

NOBLEX

Chassis : P62SA(N. M. H)

System : PAL-N.M.NT3.58

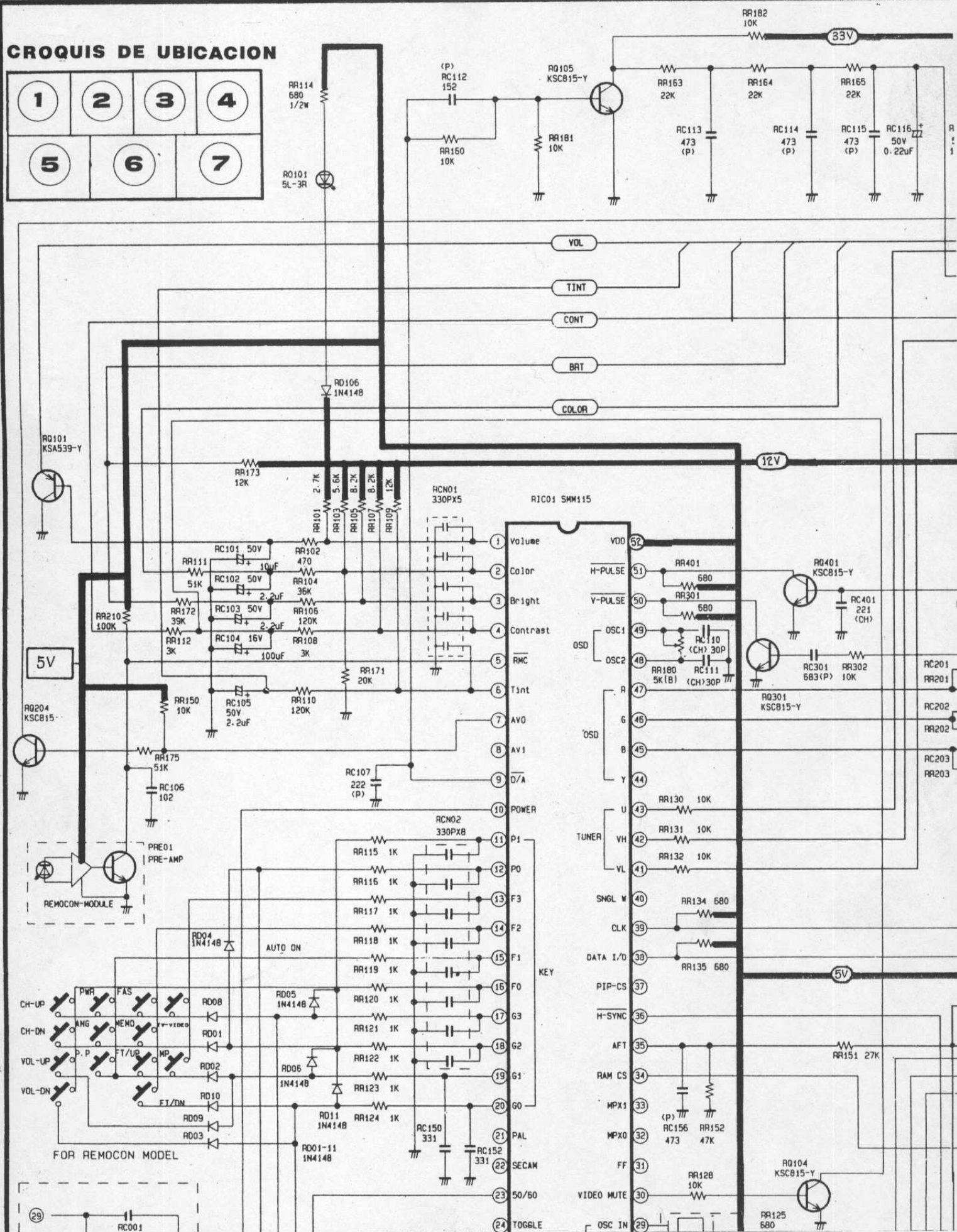
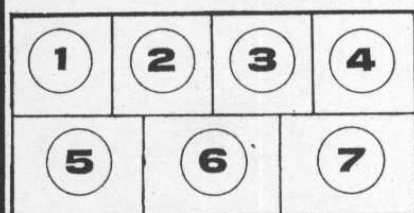
MODS: 16TC698 20TC697 20TC601

