

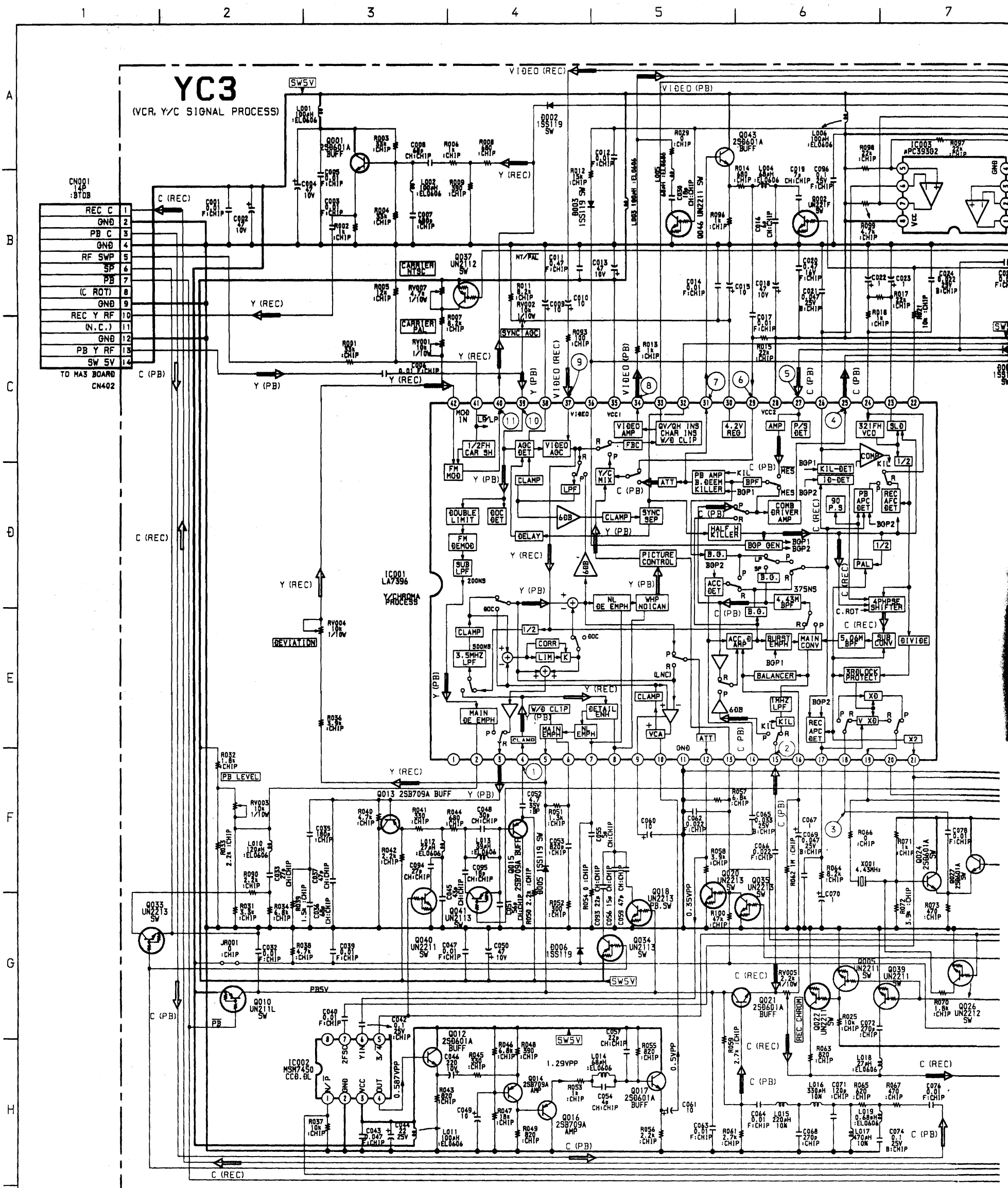
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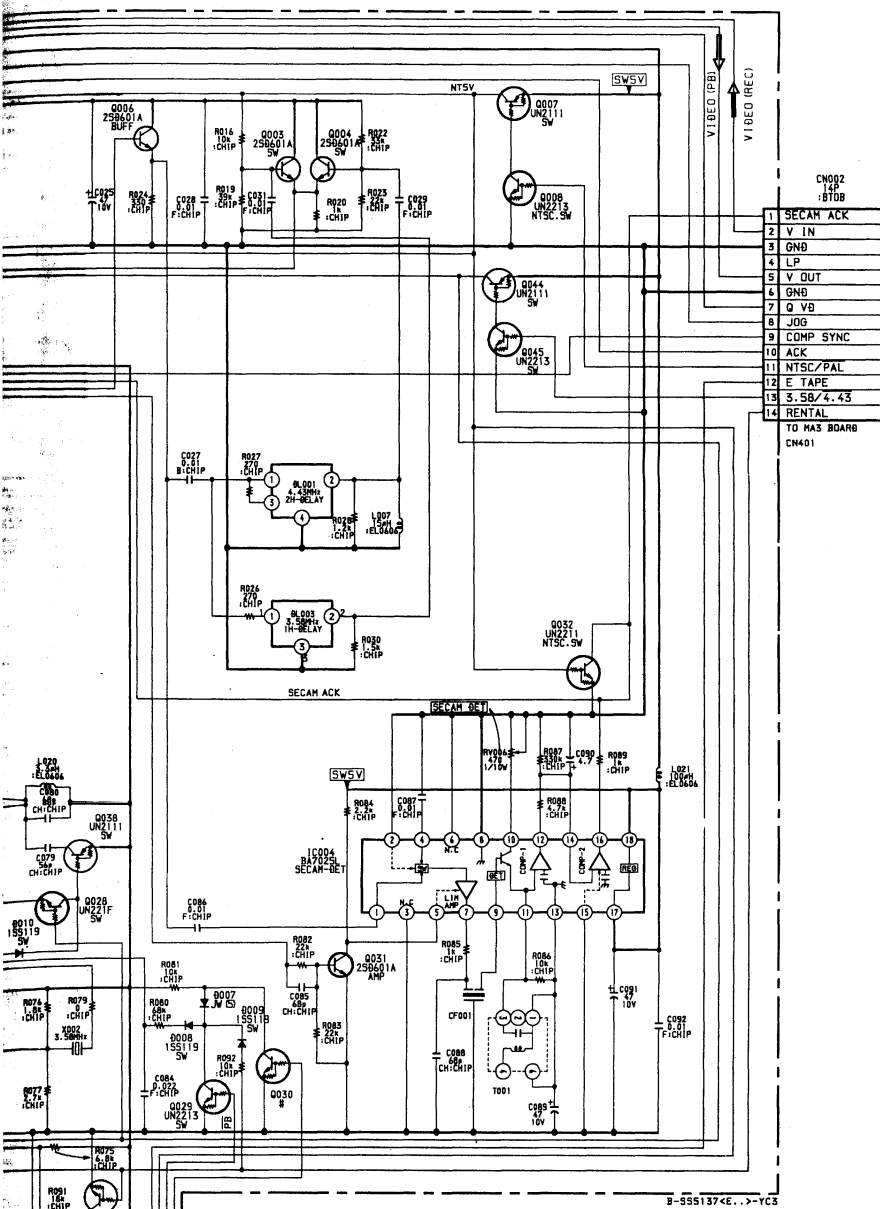
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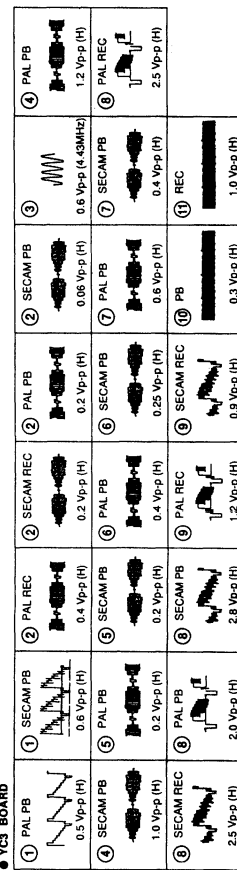


