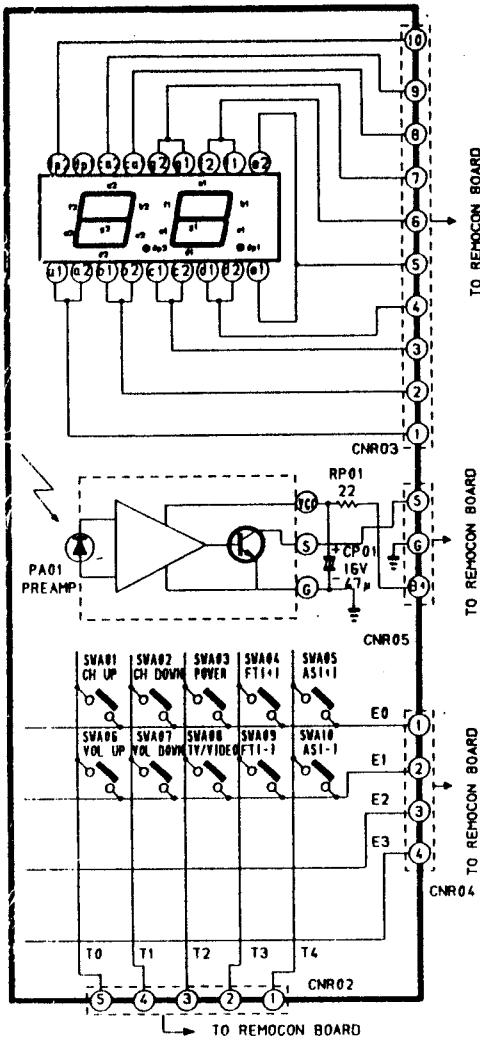
WARNING

The chassis in this receiver is hot. Use an isolation transformer between the line cord plug and power receptacle, when servicing this chassis.

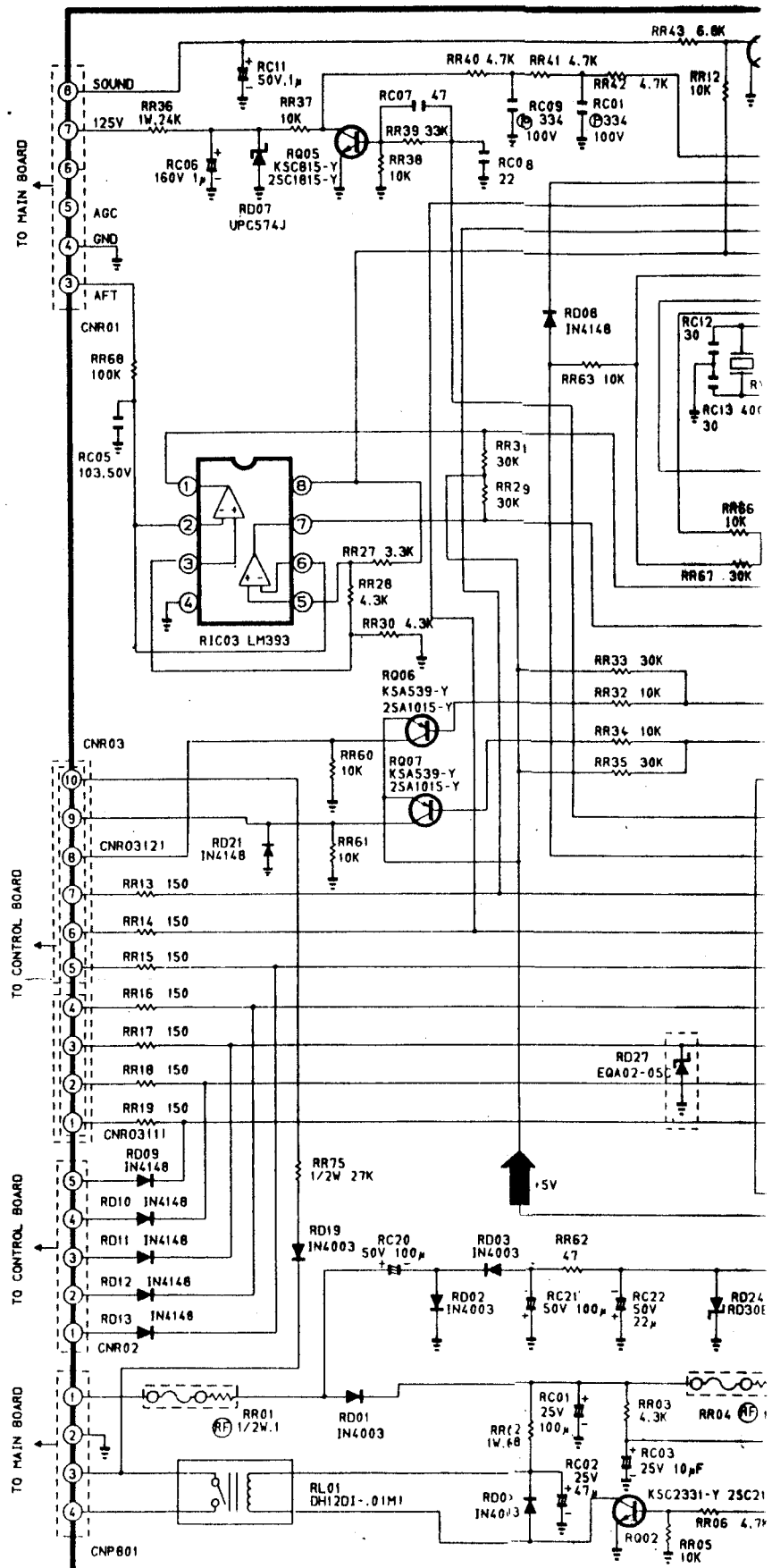
To prevent electric shock, do not remove cover. No user-serviceable parts inside. Refer servicing to qualified service personnel.