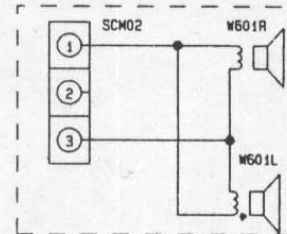
CHASIS: P62SA(N)&RM115

1

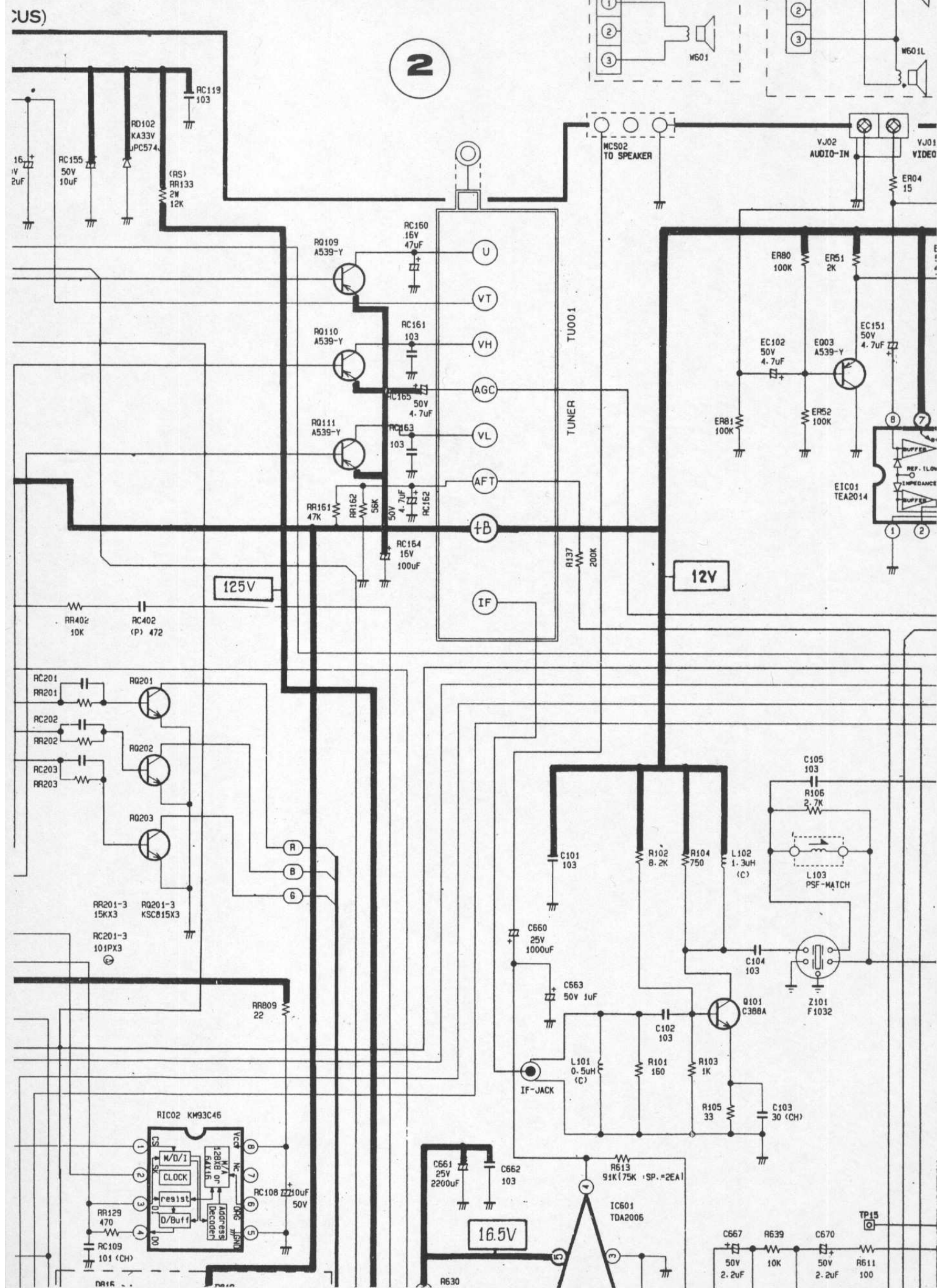
PWB-MAIN: 33004-157-301 (MINI-NECK) 33004-157-641 (NORMAL) 33004-157-651 (HIGH FOCUS)