(3) Schematic Diagram of YC3 Board





WAVEFORM LIST
• YC3 BOARD

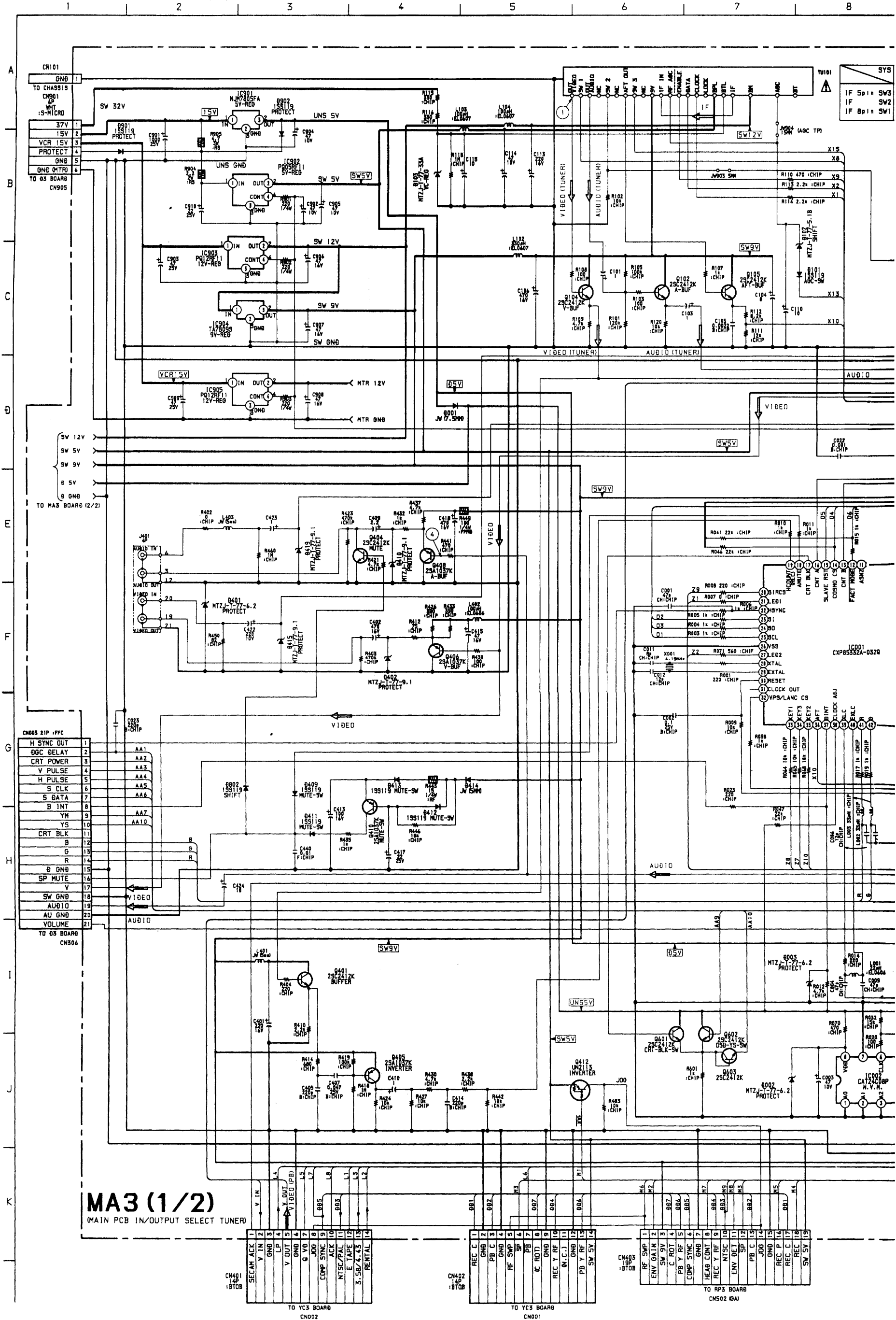


VOLTAGE LIST

• YC3 BOARD

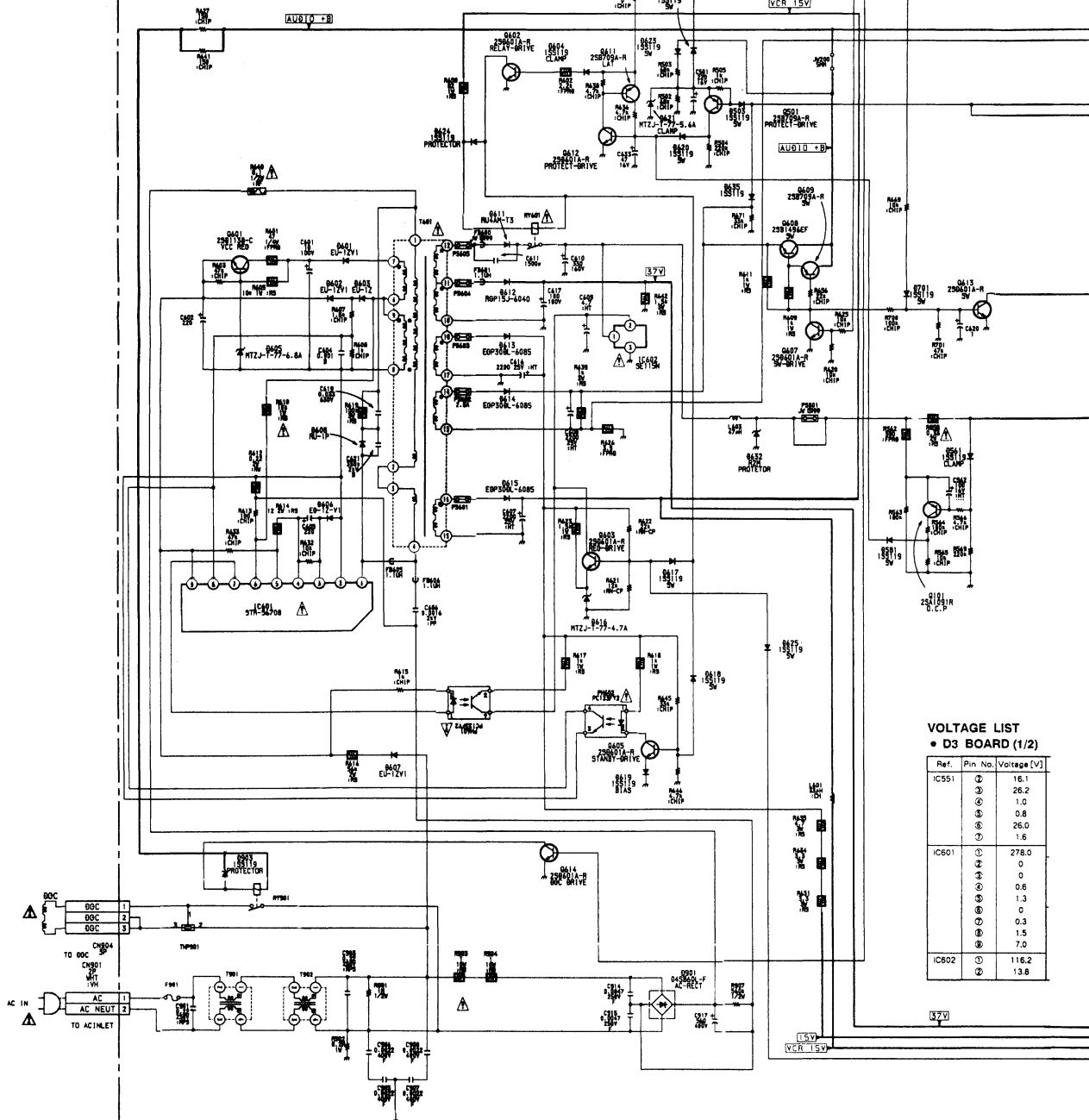
Ref.	Pin No.	Voltage[V]	Ref.	Pin No.	Voltage[V]	Ref.	Pin No.	Voltage[V]	Ref.	Pin No.	Voltage[V]	Ref.	Pin No.	Voltage[V]	Ref.	Pin No.	Voltage[V]
IC001	②	1.8 < 2.5 >	IC001	⑨	2.9	Q001	B	2.5	Q015	B	3.4	Q028	B	0	Q040	B	0
	③	2.7		⑩	4.9		C	5.1		E	3.9		C	4.9	Q041	B	0.3
	④	2.9		⑪	0.6		E	1.8	Q016	B	1.5		E	0		C	3.4
	⑤	2.9 < 4.4 >		⑫	3.2	Q002	B	0		E	2.1	Q029	B	5.4 (0)		C	0
	⑥	2.9 < 4.4 >		⑬	0 < 1.5 >		C	0	Q017	B	3.7		C	0 (0.8)		E	3.4
	⑦	4.5		⑭	4.9	Q003	B	0		E	3.1	Q031	B	0.2	Q043	B	2.5
	⑧	2.6		⑮	3.0		E	1.3	Q018	B	0 (5.1)		C	4.8		C	5.1
	⑨	3.5		⑯	0.8	Q004	B	1.9		C	0	Q032	B	0		E	1.9
	⑩	2.2		⑰	2.4		E	1.3	Q020	B	2.7		C	4.3 P : (0.8)	Q044	B	5.0
	⑪	2.3	IC002	①	0.7		C	0		C	0	Q033	B	5.4 (0)		C	0
	⑫	2.5		②	3.6	Q005	B	0.7	Q021	B	0 (2.6)		C	0	Q034	B	5.4 (0)
