

# System Block Diagram

**SAMSUNG**

**CHASSIS:** SCT12B  
**MODEL:** CK6202WB  
 CK6202WTR  
 CK7202WB  
 CK7202N  
 CK7202WTR

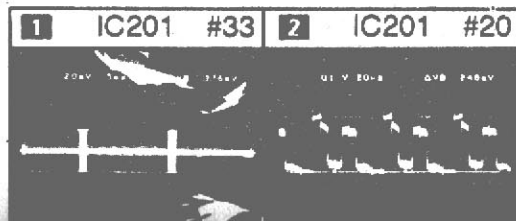
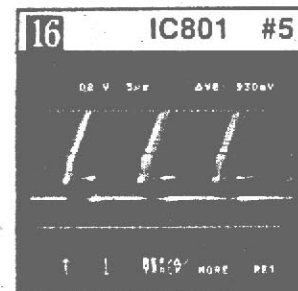
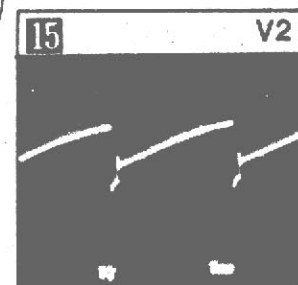
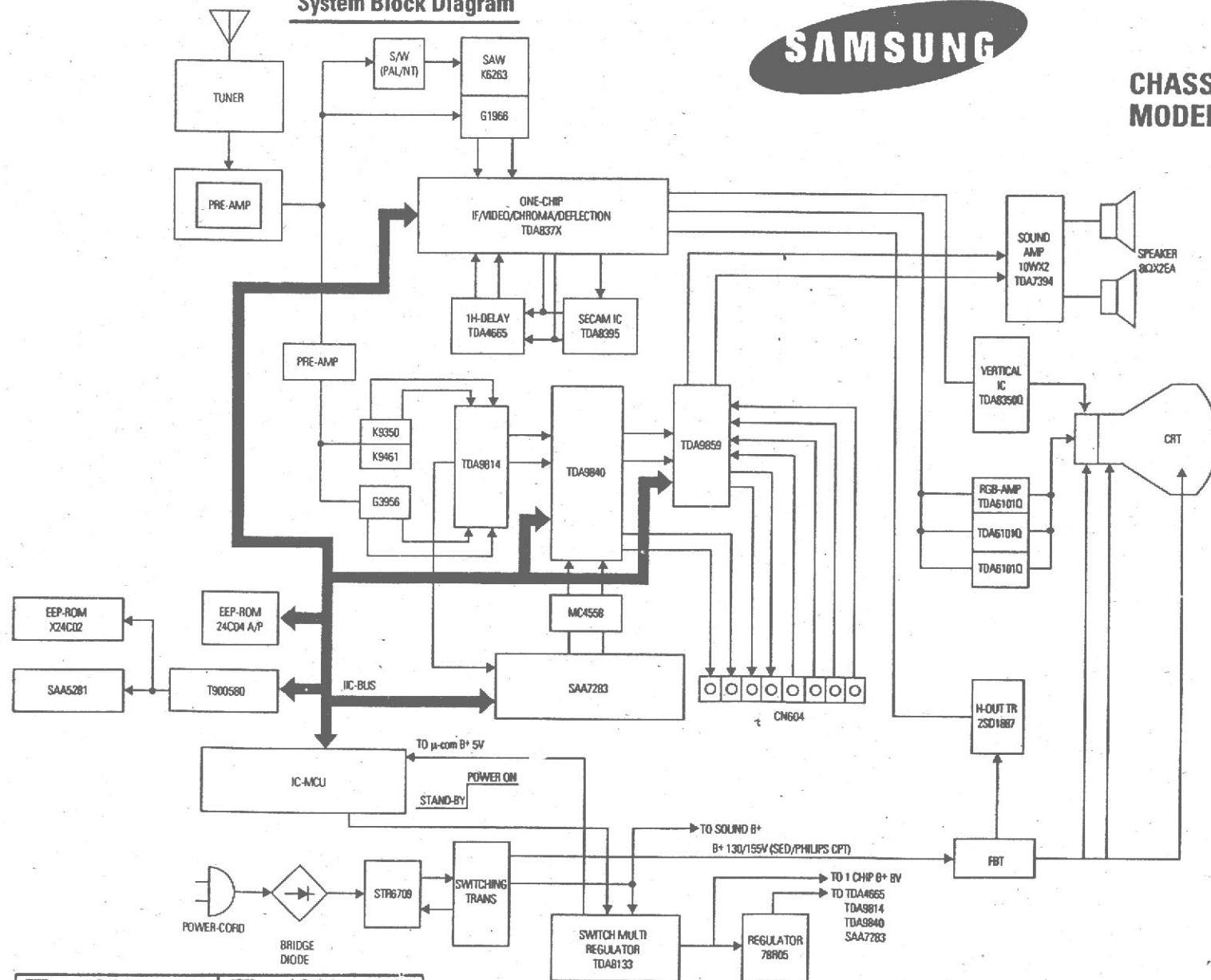