CROQUIS DE UBICACION

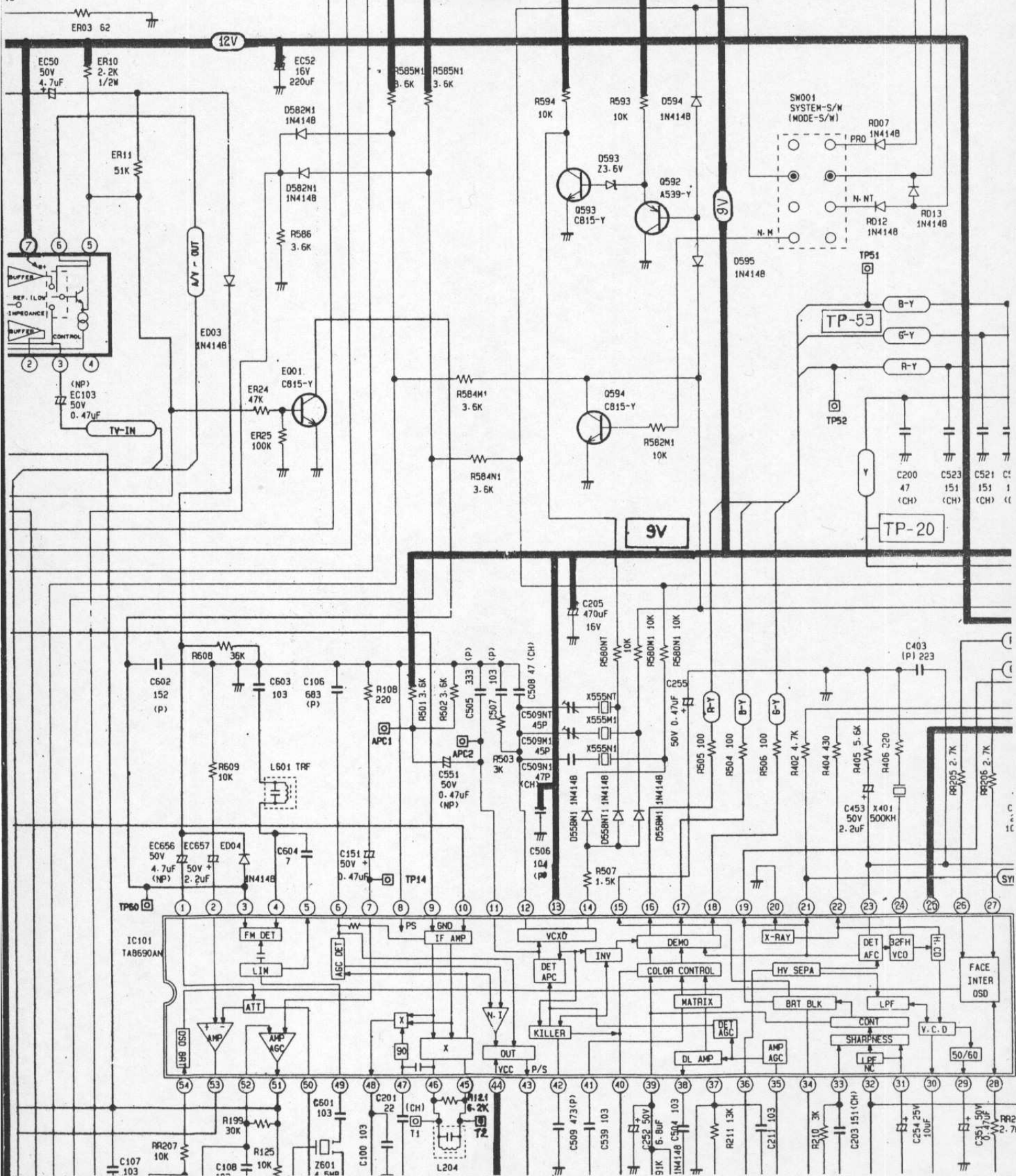