	⑬	2.0		③	0		C	2.8		C	0 (5.1)		C	0		C	* (5.0)
	⑭	3.0		④	2.3		E	0	Q022	B	2.8	Q035	B	0		C	2.7
	⑮	2.8		⑤	0	Q006	B	2.5		C	0	Q036	B	0		C	2.5
	⑯	2.3		⑥	2.6		E	0	Q024	B	3.9		C	0	Q037	B	0.7
	⑰	3.6		⑦	0		C	0	Q025	B	0 (0.8) < 1.3 >		C	0		C	5.0
	⑱	3.1 < 2.3 >	IC003	⑧	2.5	Q007	B	5.0		C	0	Q038	B	4.9		C	0
	⑲	1.7		⑨	2.0		C	5.1	Q026	B	0		C	0	Q039	B	0.7
	㉑	4.9		⑩	4.9	Q008	B	0		C	0		C	0		C	0
	㉒	0	IC004	⑪	3.7		C	5.0	Q027	B	2.9		C	4.9		C	0
	㉓	3.3		⑫	3.7	Q009	B	5.4 (0)		C	0		C	0		C	0
	㉔	3.3		⑬	0		C	5.0		C	0		C	0		C	0
	㉕	2.5		⑭	4.8	Q010	B	5.4 (0)		C	0		C	0		C	0
	㉖	4.9		⑮	4.6		C	0 (5.1)		C	0		C	0		C	0
	㉗	2.0		⑯	3.2		C	3.5		C	0		C	0		C	0
	㉘	4.9		⑰	0	Q012	B	2.9		C	0		C	0		C	0
	㉙	3.1		⑱	3.7		E	3.3		C	0		C	0		C	0
	㉚	4.3		㉑	4.4	Q013	B	2.7		C	0		C	0		C	0
	㉛	2.5		㉒	3.7		E	3.3		C	0		C	0		C	0
	㉜	2.9		㉓	4.3	Q014	B	3.7		C	0		C	0		C	0
	㉝	0		㉔	4.4		C	1.5		C	0		C	0		C	0
	㉞	0		㉕	0		E	4.4		C	0		C	0		C	0

