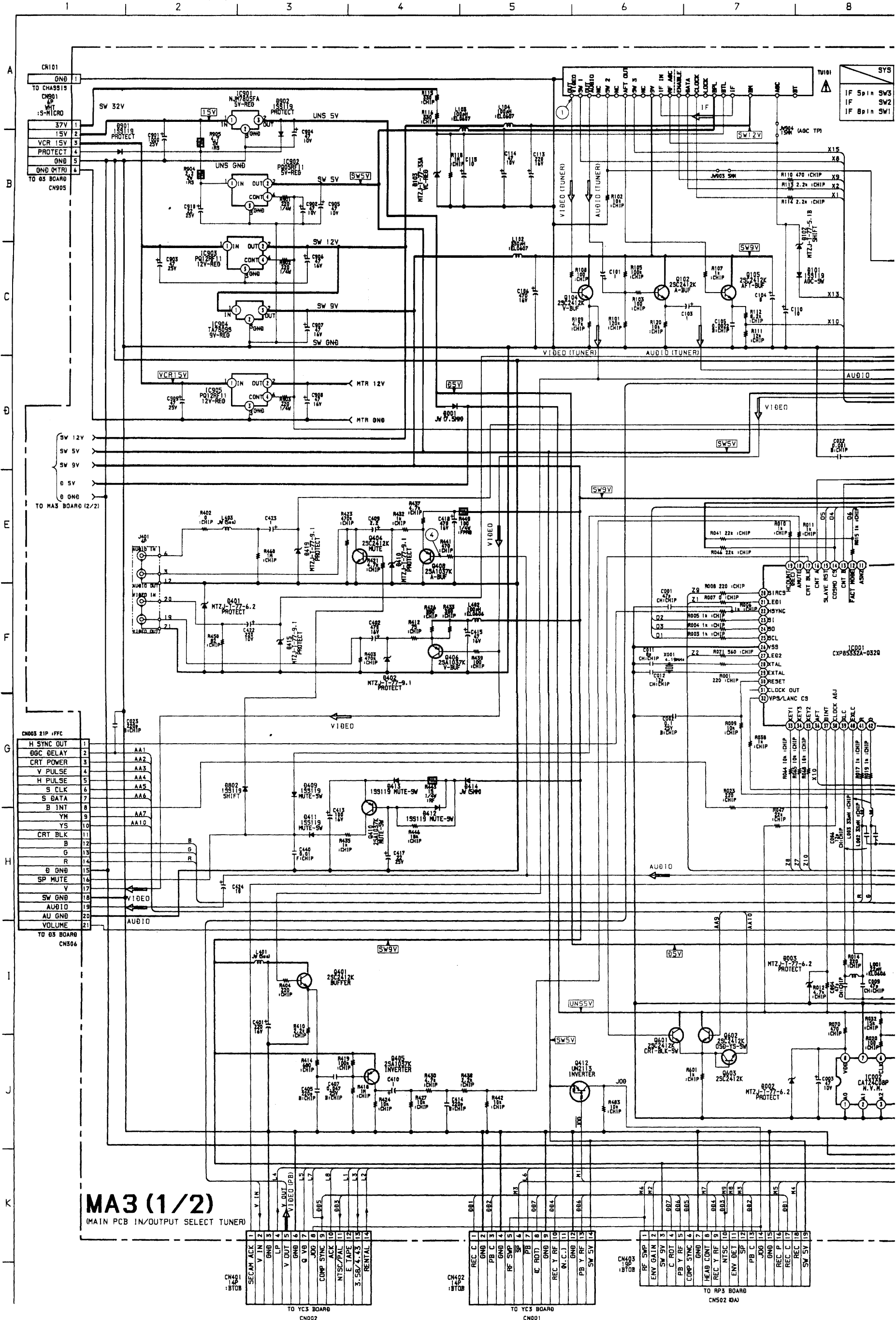




(4) Schematic Diagram of MA3 Board (1/2)