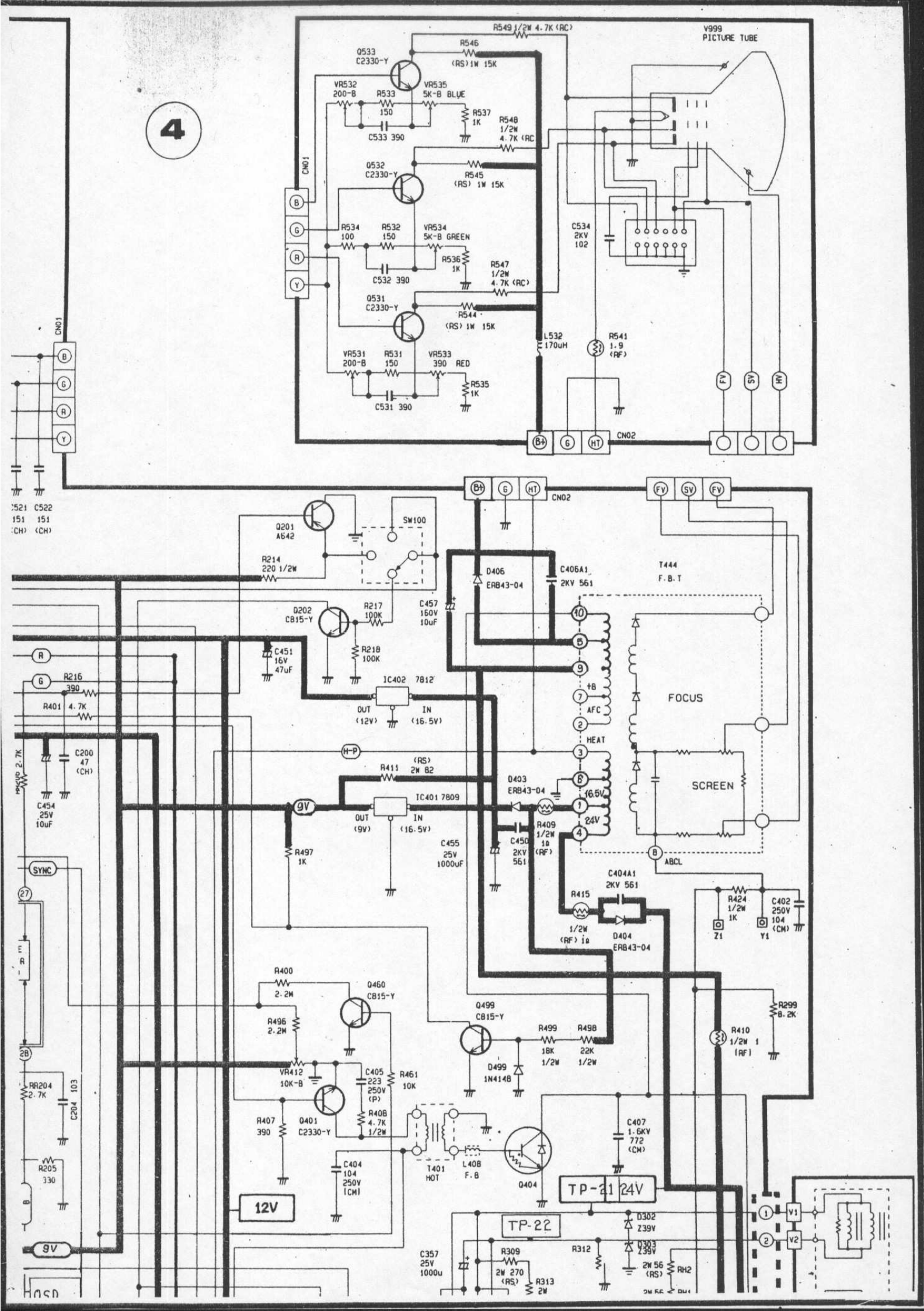
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