(4) Schematic Diagram of MA3 Board (1/2)



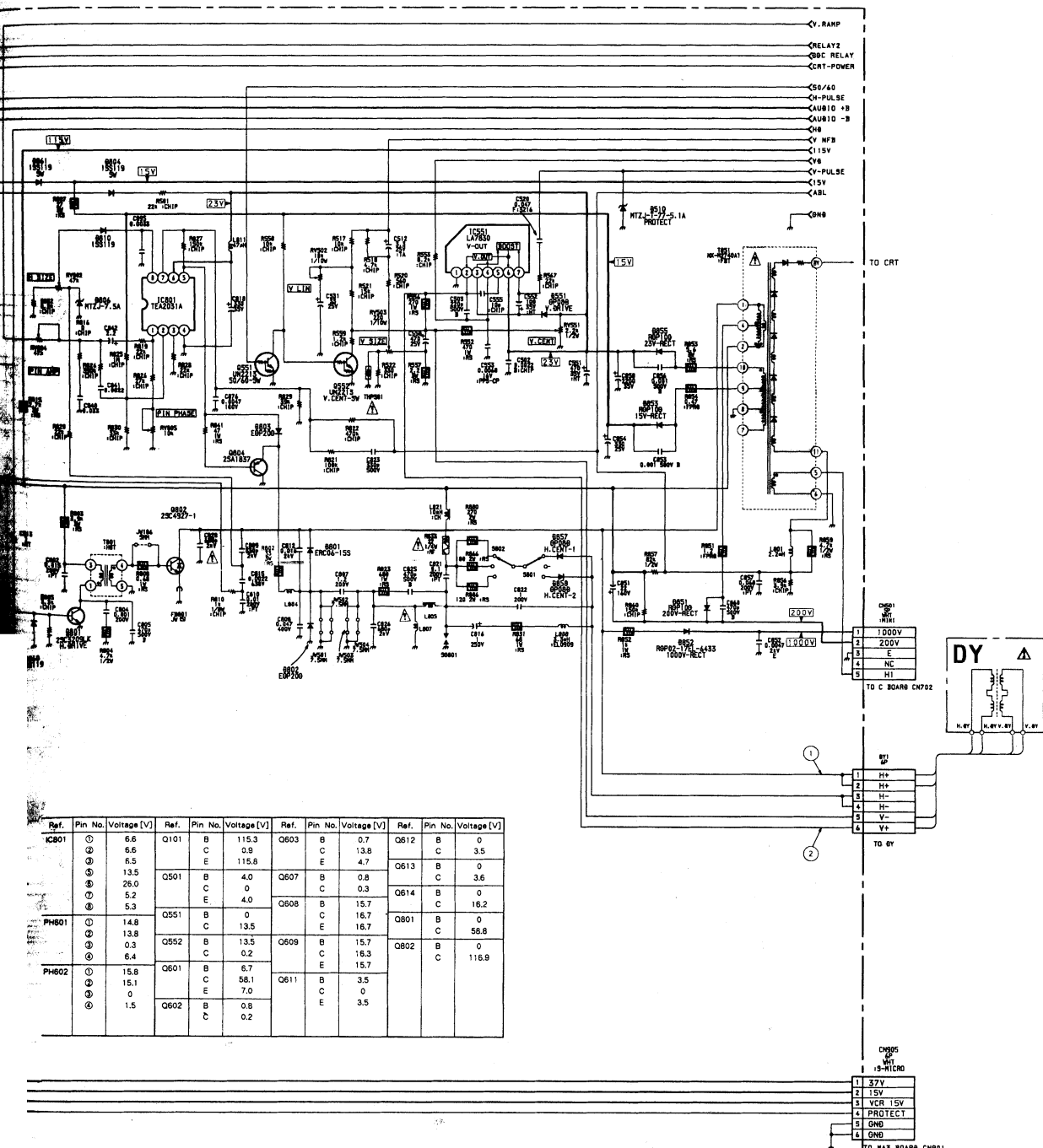
A	B	OUT
H	H	③ VTR
H	L	① TU
L	H	② LINE
L	L	MUTE