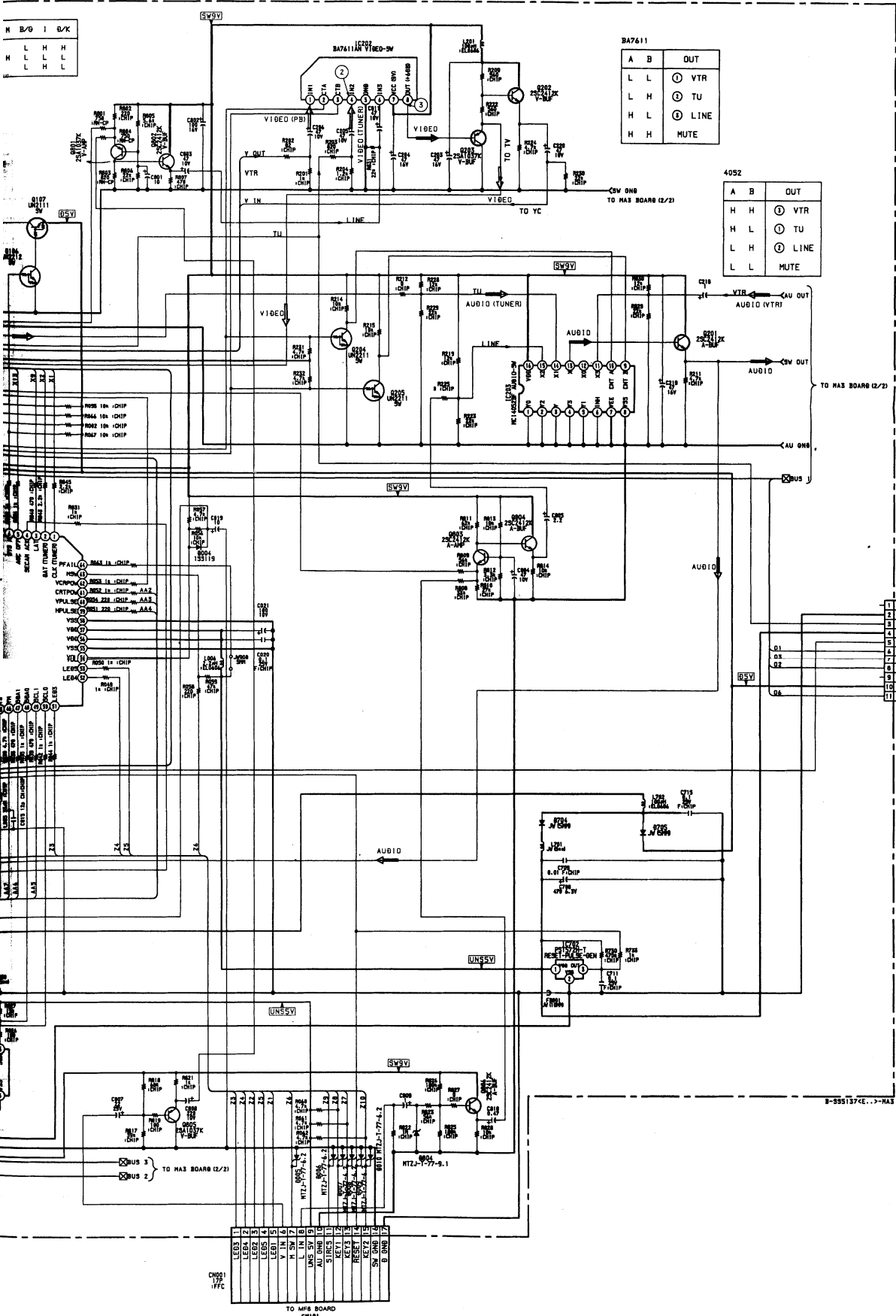
H	B/G	I	B/K
L	H	H	
H	L	L	
L	H	L	

BA7611

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

4052

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