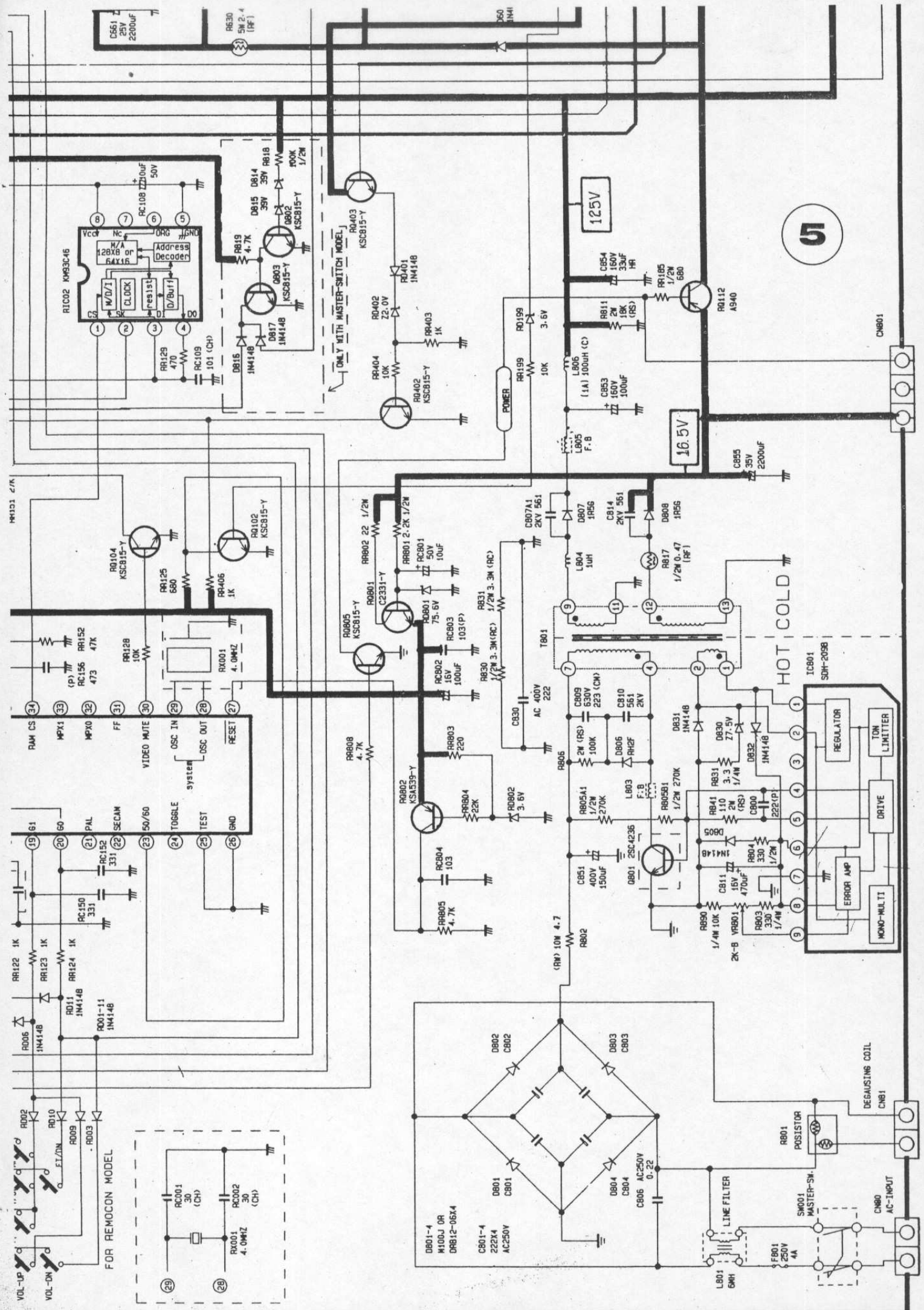