Table 2-1 IC Line-Up

Loc. No	Specification	Description	Remark
HIC101	PAP101T	IF PRE-AMP	

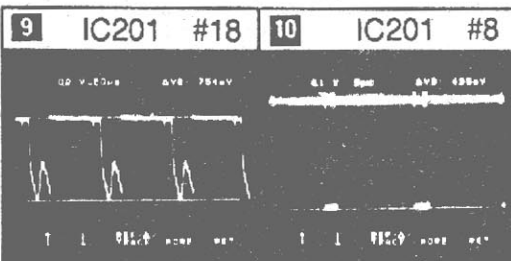
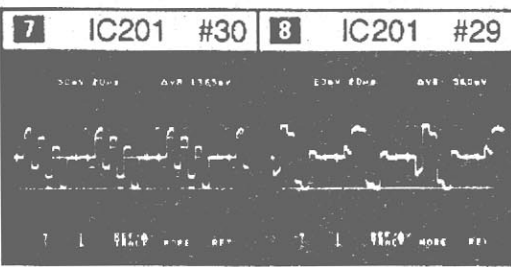
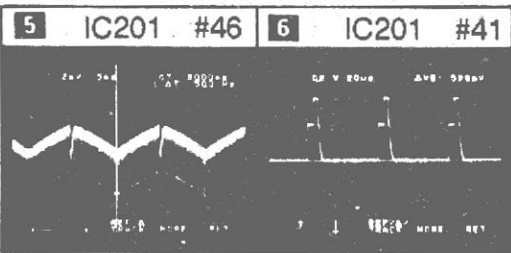
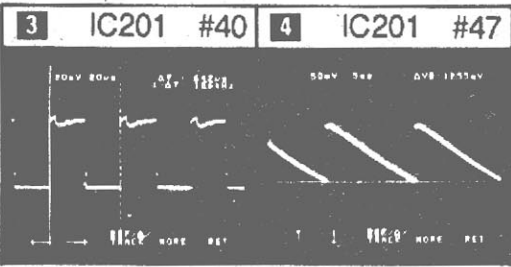
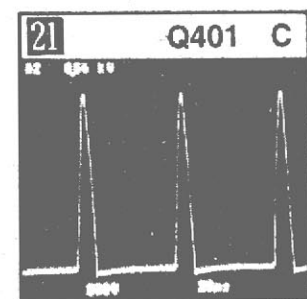
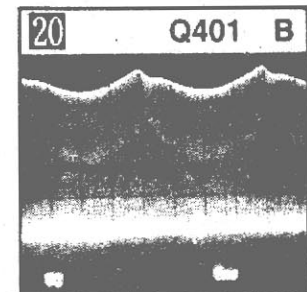
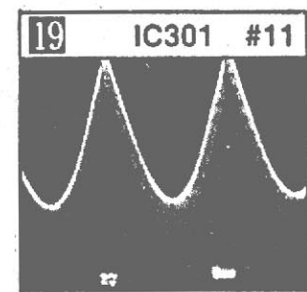
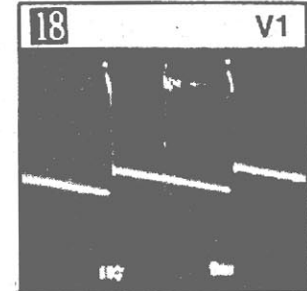
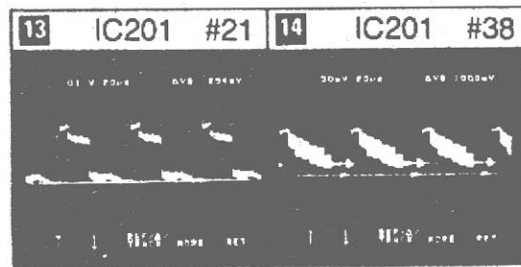
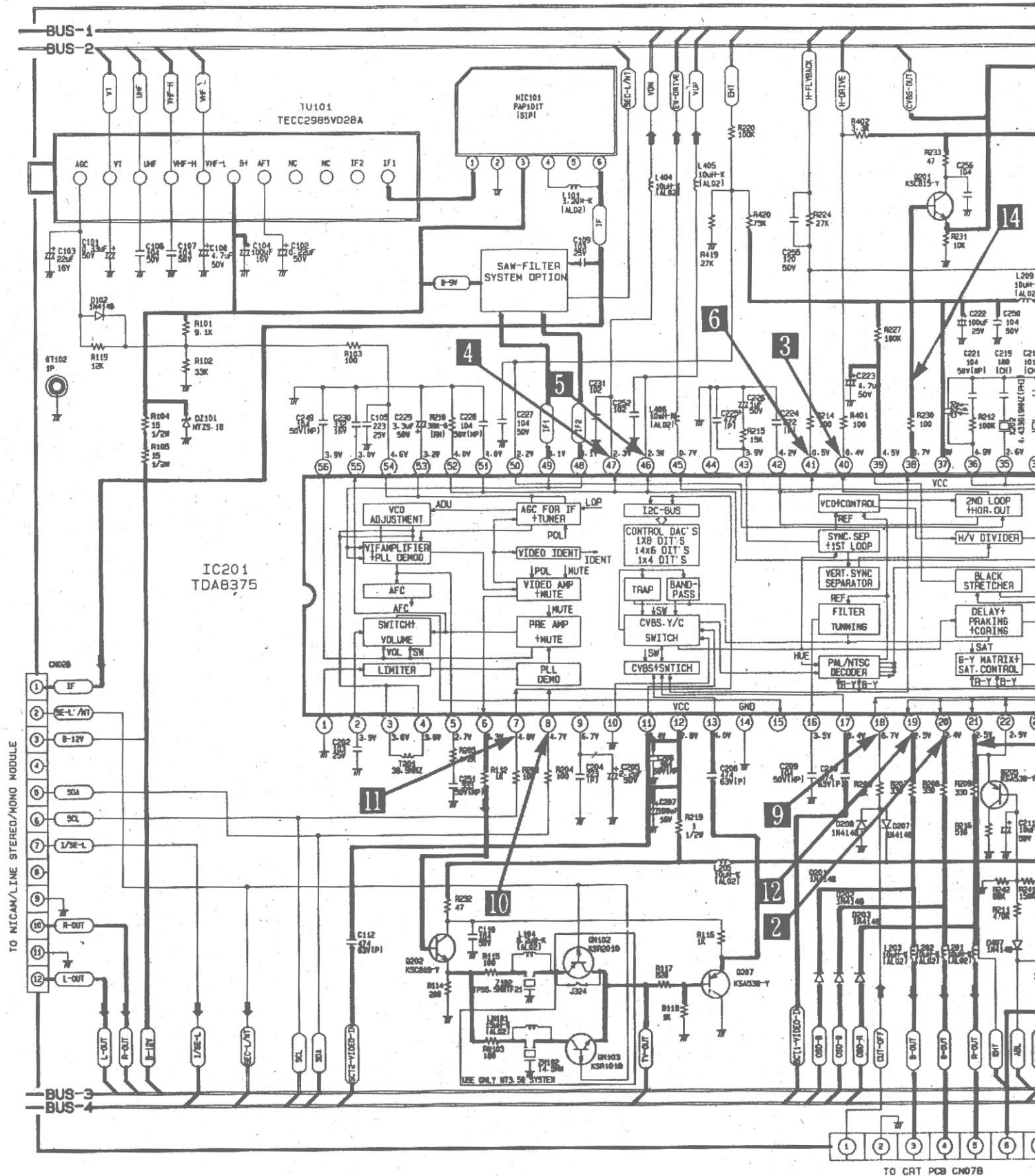