SCHEMATIC DIAGRAM REMOCON RM-101 SYSTEM

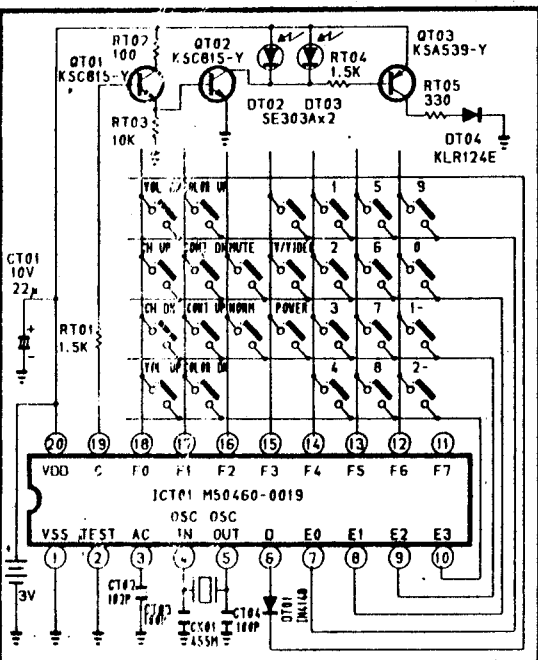
PWB-CONTROL

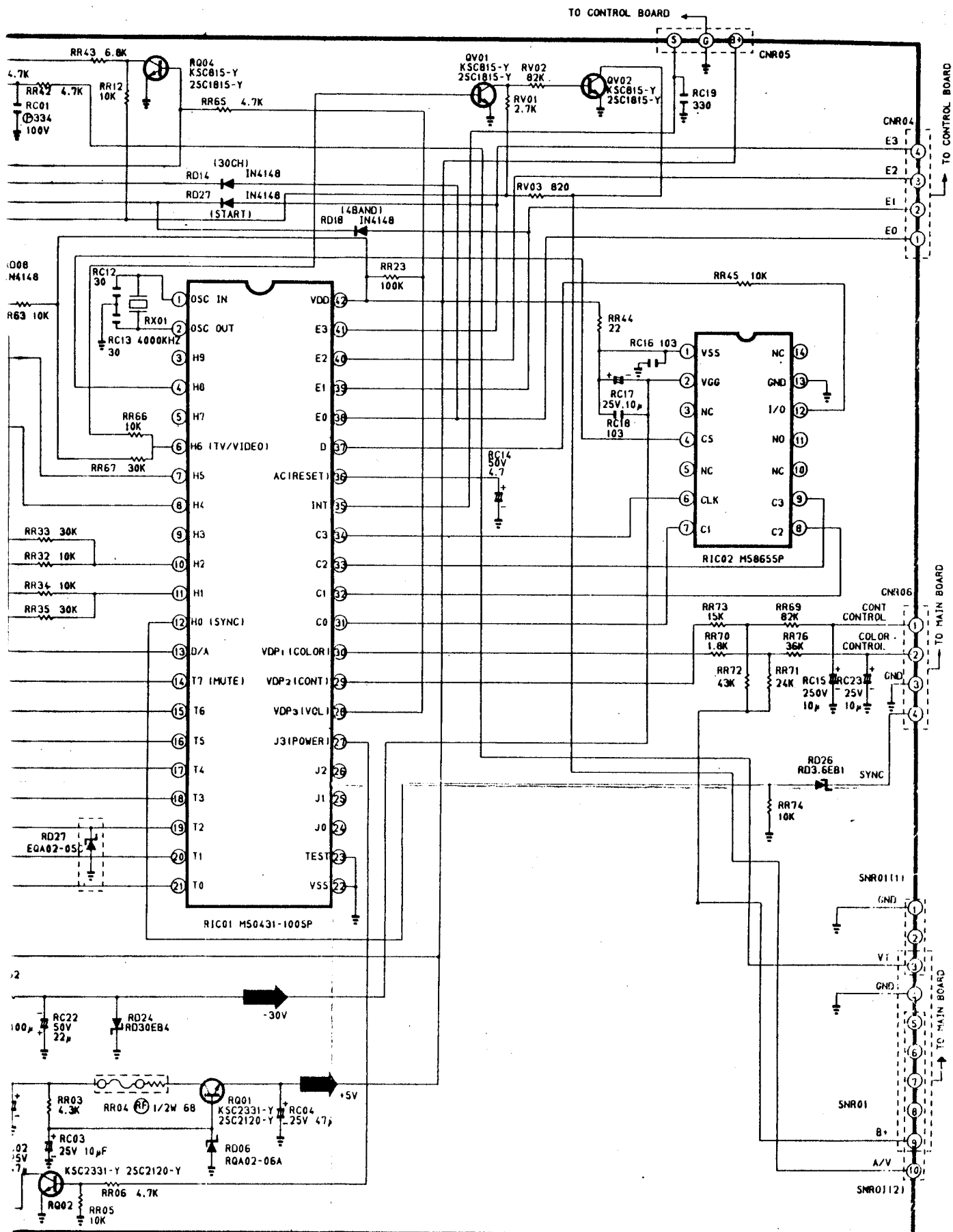


PWB-REMOCON



PWB-TRANSMITTER

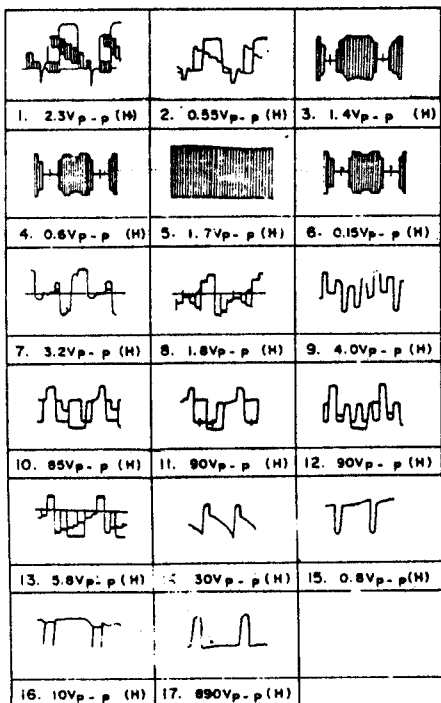




SAFETY CAUTION :