1	NC
2	Ø GND
3	TV V IN
4	UNS SY
5	LANC CS
6	S CLK
7	30 G1 OUT
8	SI (SO IN
9	N.C.
10	Ø 5V
11	FACT MOD



VOLTAGE LIST • D3 BOARD (1/2)

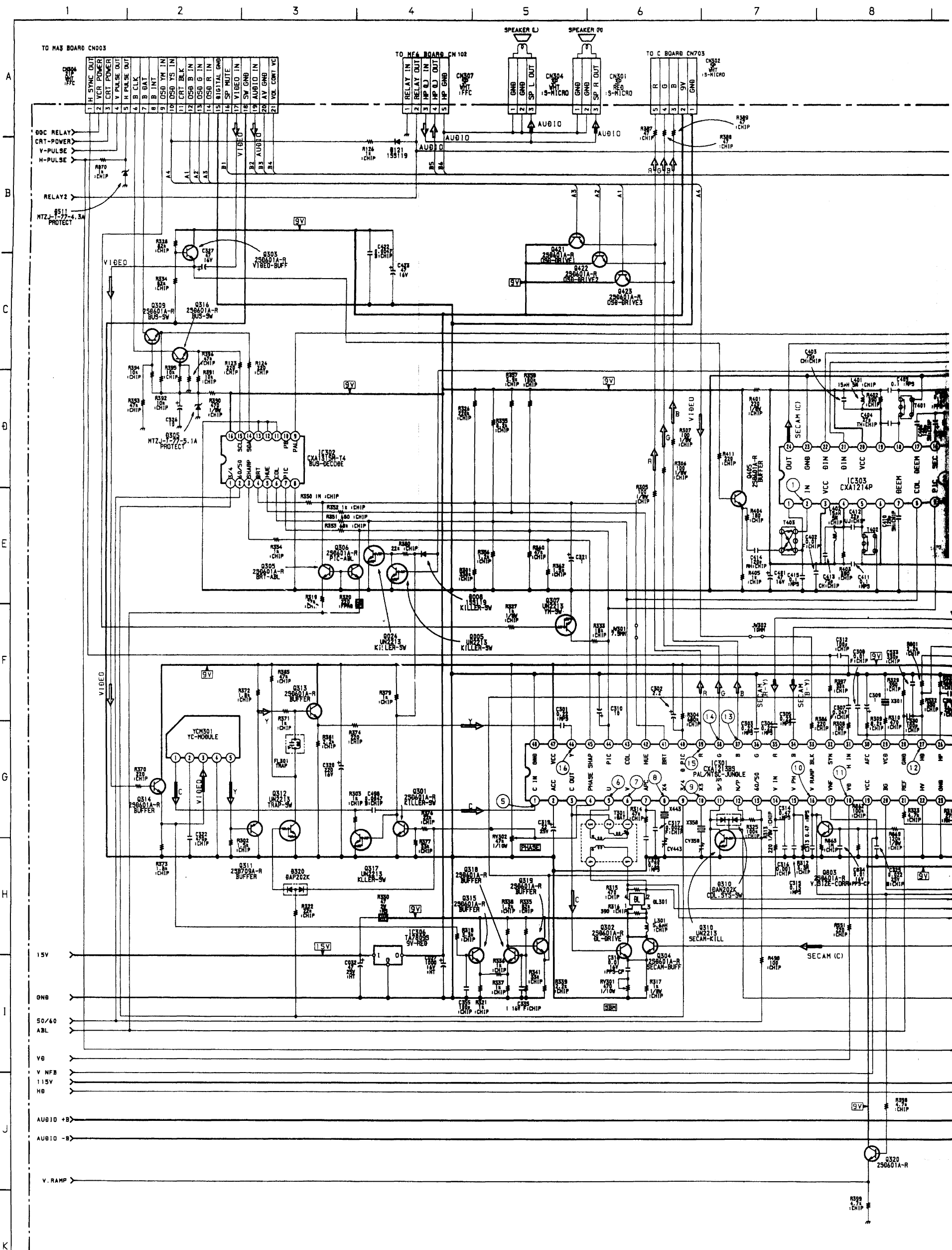
Ref.	Pin No.	Voltage [V]
IC551	②	16.1
	③	26.2
	④	1.0
	⑤	0.8
	⑥	26.0
	⑦	1.6
	⑧	0
IC501	①	278.0
	②	0
	③	0.6
	④	1.3
	⑤	0
	⑥	0.3
	⑦	1.5
IC502	①	7.0
	②	13.8



Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]
IC801	①	6.6	Q101	B	115.3	Q603	B	0.7	Q612	B	0
	②	6.6		C	0.8		C	13.8		C	3.5
	③	6.5		E	115.8		E	4.7		C	3.5
	④	13.5	Q501	B	4.0	Q607	B	0.8	Q613	B	0
	⑤	26.0		C	0		C	0.3		C	3.6
PH801	⑥	5.2		E	4.0	Q608	B	15.7	Q614	B	0
	⑦	5.3	Q551	B	0		C	16.7		C	16.2
	⑧	5.3		C	13.5		E	16.7	Q801	B	0
PH802	①	14.8	Q552	B	13.5	Q609	B	15.7		C	56.8
	②	13.8		C	0.2		C	16.3	Q802	B	0
	③	0.3	Q601	B	6.7		E	15.7		C	116.9
	④	6.4		C	58.1	Q611	B	3.5			
PH802	⑤	15.1		E	7.0		C	0			
	⑥	0	Q602	B	0.8		E	3.5			
	⑦	1.5		C	0.2						

D3(1/2) (V OUT. H OUT)
POWER

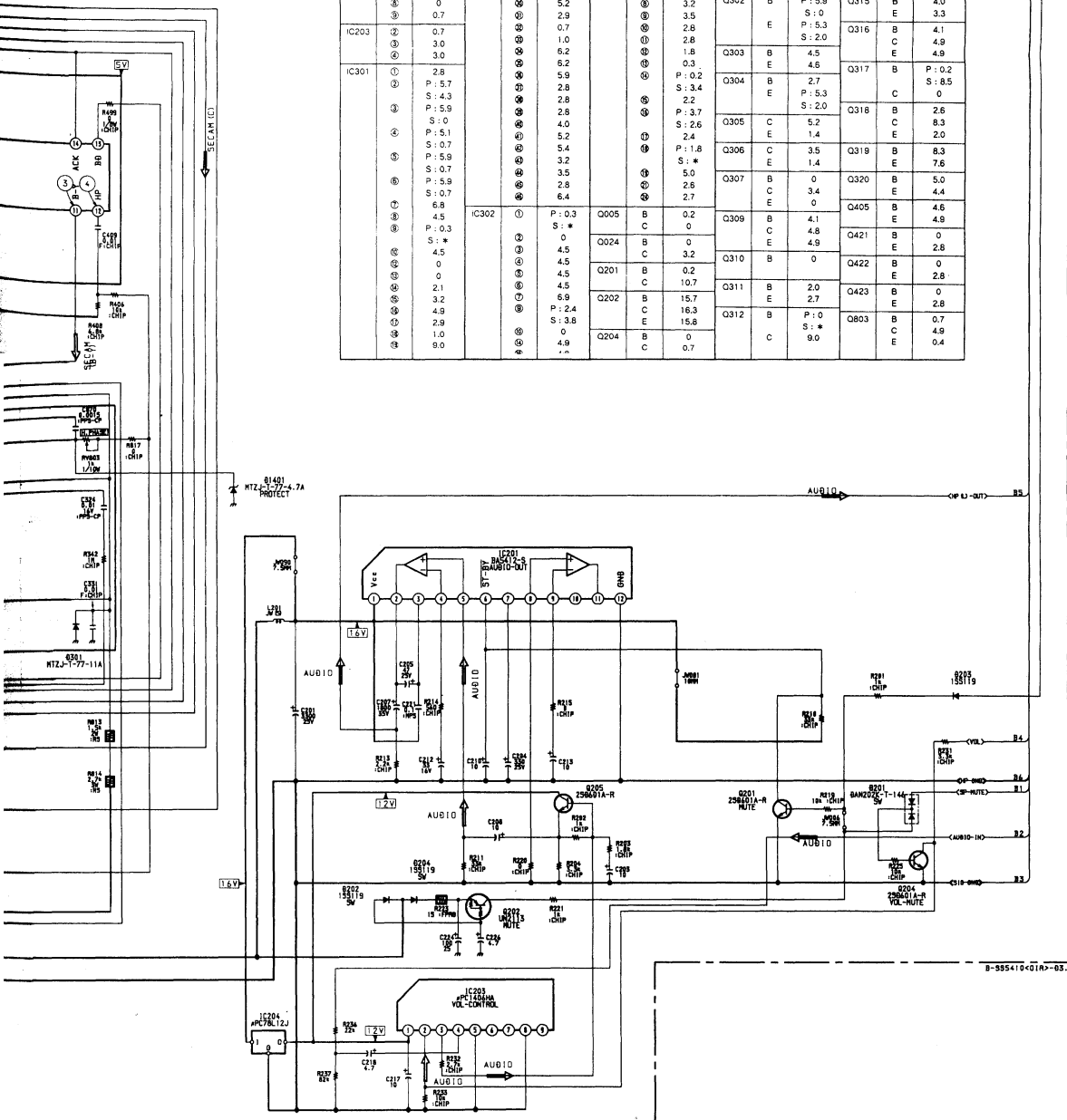
2) Schematic Diagram of D3 Board (2/2)



VOLTAGE LIST

• D3 BOARD (2/2)

Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]
IC201	①	8.4	IC301	①	0.3	IC303	①	2.6	Q205	B	3.0	Q313	B	2.7
	②	13.9		②	9.0		②	2.6		E	2.5		E	2.0
	③	0.7		③	2.2		③	5.0	Q301	B	0.8	Q314	B	4.6
	④	0		④	3.8		④	0.5		C	P: 0.2		E	4.5
	⑤	10.7		⑤	2.8		⑤	1.8		S	S: 8.5		E	4.5
	⑥	14.8		⑥	4.2		⑥	2.6	Q302	B	P: 5.9	Q315	B	4.0
	⑦	0		⑦	5.2		⑦	3.2		S	S: 0		E	3.3
IC203	⑧	0.7		⑧	2.9		⑧	3.5		E	P: 5.3	Q316	B	4.1
	⑨	3.0		⑨	0.7	Q303	⑨	2.8		S	S: 2.0		C	4.9
	⑩	3.0		⑩	1.0		⑩	1.8	Q304	B	4.5	Q317	B	P: 0.2
IC301	⑪	2.8	IC302	⑪	6.2		⑪	0.3		E	4.6		C	0
	⑫	P: 5.7		⑫	5.9	Q005	⑫	P: 0.2	Q305	B	2.7	Q318	B	2.6
	⑬	S: 4.3		⑬	2.8		S	S: 3.4		C	P: 5.3		C	8.3
	⑭	P: 5.9		⑭	2.8		⑬	P: 3.7		E	S: 2.0		E	2.0
	⑮	S: 0		⑮	4.0	Q024	⑭	S: 2.6	Q306	C	5.2	Q319	B	8.3
	⑯	P: 5.1		⑯	5.2		⑮	2.4		E	1.4		C	8.3
	⑰	S: 0.7		⑰	5.4		⑯	P: 1.8	Q307	B	0	Q320	B	5.0
	⑱	P: 5.9		⑱	3.2	Q021	⑰	S: *		C	3.4		E	7.6
	⑲	S: 0.7		⑲	3.5		⑱	5.0	Q309	B	4.1	Q405	B	4.6
	⑳	P: 5.9		⑳	2.8		⑲	2.7		C	4.8		E	4.9
	㉑	S: 0.7		㉑	6.4	Q022	⑲	15.7		E	4.9	Q421	B	0
	㉒	P: 0.3	IC303	①	P: 0.3		②	0	Q310	B	0		E	2.8
	㉓	S: *		②	S: *		③	0		C	0	Q422	B	0
	㉔	4.5		③	4.5	Q023	③	16.3	Q312	B	2.0		E	2.8
	㉕	0		④	4.5		④	15.8		E	2.7	Q803	B	0
	㉖	0		⑤	4.5		⑤	0		C	P: 0		C	0.7
	㉗	2.1		⑥	4.5	Q204	⑥	0		E	9.0		C	4.9
	㉘	3.2		⑦	6.9		⑦	0.7					E	0.4
	㉙	4.9		⑧	P: 2.4		⑧							
	㉚	2.9		⑨	S: 3.8		⑨							
	㉛	1.0		⑩	0		⑩							
	㉜	9.0		⑪	4.9		⑪							
	㉝			⑫	±		⑫							