Table 2-1 IC Line-Up			
Loc. No	Specification	Description	Remark
HIC101	PAP101T	IF PRE-AMP	
IC201	TDA8374A	PAL-B/G, SECAM-B/G	
	TDA8374A	PAL-B/G, SECAM-B/G, NTSC	
	TDA8374	PAL-B/G, SECAM-B/G, NTSC, SECAM-L	
	TDA8375A	PAL-B/G, SECAM-B/G, NTSC, SECAM-L, E/W ADJ.	
	TDA8375	PAL-B/G, SECAM-B/G, NTSC, SECAM-L, E/W ADJ., 16:9	
IC202	TDA4665	1H DELAY	
IC203	TDA8395	SECAM DECODER	
IC301	TDA8350Q	VERTICAL DEFLECTION AMP	
IC401	KA7812	REGULATOR (12V)	
IC501	TDA6101Q	RGB DRIVE AMP	
IC502	TDA6101Q	RGB DRIVE AMP	
IC503	TDA6101Q	RGB DRIVE AMP	
IC504	SPK101T	SPOT-KILLER	
IC601	TDA7394	SOUND-AMP (10W+10W)	
	TDA7266	SOUND-AMP (7W+7W)	
IC801	STR6709	POWER IC (STR)	
IC802	TDA8133	CUSTOM REGULATOR (5V, 8V)	
IC803	SE130N	ERROR AMP	SED CPT PHILIPS CPT
	SE140N		
IC804	KA78R05	REGULATOR (5V)	
ICT01	SAA5281 P/E	TTX-DECODER	
ICT02	T900580	TTX-CONTROLLER	
ICT04	X24C02	E <sup>2</sup> -PROM	
IC901	Z8933212	μ-com	
IC902	AT24C04	E <sup>2</sup> -PROM	



## PWB-MAIN (One-Chip)



TO CRT PCB CN078

# EXPRESSION

- 1 Resistance is shown ohm K=1,000 M=1,000,000
- 2 Unless otherwise noted in schematic all capacitor values less than 1 are expressed in ufd. the values more than 1 in pf
- 3 Unless otherwise noted in schematic all inductor values are expressed in uH and the values less than 1 in mH.

## NOTE

The circuits are subject to change without notice to improve the picture quality.

WARNING: THIS RECEIVER CONTAINS SAFETY CRITICAL COMPONENTS. ALL PARTS SHOWN IN THE SHADED AREAS OF THE SCHEMATIC ARE SAFETY CRITICAL FOR CONTINUED SAFETY. REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS. REFER TO PARTS LIST FOR EXACT REPLACEMENTS.

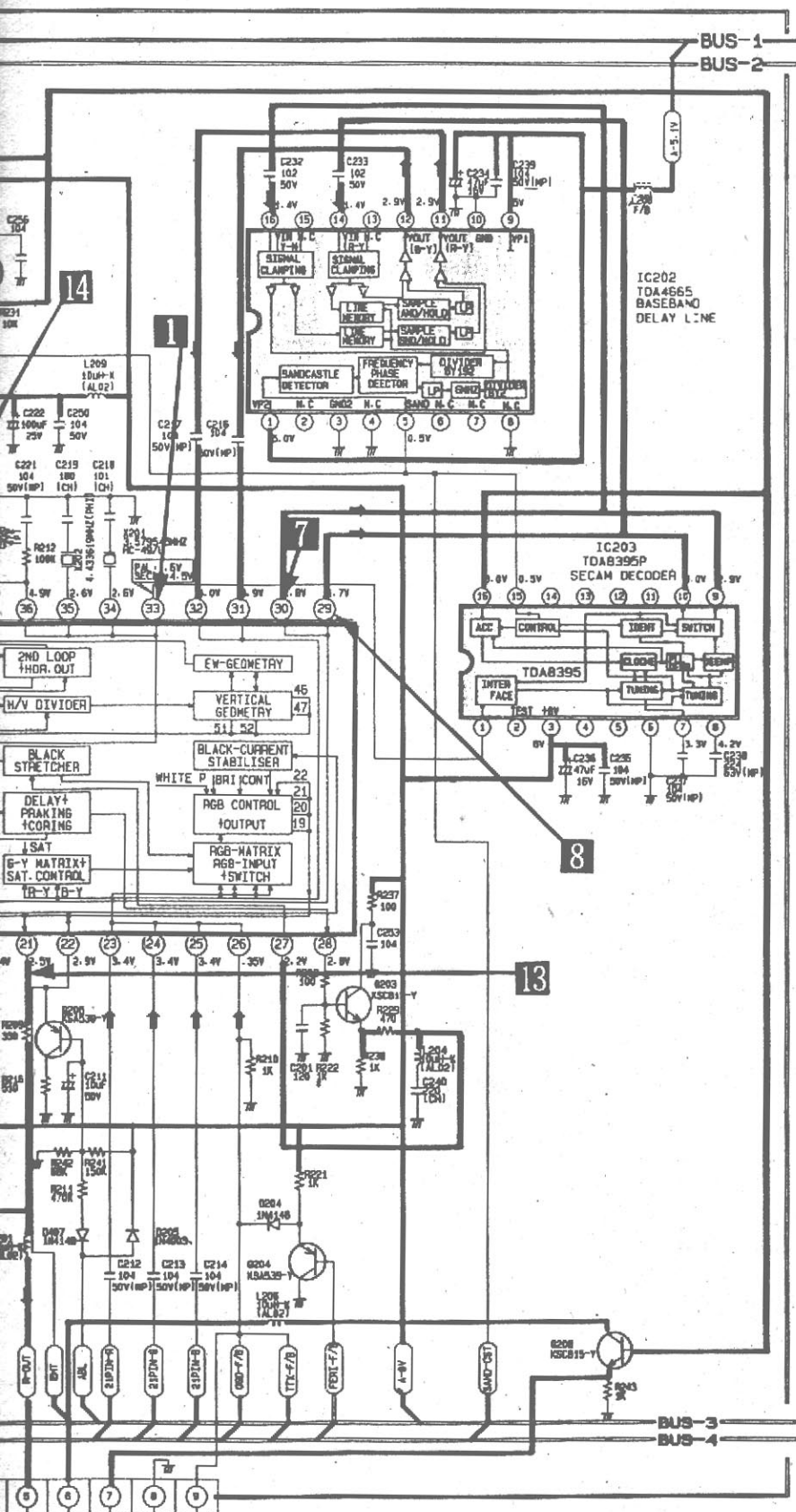
CAPACITOR	
Ceramic - SL	NO MARK
Ceramic - RH	(RH)
Ceramic - CH	(CH)
Polyester(Induct)	(P)
Polyester(Noninduct)	(PN)
Polypropylene	(PP)
Metal Polyester	(MP)
M.P.Polypropylene	(MPP)
Tantalum	(T)
Non Polar	(NP)