BEFORE SERVICING THIS CHASSIS, IT IS IMPORTANT THAT THE SERVICE TECHNICIAN READ AND FOLLOW THE "X-RAY RADIATION PRECAUTION," "SAFETY PRECAUTIONS" AND "PRODUCT SAFETY NOTICE" IN THE SERVICE MANUAL.

1. WAVEFORMS TAKEN USING SIGNAL FROM A STANDARD COLOR BAR GENERATOR.
2.  INDICATES WAVEFORM CHECK POINTS.



NOTES :

1. RESISTANCE VALUES ARE IN OHMS K=1000, M=1,000,000
2. CAPACITANCE VALUES 1.0 AND ABOVE ARE IN pF, THOSE BELOW ARE IN uF EXCEPT AS INDICATED.
3. INDUCTOR VALUES IN uH EXCEPT AS INDICATED.
4. VOLTAGES ARE MEASURED FROM CHASSIS GROUND TO POINT INDICATED WITH A "VTVM" WHILE RECEIVING A COLOR BAR SIGNAL WITH ALL CONTROLS SET TO THE MAXIMUM POSITION. (FOR A NOMINAL LINE VOLTAGE AC 110-280V, 50HZ).
5. SINCE THE CIRCUIT DIAGRAM IS A STANDARD ONE, THE CIRCUIT AND CIRCUIT CONSTANTS MAY BE SUBJECT TO CHANGE FOR IMPROVEMENT WITHOUT ANY NOTICE.

PRODUCT SAFETY NOTE :