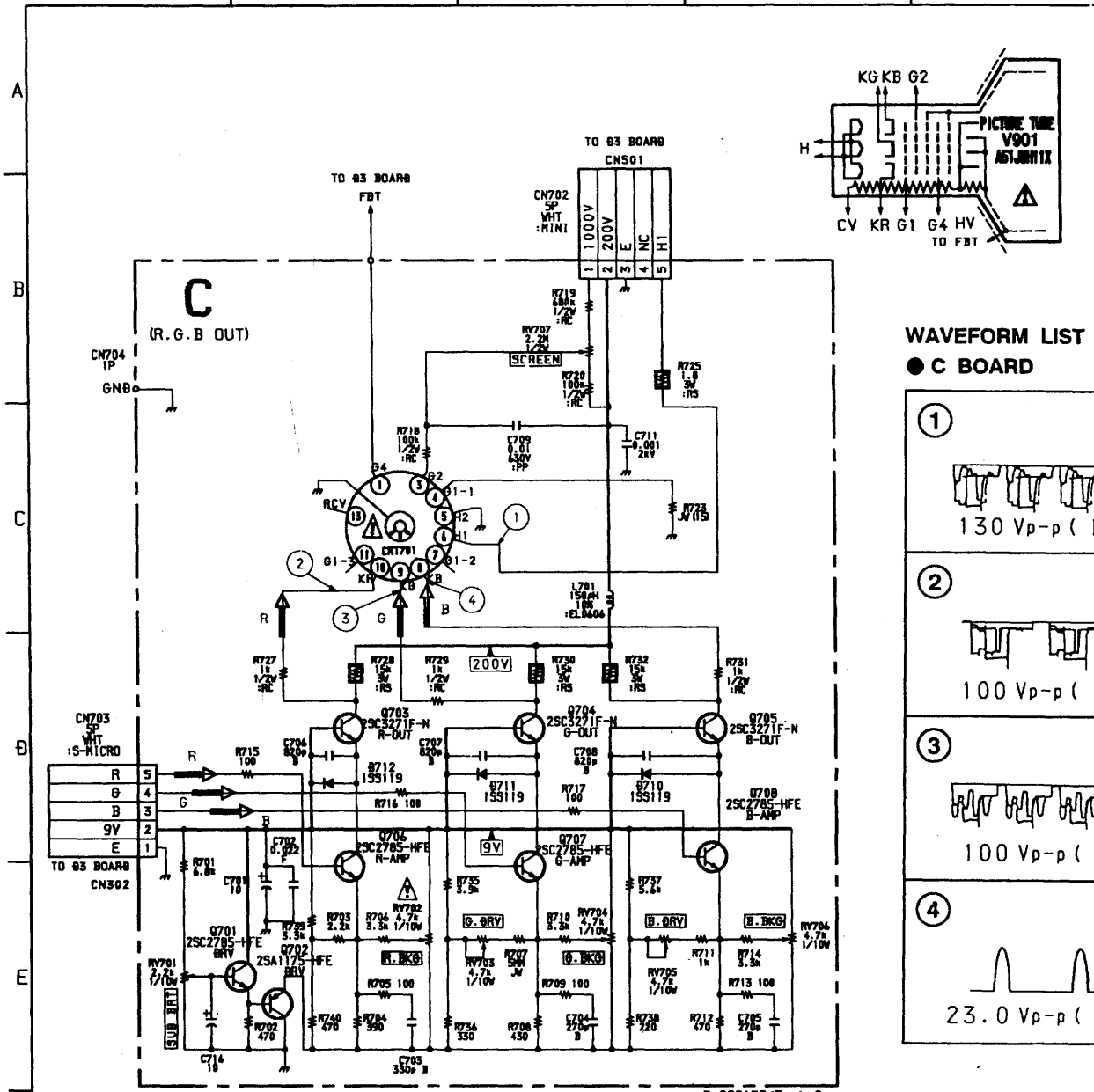
- CH04  
TTP
- 1 NC
  - 2 GND
  - 3 TV Y IN
  - 4 LANC CS
  - 5 S. CLK
  - 6 S. Q1
  - 7 S. Q2
  - 8 S. Q3
  - 9 S. Q4
  - 10 S. Q5
  - 11 S. Q6
  - 12 S. Q7
- CHECK PIN