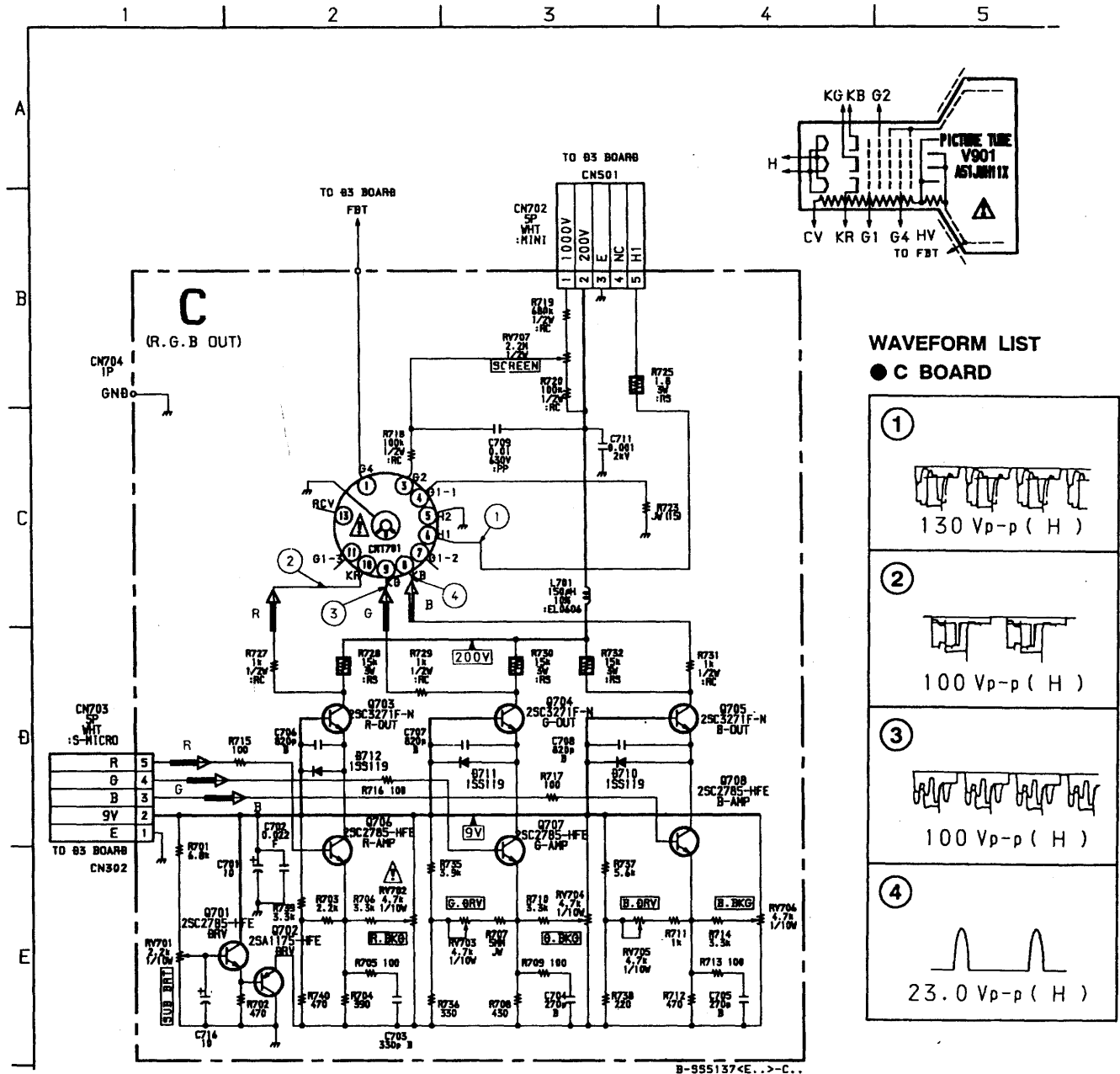


(3) Schematic Diagram of C Board

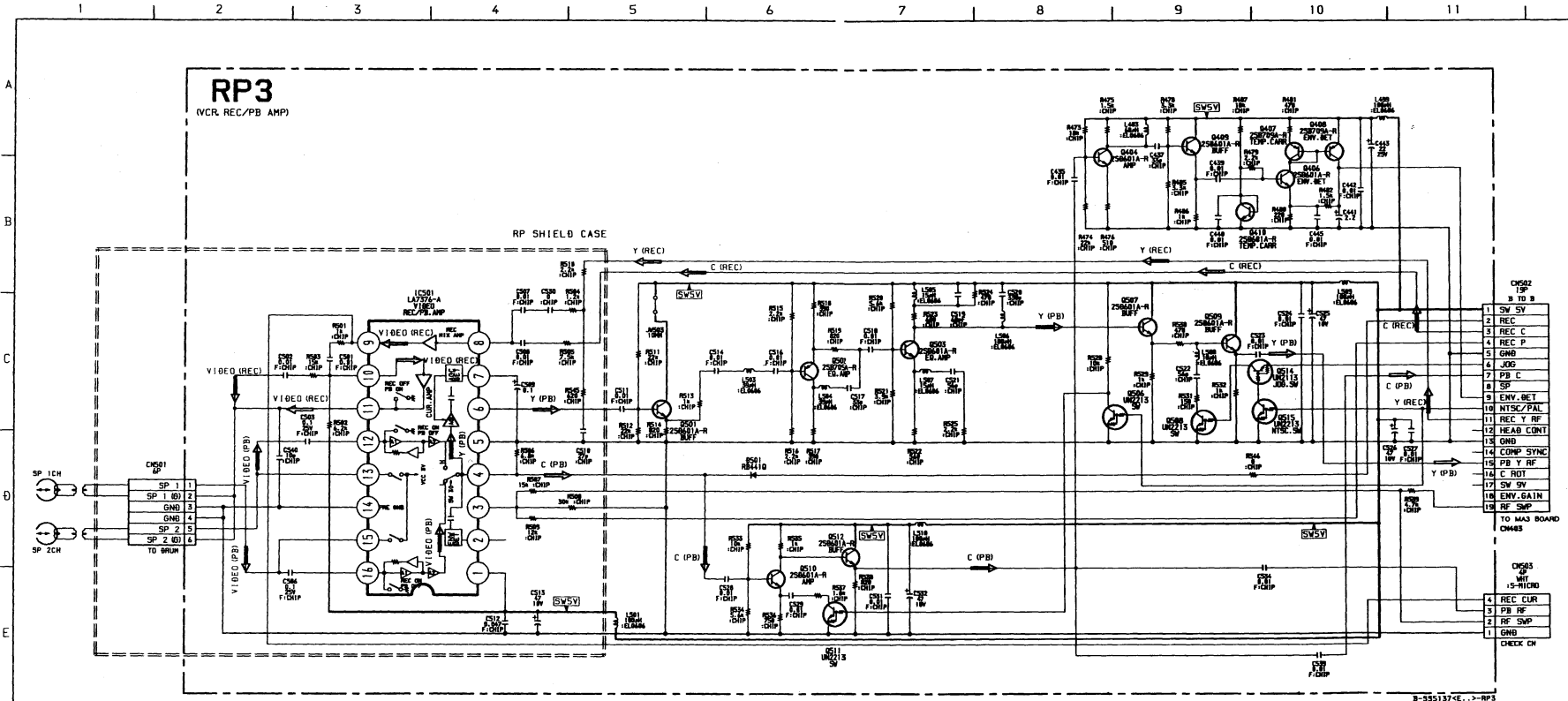
VOLTAGE LIST

• C BOARD

Ref.	Pin. No.	Voltage [V]
Q701	B	1.6
	E	1.0
Q702	B	1.0
	E	1.7
Q703	B	8.7
	C	178.1
	E	9.2
Q704	B	8.7
	C	177.1
	E	9.2
Q705	B	8.7
	C	175.9
	E	9.2
Q706	B	2.9
	C	8.7
	E	2.9
Q707	B	2.9
	C	8.6
	E	2.9
Q708	B	2.9
	C	8.6
	E	2.1
CRT701	③	230 - 793 (757)
	④	176.6
	⑤	178.5
	⑥	179.0



(1) Schematic Diagram of RP3 Board



VOLTAGE LIST
• RP3 BOARD

Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]
IC501	①	5.2	IC501	②	< 0.7 > (0.1)	Q503	B	1.4
	③	< 5.1 > (0)		③	< 0 > (4.3)		C	4.2
	④	0.8		④	< 0 > (4.3)		E	0.8
	⑤	< 2.0 > (4.0)		⑤	< 0.7 > (0.1)	Q504	B	1.6
	⑥	< 2.6 > (4.3)	Q501	B	2.3		C	3.4
	⑦	< 0.1 > (0.1)		C	3.4		E	1.0
	⑧	< 2.2 > (1.8)		E	1.6	Q505	B	3.3
	⑨	< 0.1 > (2.0)	Q502	B	2.7		C	5.2
	⑩	< 1.6 > (1.9)		C	1.9		E	2.7
	⑪	< 0 > (4.3)		E	3.3			

B-555137<E...>-RP3

MA3 (2/2)
VCR SYSTEM CONTROL, VCR SERVO, VCR AUDIO

CTL HEAD
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Schematic diagram
MA3 board (2/2) ➔