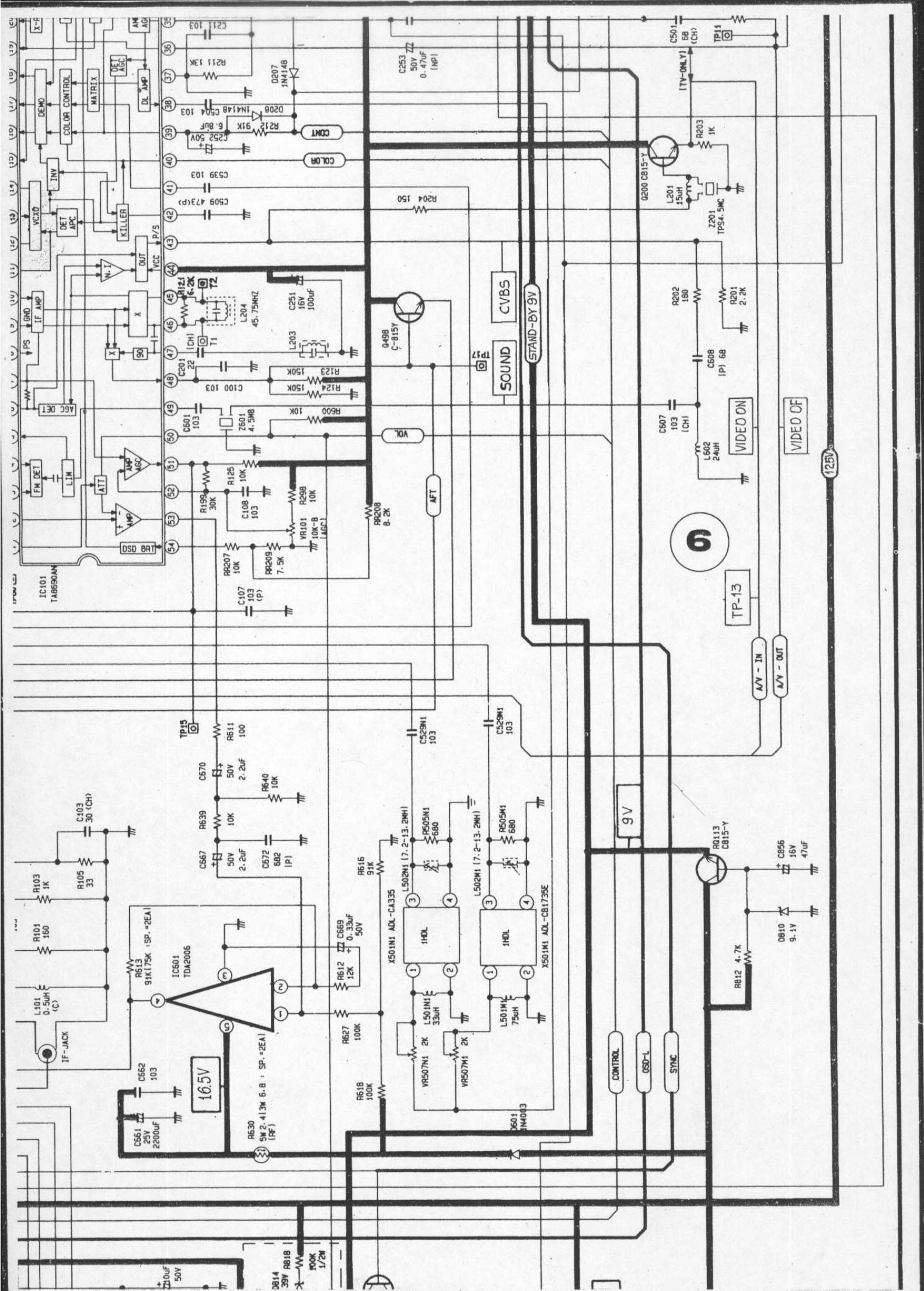
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