B-555137/CE...-HAB

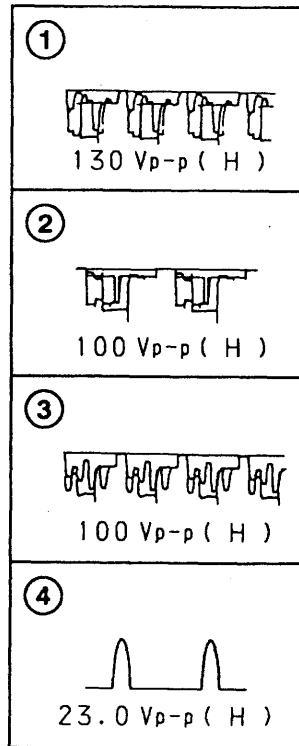
1                    2                    3                    4                    5

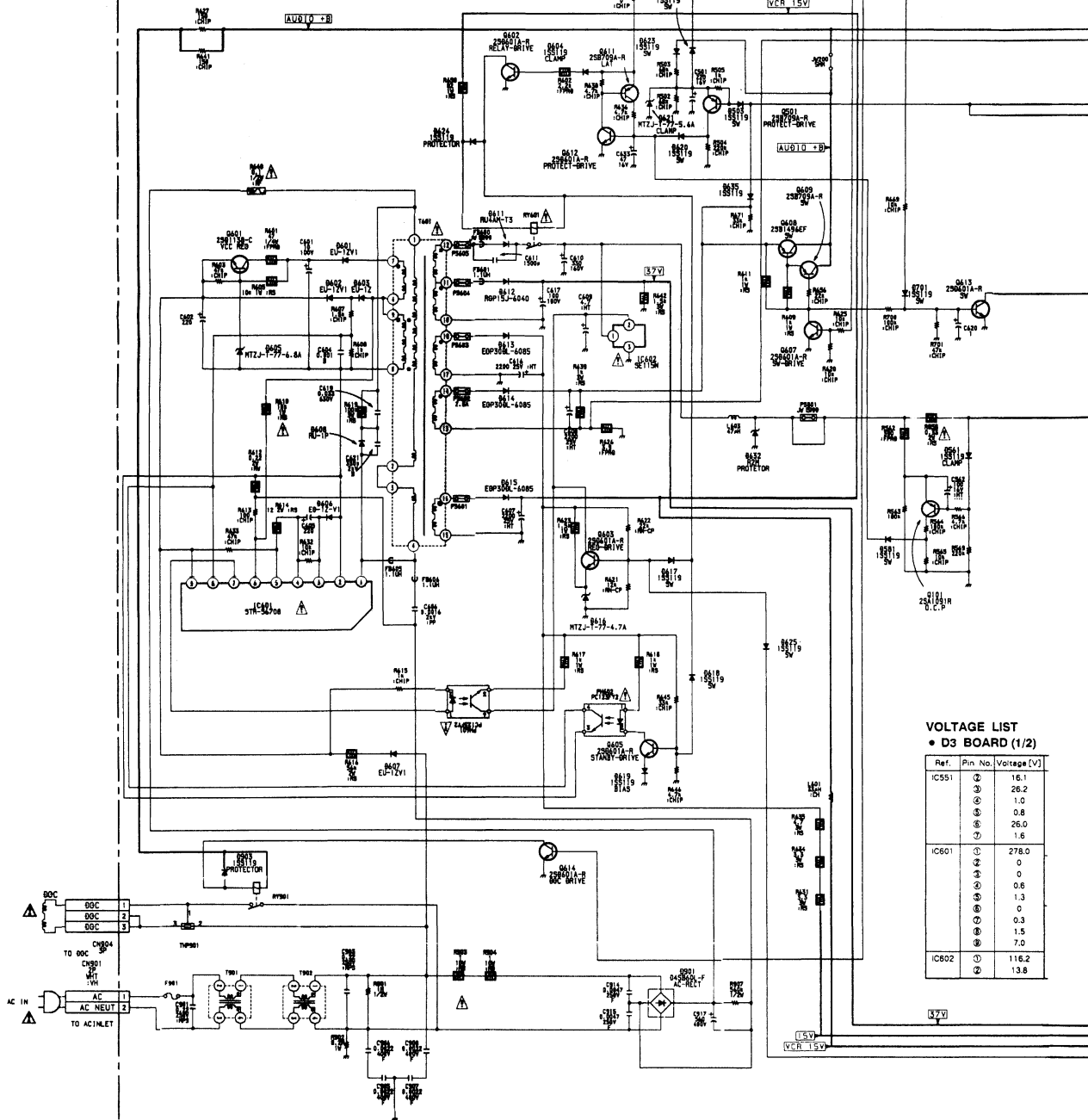
- **C BOARD**

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)
	⑤	176.6
	⑨	178.5
	⑬	179.0