RESISTOR	
Carbon	NO MARK
Composition	(RC)
Metal Oxide	(RS)
Metal Film	(RN)
Fusible	(RF)
Cement Wire	(RW)
Network	(RN)

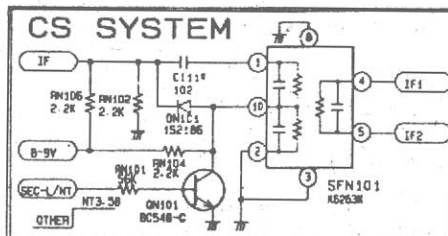
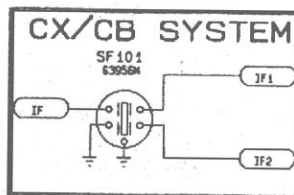
  

METAL PLATE CEMENT	WPC
HIGH RIPPLE	HR



## OPTION LIST

LOC. NO	SCT12A		SCT12B
	21/20 INCH	14/16 INCH	29 INCH
R241	RD 1/8T 220K		RD 1/8T 150K
R242	RD 1/8T 91K		RD 1/8T 88K
R211	RD 1/8T 270K		RD 1/8T 470K
R419	RD 1/8T 27K		RD 1/8T 27K
R420	RD 1/8T 75K		RD 1/8T 75K
R220			RD 1/8T 100K
R243			RD 1/8T 1K
R217	RD 1/2T 3-3M		
L406			AL02 10uH
C206	C-C1A1JAL115PF		C-C1A1JAL112PF
Q206			CB15-Y
IC201	TDAB374A		TDAB375
C314	18V 47uF		
L101	10uH AL02		
R425			1/8T 100K



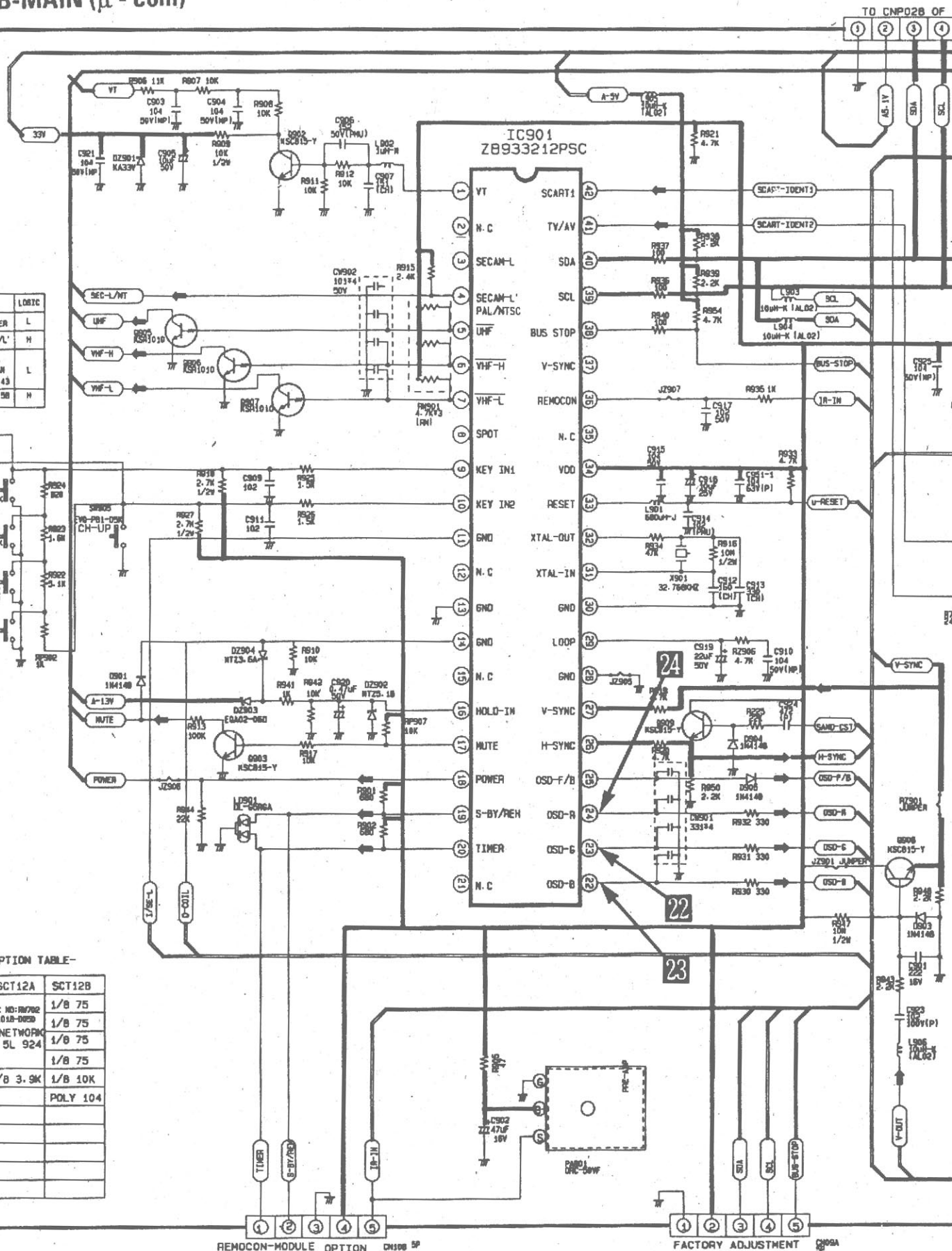
# PWB-MAIN (μ - com)