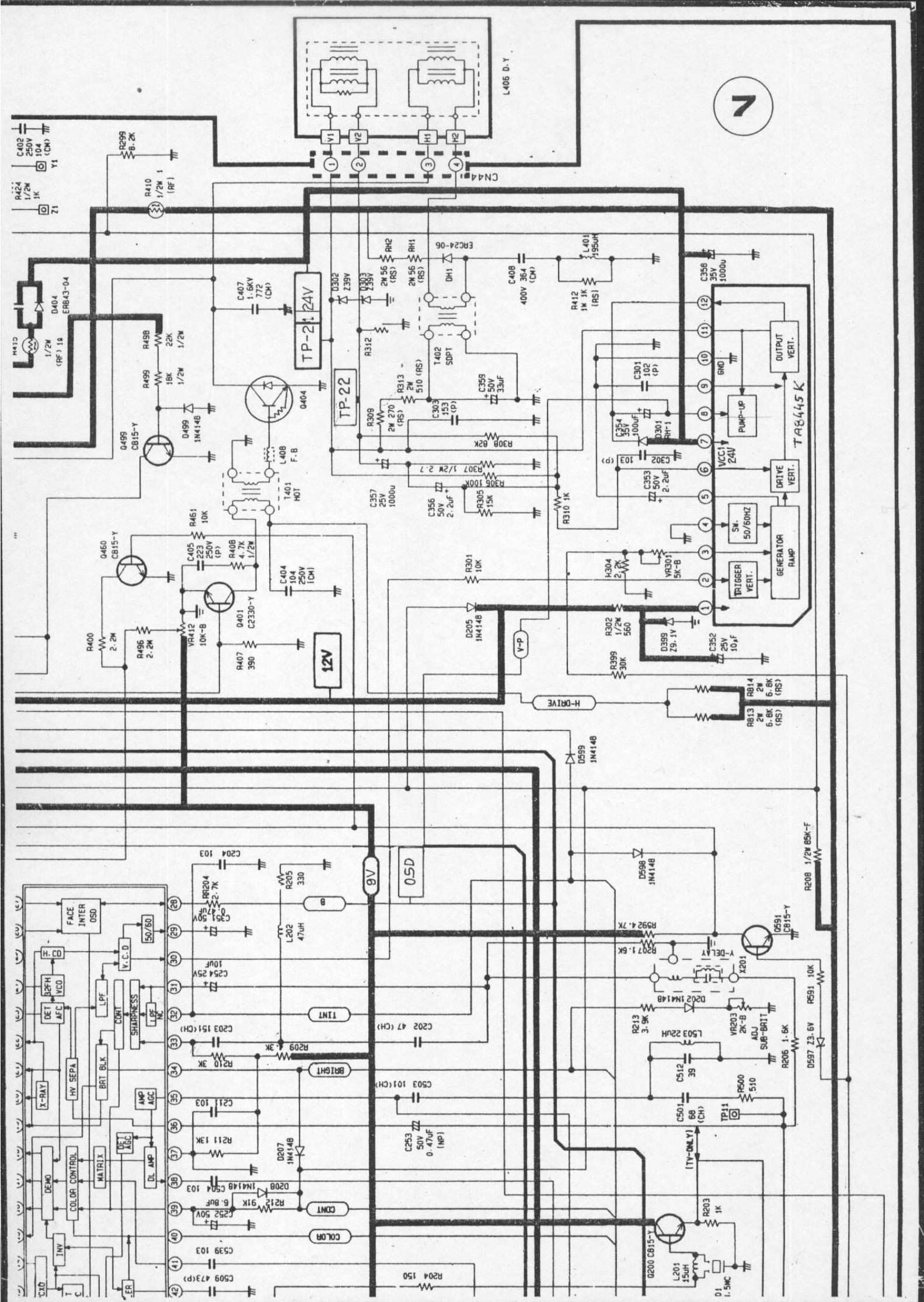