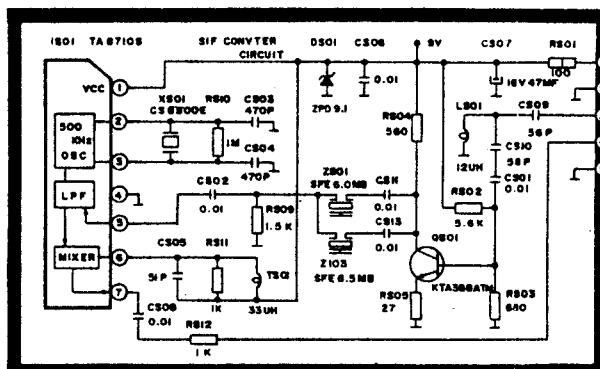
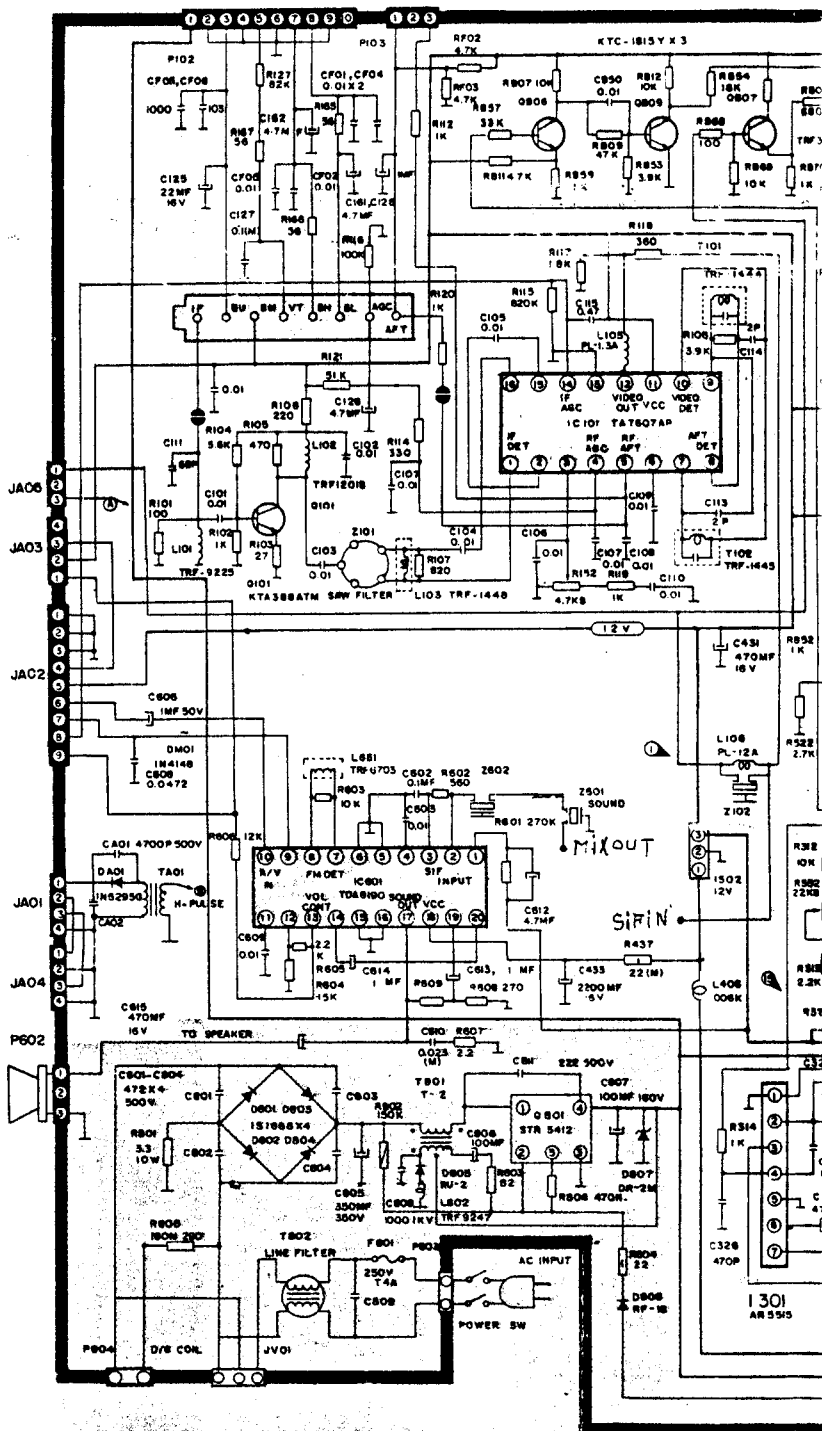
SHADED COMPONENTS HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY AND SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL OR SPECIFIED IN THE PARTS LIST.
DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

LOCAT- ION NO	14.16 INCH	20 INCH	LOCAT- ION NO	14.16 INCH	20 INCH
Q402	25D1554	25D1558			
T301	SPC482580	SPC482548	R241	150K OHM	120K OHM
T402	OCF 1551P	OCF 2052P	R431	2W 8 OHM (F)	2W 1 OHM (F)
C325	0.30 200V	0.33 200V			
C480	3000 1.6KV	3800 1.6KV	CRT	14" 370 E6822	510R J8 22
				18" 420 E6822	

SCHEMATIC DIAGRAM

(C-41M)

S/N 4858817719



NOTE: TA8710S (1301) CAN BE ALTERNATED WITH TA8615H. IN THAT CASE, THE RELATION OF PIN CONNECTION BETWEEN TA8710S AND TA8615H IS AS FOLLOWS.

IC	PIN	NO