CONTROL PCB OPTION

SYSTEM	SEC-L/NT		LOGIC
	SEC-L	OTHER	
SEC-L	SE-LA'		L
NT	PAL SECAM NT4.43 NT3.58		H

-INCH OPTION TABLE-

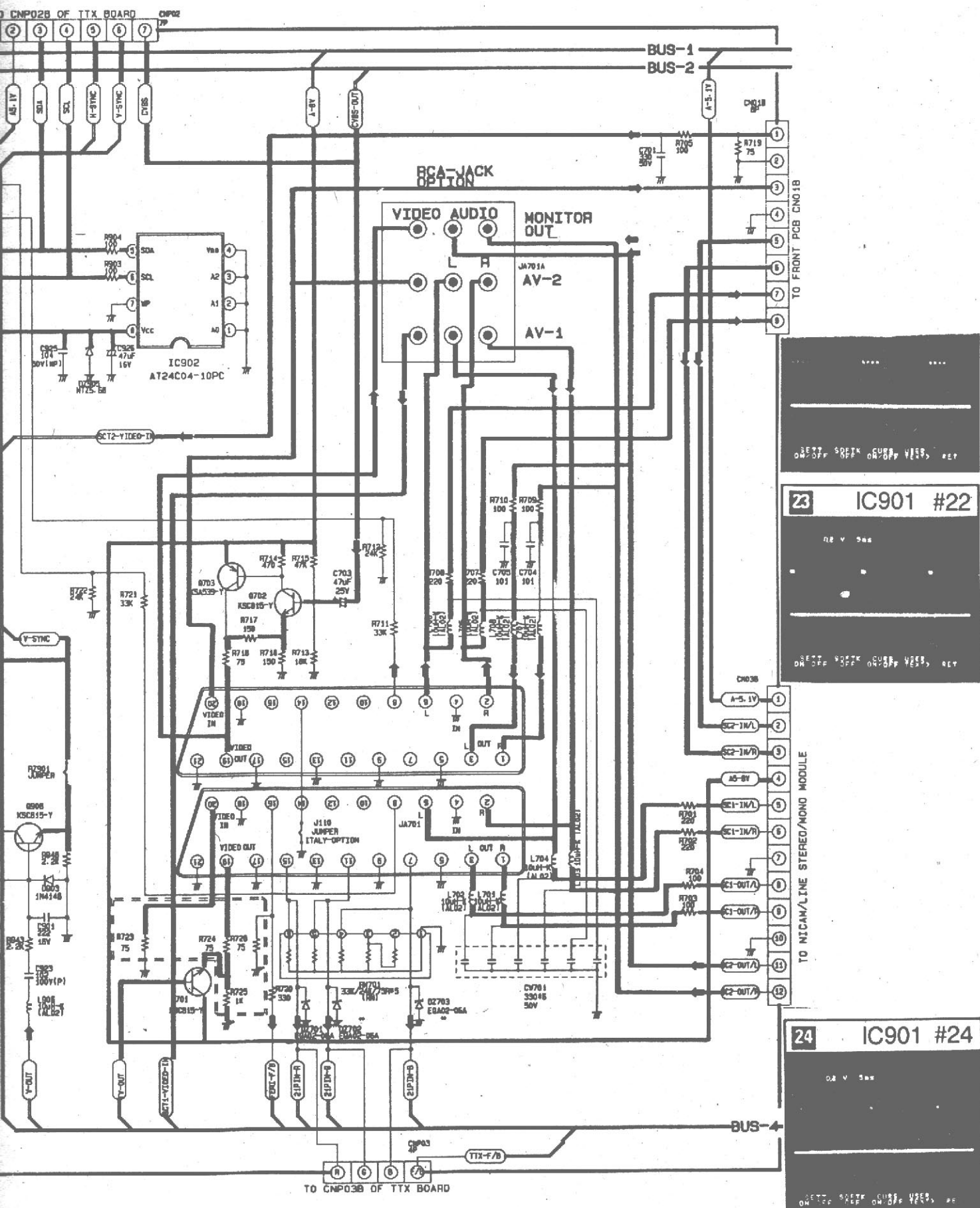
LOG NO	SCT12A	SCT12B
R723	LOC NO: RW702 81018-0920	1/8 75
R724	R-NETWORK 5L 924	1/8 75
R725		1/8 75
R726		1/8 75
R942	1/8 3.9K	1/8 10K
C951-1		POLY 104