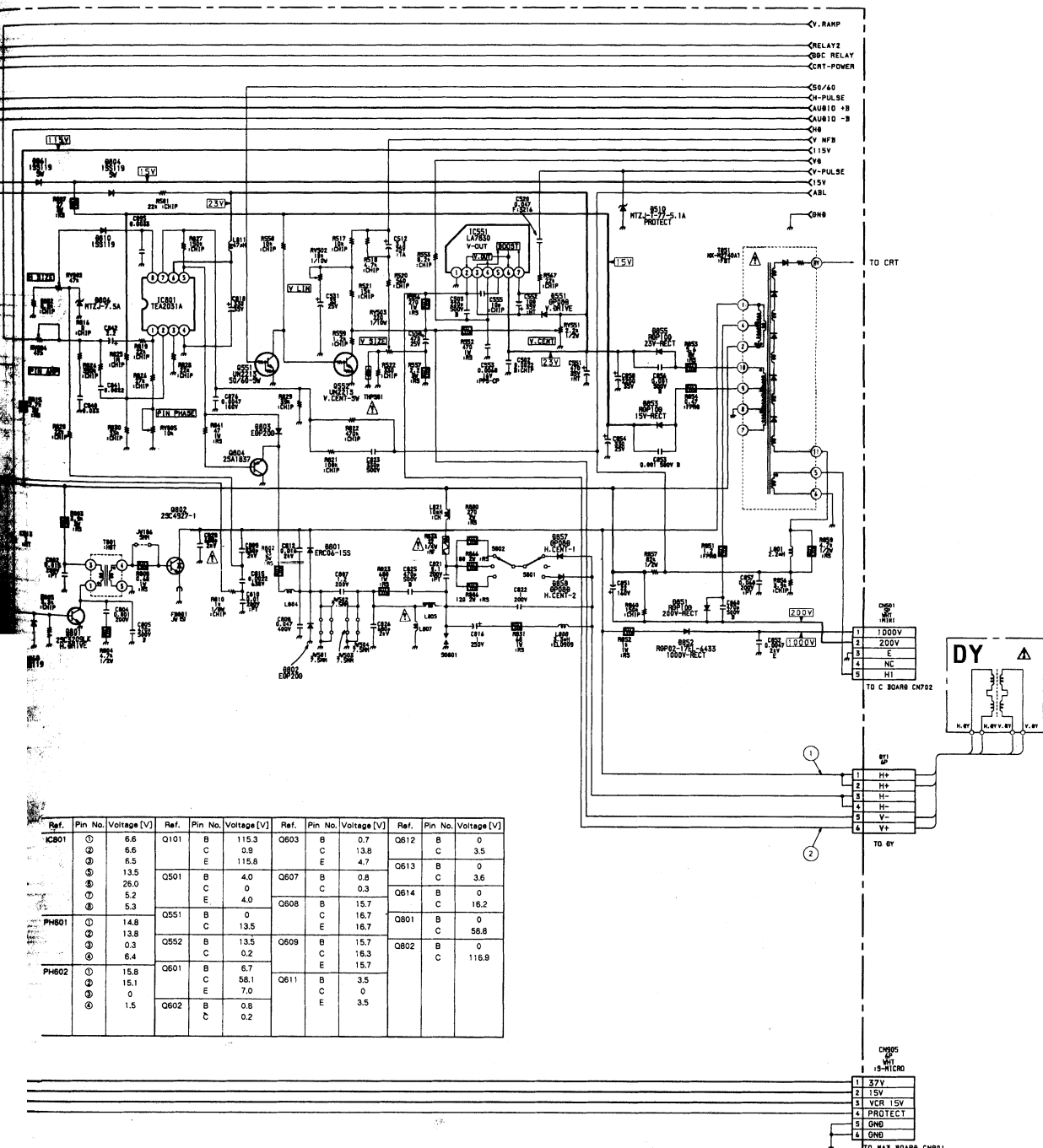
● C BOARD





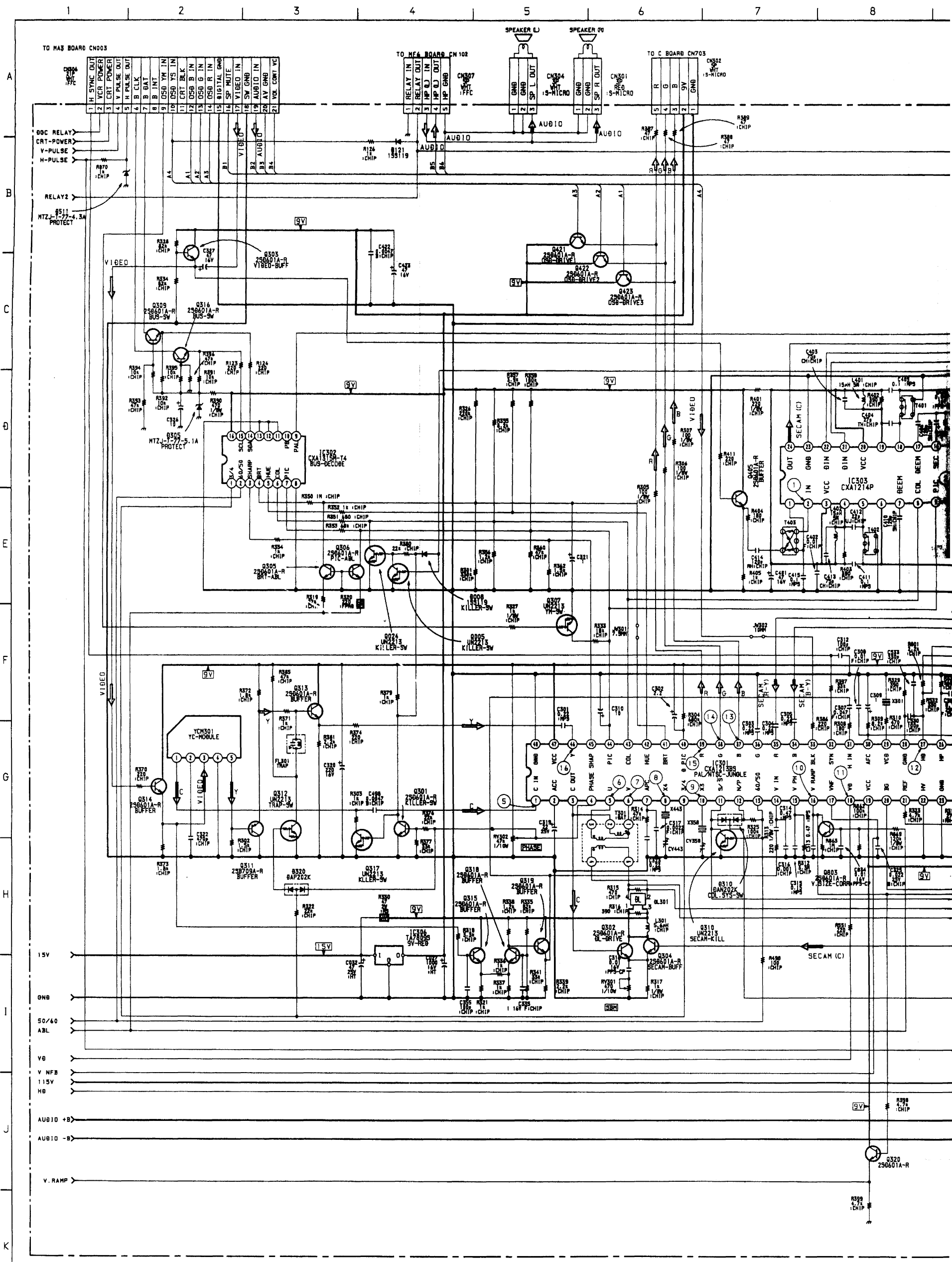
# VOLTAGE LIST • D3 BOARD (1/2)