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MODS: 16TC698 20TC697 20TC699

CHASIS: P62SA(N)&RM115

System	PAL - N/M
Band	
VHF	2 - 13
UHF	14 - 83
System	PAL - N/M
I-F Carrier Frequency	
Picture I-F Carrier	45.75
Sound I-F Carrier	41.25
Colour Sub Carrier	42.17

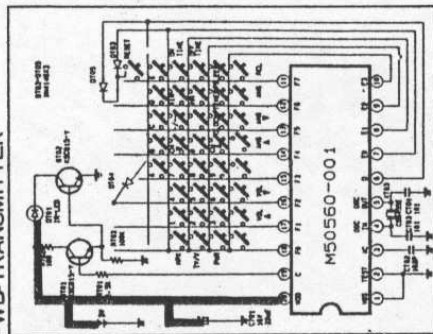
(Units:MHz)

Replacement Table

Inch Type		LOC NODES		14-16INCH		18-20INCH	
T444	FBI	FCM1411LO1		FCM20 15ML			
V999	CRT	3720B22.14				5120622	
		42GG9A1X.16					
Q404	TH	2SC1650		25C1651			
				DIE-I 492HL			
L406	D. Y			DIEI 692HL			OIE-1992GL

CRT-Socket Type			CHASSIS NAME	
LOC-NO	DES CRPTION	PR25AIPR25N1	PR25M	PR25H
T444	FBT	14" FCM-1411L11 20" FCM-2015ML	14" FCM-2014FL	21" FCM-20A023
R309	R-METAL ONDE	RS 21 270J OR RS 21 670J	-	-
R313	R-METAL ONDE	RS 21 510J	-	-
C359	C-ELECTROLYTIC	CE04W 50V 33μ	-	-
R311	R-CARBON	-	-	RS 21 380-J
C311	C-POLYESTER	-	-	-
T402	TRANS- PINCUSHION	LH: 254μH LV: 61 MH	-	-
L410	COIL-HORI WIDTH	-	-	-
R641	R-FUSIBLE	RF 2P 19-J	RF 2P 2 4-J	RF 2P 2 4-J
L401	COIL-LINEARITY	K-10/195μH	220μH	230μH
V999A	SOCKET-CRT	B12-262 BASE	HF-22 5A	HF-29 1A
C401	POLYPROPYLENE	CF5 922M 1 6KV 172-H	CF5 922M 1 6KV 172-H	CF5 922M 1 6KV 832-H
R309	R-CARBON	RD 1/8T 100K-J	RD 1/8T 100K-J	RD 1/8T 91K-J
R306	R-CARBON	RD 1/2 127-J	RD 1/2 27-J	RD 1/2T 1 8-J
C352	C-ELECTROLYTIC	CE04W 25V 1000M	CE04W 25V 1000M	CE04W 25V 2200M

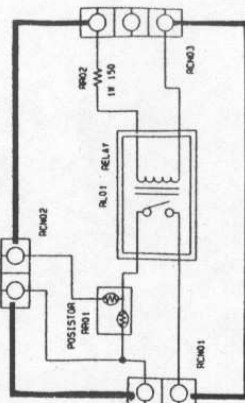
PWB-TRANSMITTER



PSL							
PFR							
NORMAL							
FAST							
ANG							
FAST							
ANG							
LNG							
SEL							

OPTION(Argentina Only)

PWB-RELAY (33004-157-591)



TESTPOINT WAVEFORM

TP-11	TP-20	TP-21	TP-22	TP-24
<p>CHI 50mV - A 20μs 44.5mV - V_{CT}</p> <p>ChI gnd</p>	<p>CHI 100mV - A 20μs 139mV - VERT</p> <p>ChI gnd</p>	<p>CHI 2V - A 10ms 4.75V - VERT</p> <p>ChI gnd</p>	<p>CHI 100mV - A 10ms 85.5mV - VERT</p> <p>ChI gnd</p>	<p>CHI 10mV - A 20μs -2.73mV - VERT</p> <p>ChI gnd</p>
<p>TP-51</p> <p>CHI 50mV - A 20μs 140mV - VERT</p> <p>ChI gnd</p>	<p>TP-52</p> <p>CHI 50mV - A 20μs 140mV - VERT</p> <p>ChI gnd</p>	<p>TP-53</p> <p>CHI 50mV - A 20μs 140mV - VERT</p> <p>ChI gnd</p>	<p>TP-60</p> <p>CHI 100mV A 1ms 264mV VERT</p> <p>ChI gnd</p>	<p>TP13\RightarrowIF Control TP14\RightarrowIF Control DC Voltage (+4.5V) TP15\RightarrowAGC Voltage Control TP17\RightarrowAFT Control</p>

Note

1. Resistance is shown in ohm $K = 1,000$ $M = 1,000,000$
2. Unless otherwise noted, all resistor values less than 10 are in Ω
3. Unless otherwise noted, all capacitor values less than 1 are in pF
4. Unless otherwise noted in schematic all inductor values are in μH
5. Volt are expressed in μV
6. A voltmeter read with V.T.V.M. (input impedance 21 M Ω) range from point indicated to chassis ground using a color bar signal with all control at nominal line voltage 120 volts.
7. Waveforms in circumference circuit are taken receiving a color bar signal with enough sensitivity.
8. Waveforms from other Circuit are taken using an signal under normal receiving conditions.
9. Voltage readings shown are normal values and may vary 20% except as noted.
10. Schematic fundamental circuit diagram shows production changes may vary without revision of the diagram.
11. The circuits enclose in dotted lines are optional parts [1].
12. The circuits are subject to change without notice to improve the picture quality.

Symbol

CAPACITOR		No Mark
Ceramic-SL	(RH)	
Ceramic-RH	(CH)	
Ceramic-CH	(P)	
Polyester(Product)	(PMU)	
Polyester(Noninduct)	(PP)	
Polypropylene	(MP)	
Metall Polyester	(MPP)	
M. P. Polypropylene	(T)	
Tantalum	(N)	
Non Polar		

RESISTOR	
Carbon	No Mark
Composition	(RC)
Metal Oxide	(RS)
Metal Film	(RM)
Fusible	(RF)
Cement Wire	(RW)
Network	(RN)