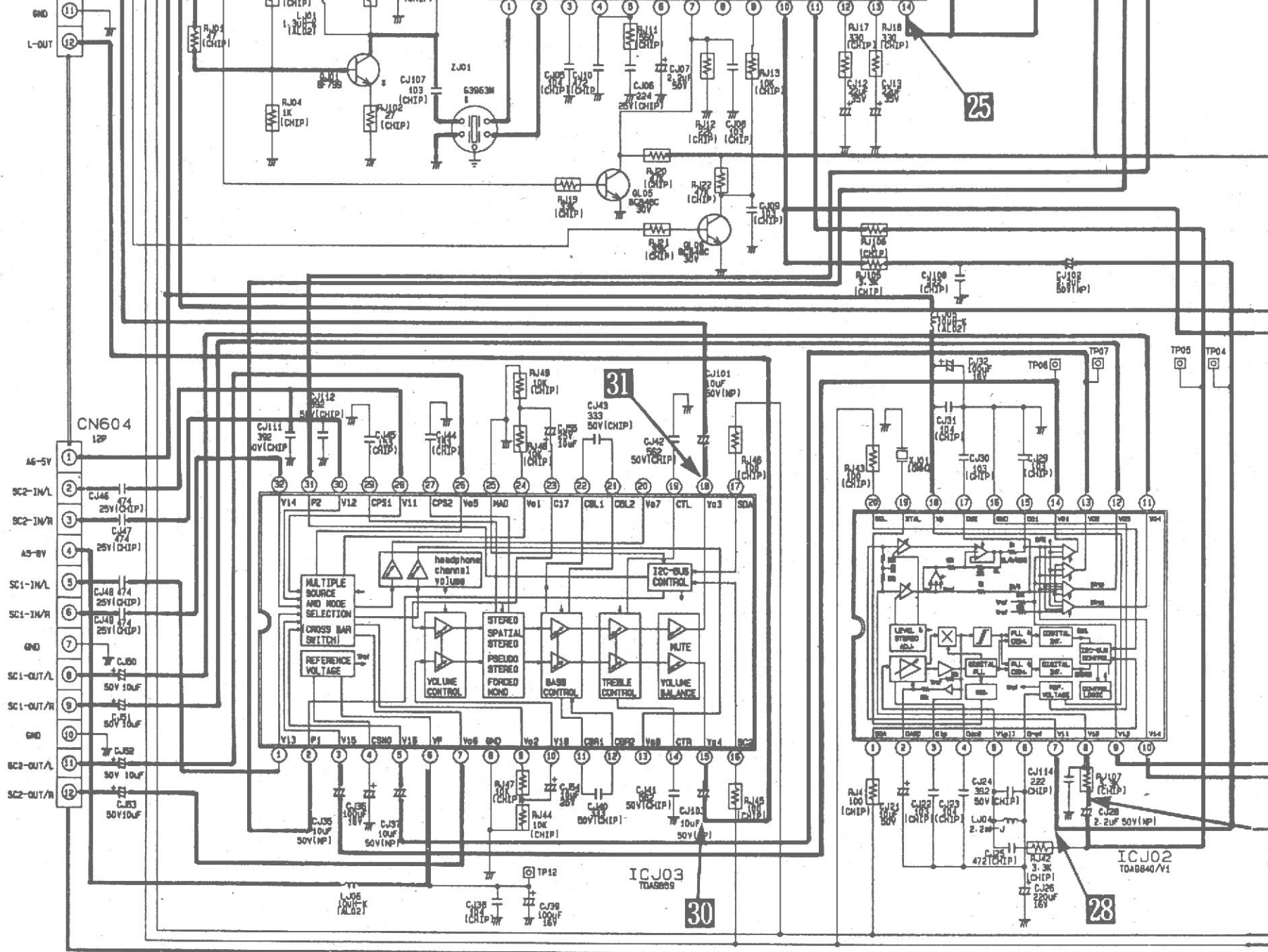
REMOCON-MODULE OPTION CN108 5P

FACTORY ADJUSTMENT

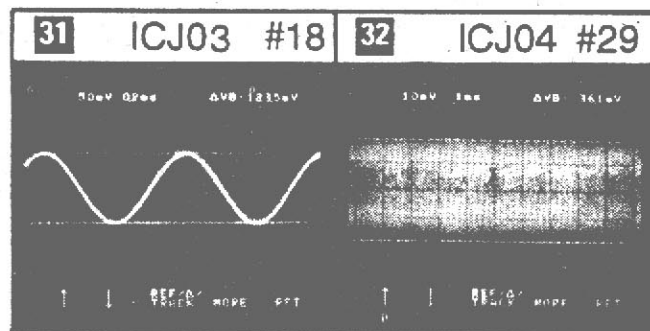
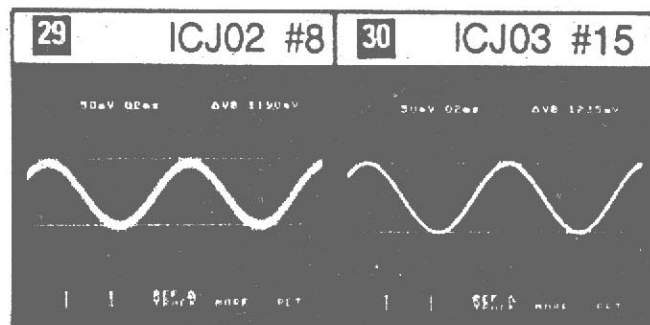
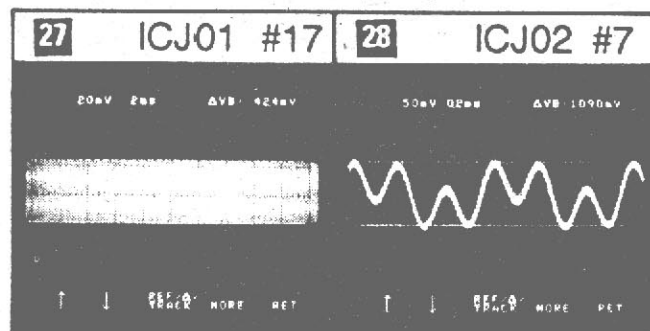
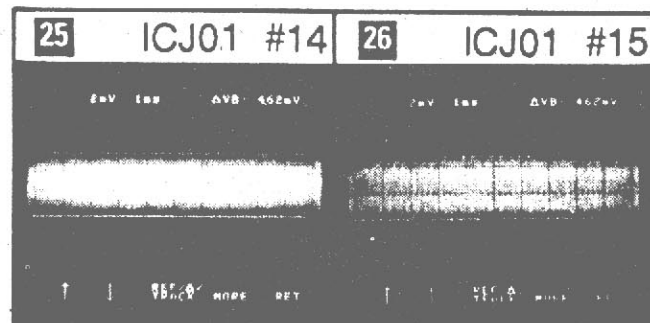
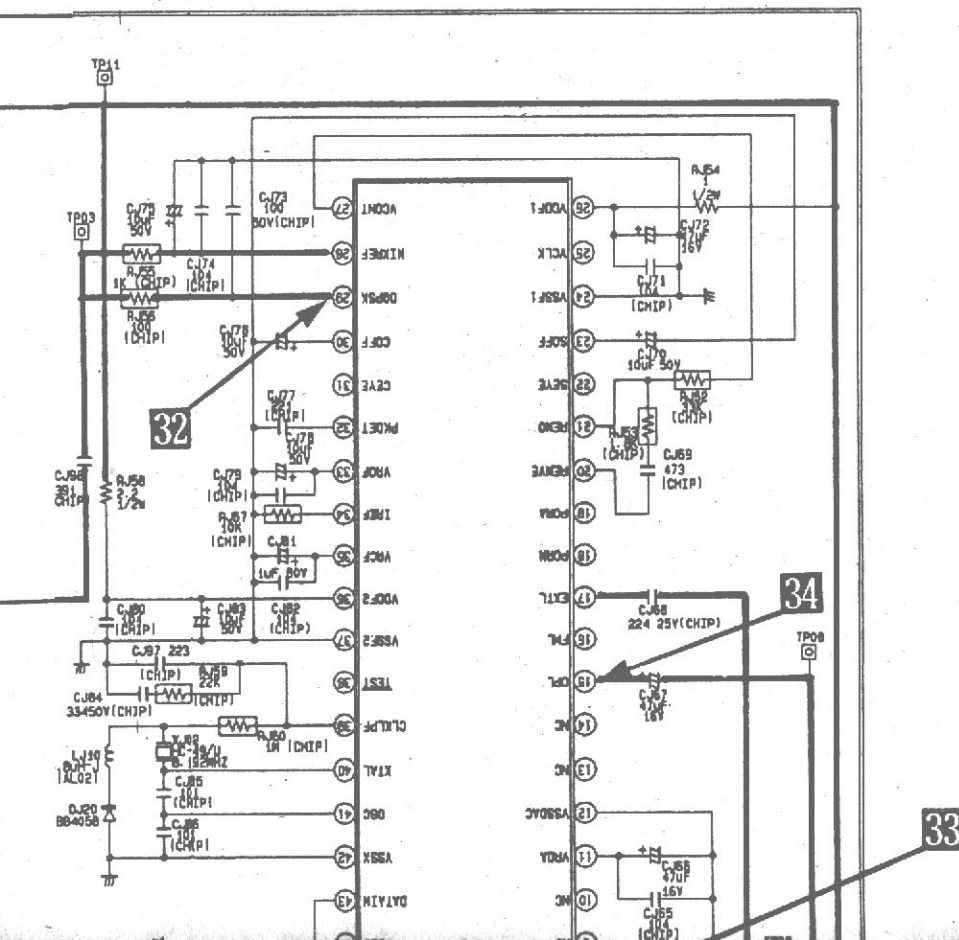