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



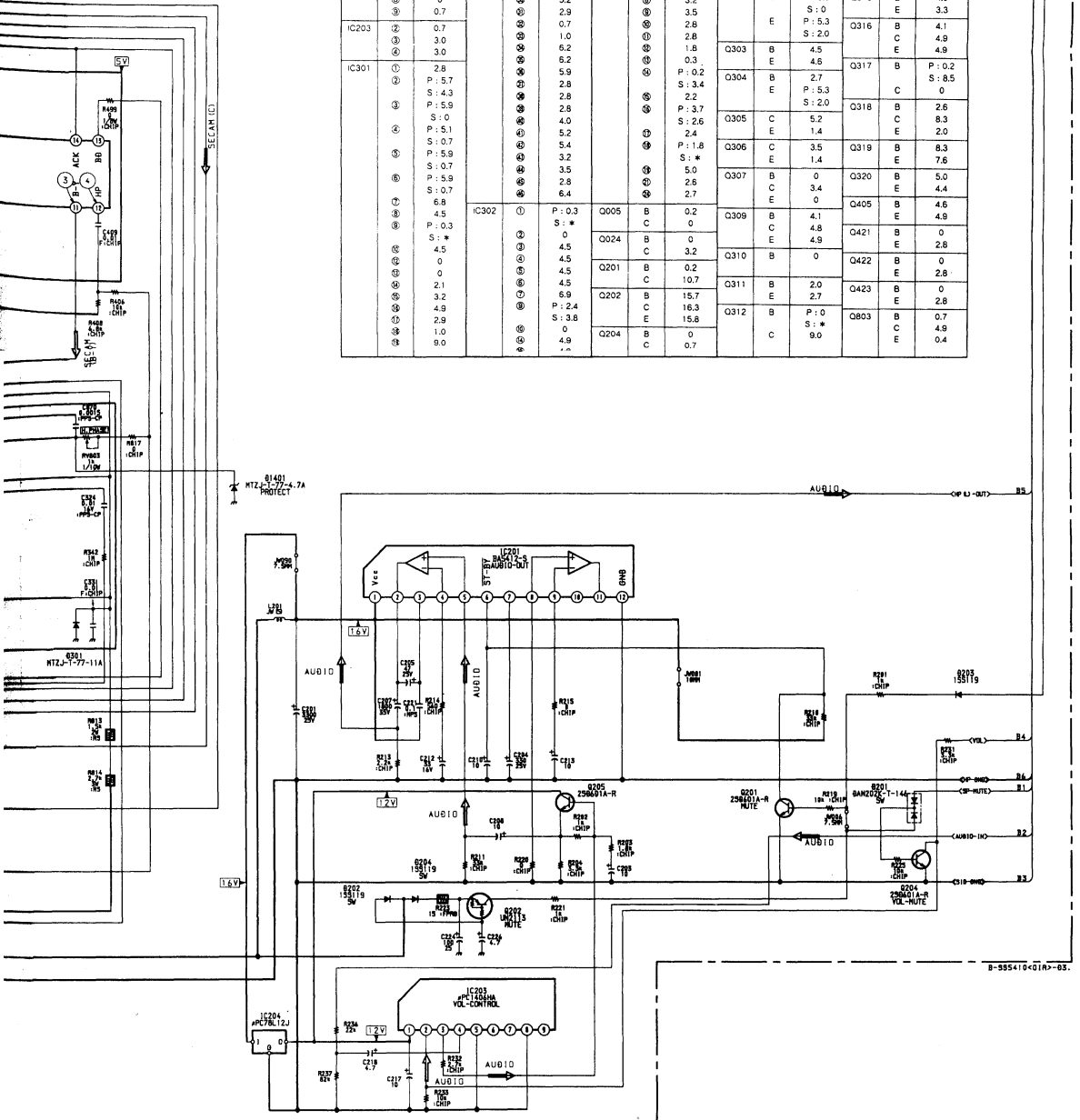
D3(1/2) (V OUT. H OUT)  
POWER

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



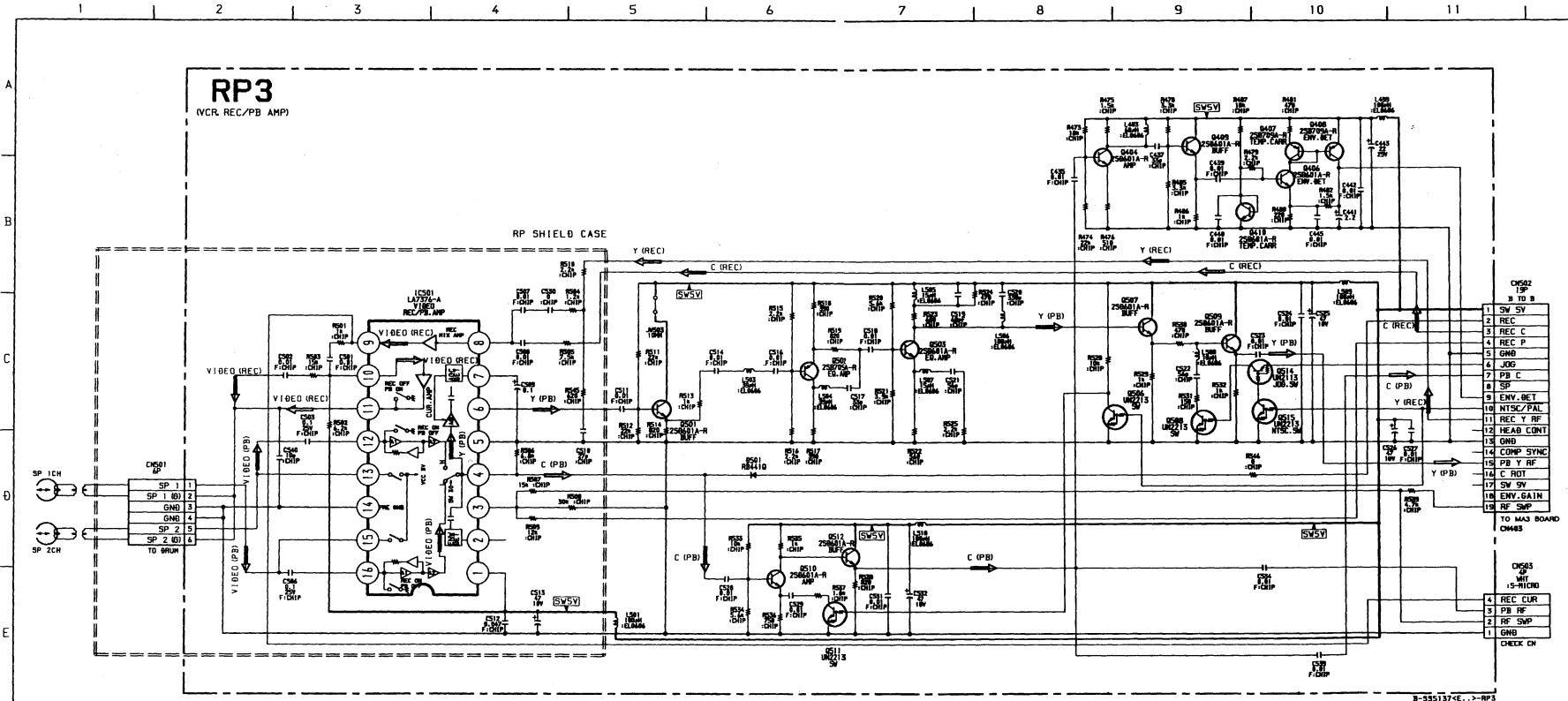
## VOLTAGE LIST • D3 BOARD (2/2)