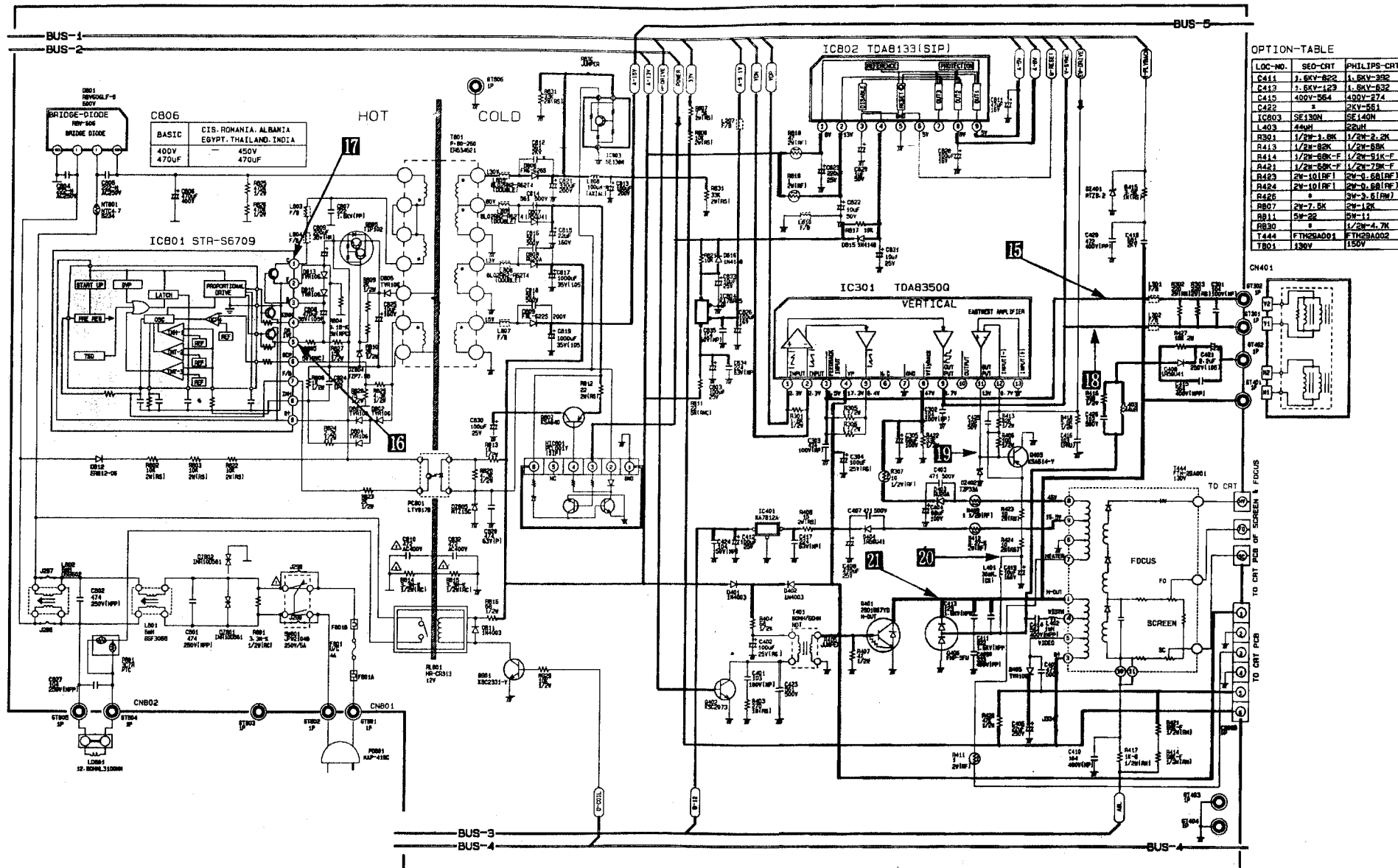
HIGH	HTSC-W
LOW	B. G. H. J. D. K
HIGH	BECAH-L/L'
LOW	B. G. D. K



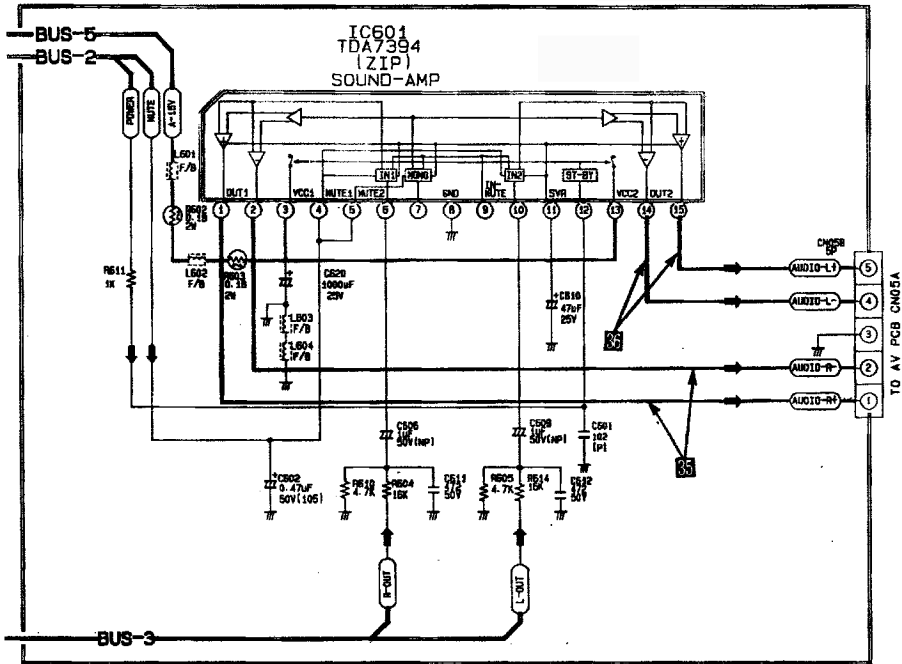




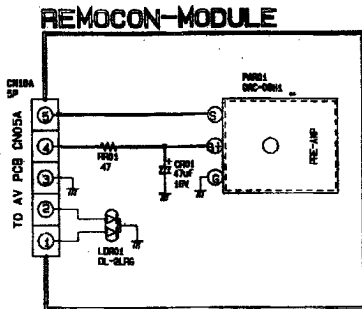