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		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: 8.5					
	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		E	S: 0		E	3.3	
	⑧	0		⑧	2.9		⑧	3.5		E	P: 5.3	Q316	B	4.1	
	⑨	0.7		⑨	0.7		⑨	2.8		S: 2.0	C		4.9		
IC203	②	0.7	⑩	6.2	⑩	1.8	Q303	B	4.5	Q317	B	P: 0.2			
	③	3.0	⑪	5.9	⑪	0.3		E	4.6		C	S: 8.5			
	④	3.0	⑫	2.8	⑫	P: 0.2	Q304	B	2.7	Q318	B	2.6			
IC301	①	2.8	⑬	2.8	⑬	S: 3.4		E	P: 5.3		C	8.3			
	②	P: 5.7	⑭	4.0	⑭	P: 3.7	Q305	C	5.2		E	2.0			
	③	S: 4.3	⑮	5.2	⑮	S: 2.6		E	1.4	Q319	B	8.3			
	④	P: 5.9	⑯	5.4	⑯	2.4	Q306	C	3.5		C	7.6			
	⑤	S: 0	⑰	3.2	⑰	P: 1.8		E	1.4	Q320	B	5.0			
	⑥	P: 5.1	⑱	3.5	⑱	S: *	Q307	B	0		E	4.4			
	⑦	S: 0.7	⑳	2.8	㉑	2.7		C	3.4	Q405	B	4.6			
	⑧	P: 5.9	㉒	6.4	㉓	0.2		E	0		E	4.9			
	⑨	S: 0.7	IC302	①	P: 0.3	Q005	B	0	Q309	B	4.1	Q421	B	0	
	⑩	P: 0.3		㉔	S: *	C	0	C		4.8	E		2.8		
	⑪	S: *		㉕	4.5	Q024	B	0	Q310	B	0	Q422	B	0	
	⑫	4.5		㉖	4.5	C	3.2	E		4.9	E		2.8		
	⑬	0		㉗	4.5	Q201	B	0.2	Q311	B	2.0	Q423	B	0	
	⑭	0		㉘	4.5	C	10.7	E	2.7	E	2.8				
	⑮	2.1		㉙	6.9	Q202	B	15.7	Q312	B	P: 0	Q803	B	0.7	
	⑯	3.2		㉚	P: 2.4	C	16.3	E		S: *	C		4.9		
	⑰	4.9		㉛	S: 3.8	E	15.8	C	9.0	E	0.4				
	⑱	2.9		㉜	0	Q204	B	0	Q308	B	0	Q406	B	0	
	⑲	1.0	㉝	4.9	C		0.7	E		0	E		0		
	⑳	9.0	㉞	0											