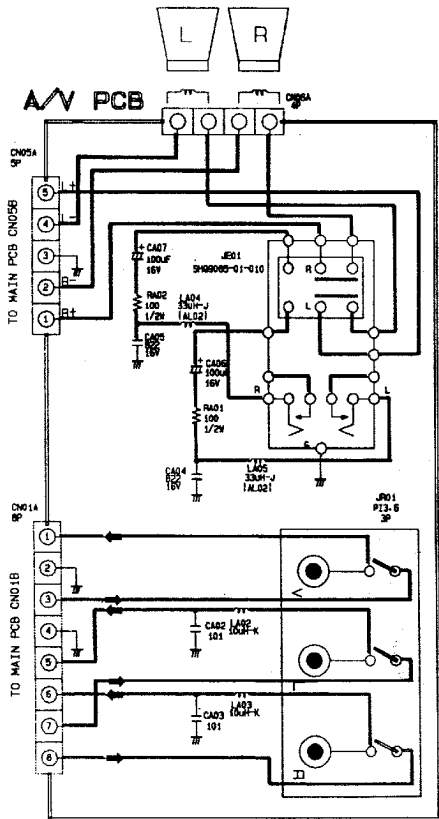




# AUDIO-AMP



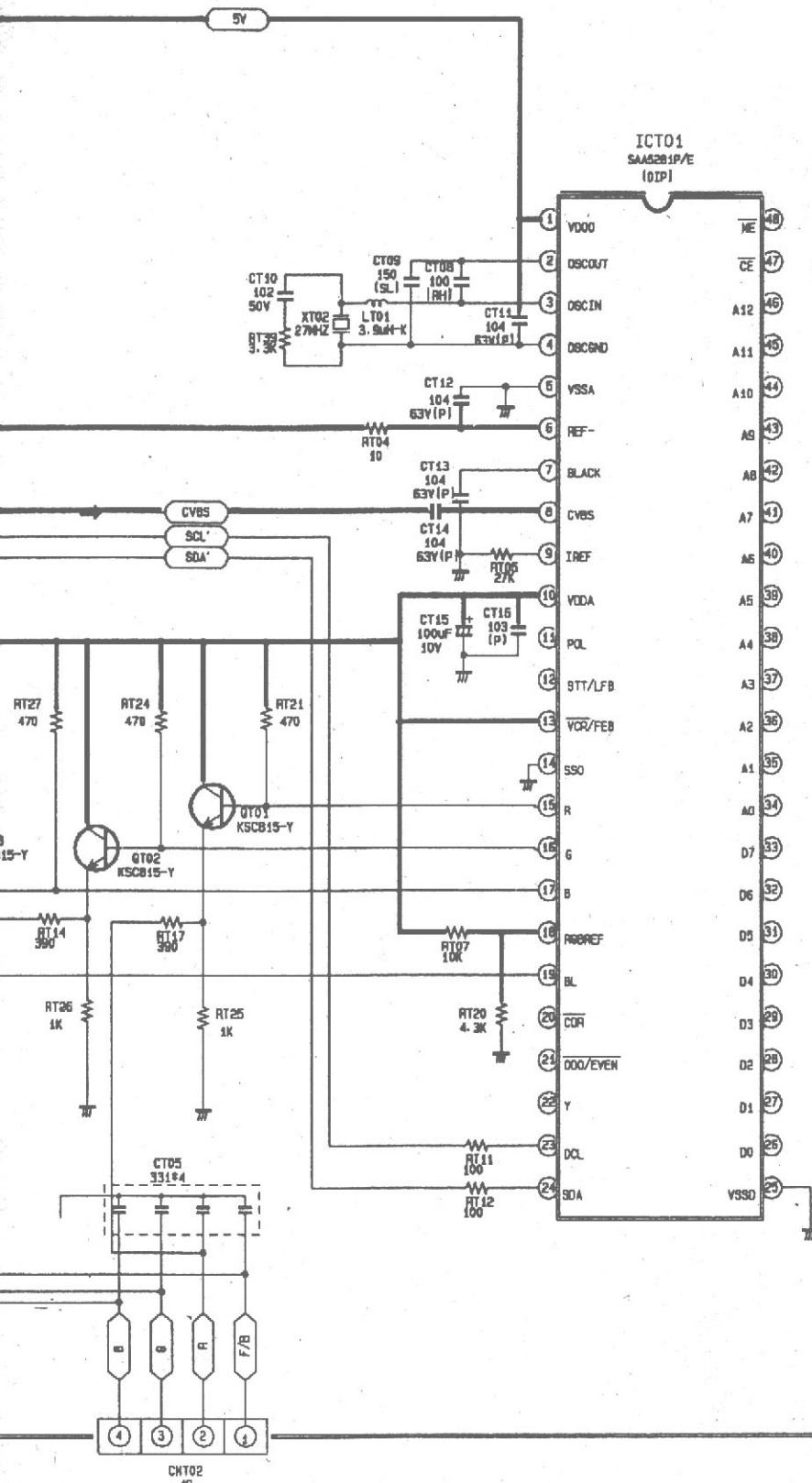
**PWB-A/V**





CNT01  
7P

TO MAIN BOARD



— : Power Line

— : Signal Line

## PWB-CRT