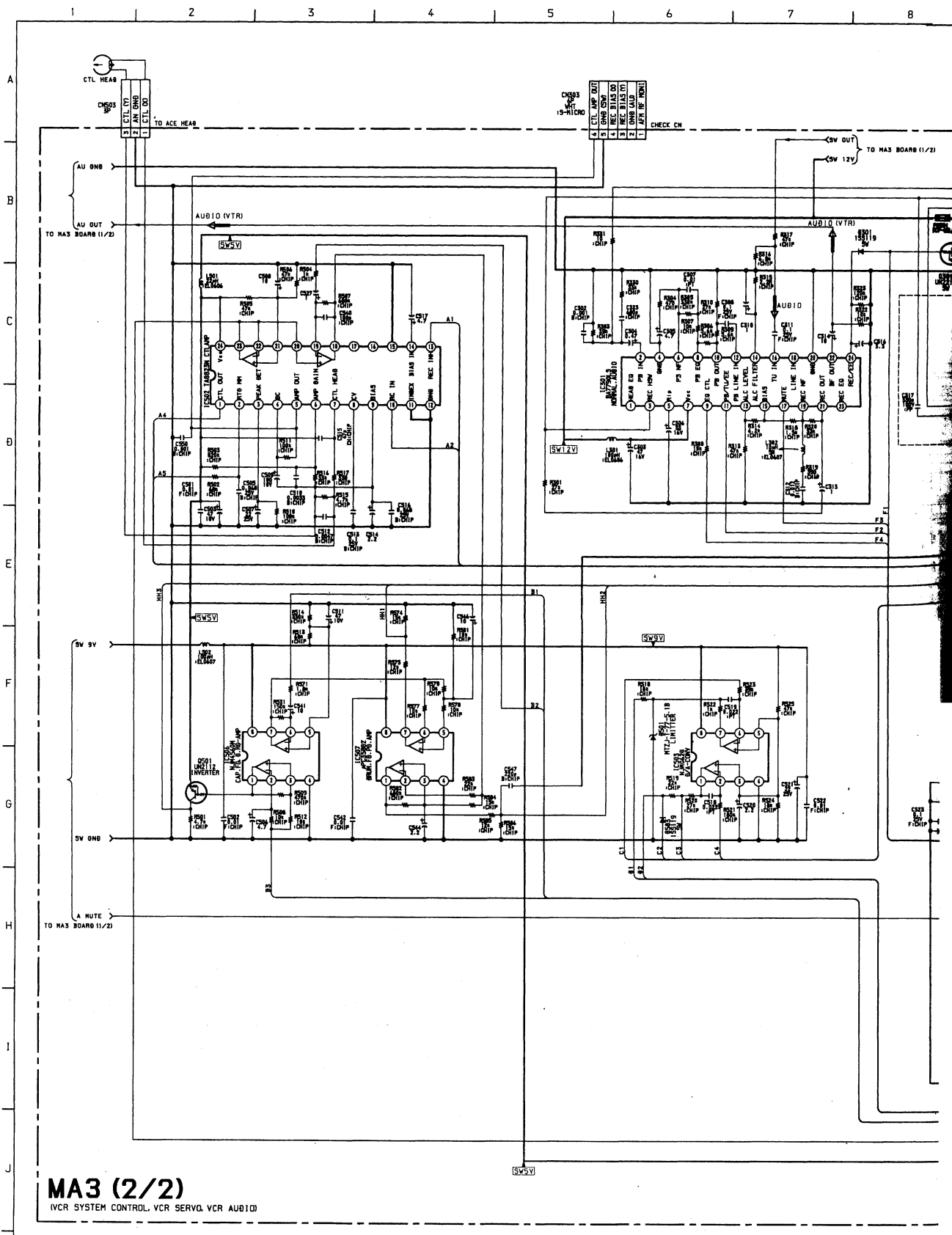
(1) Schematic Diagram of RP3 Board

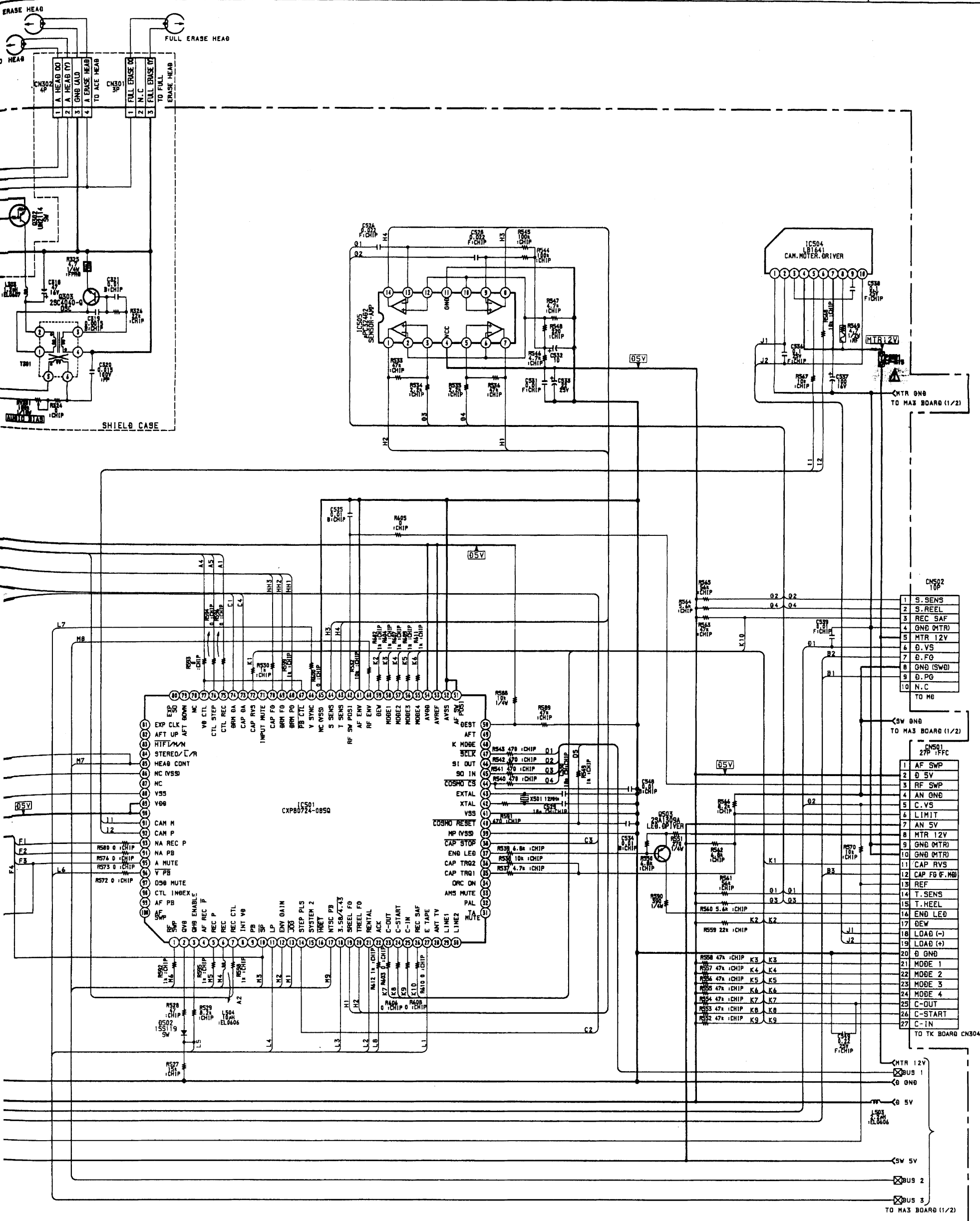


VOLTAGE LIST  
• RP3 BOARD

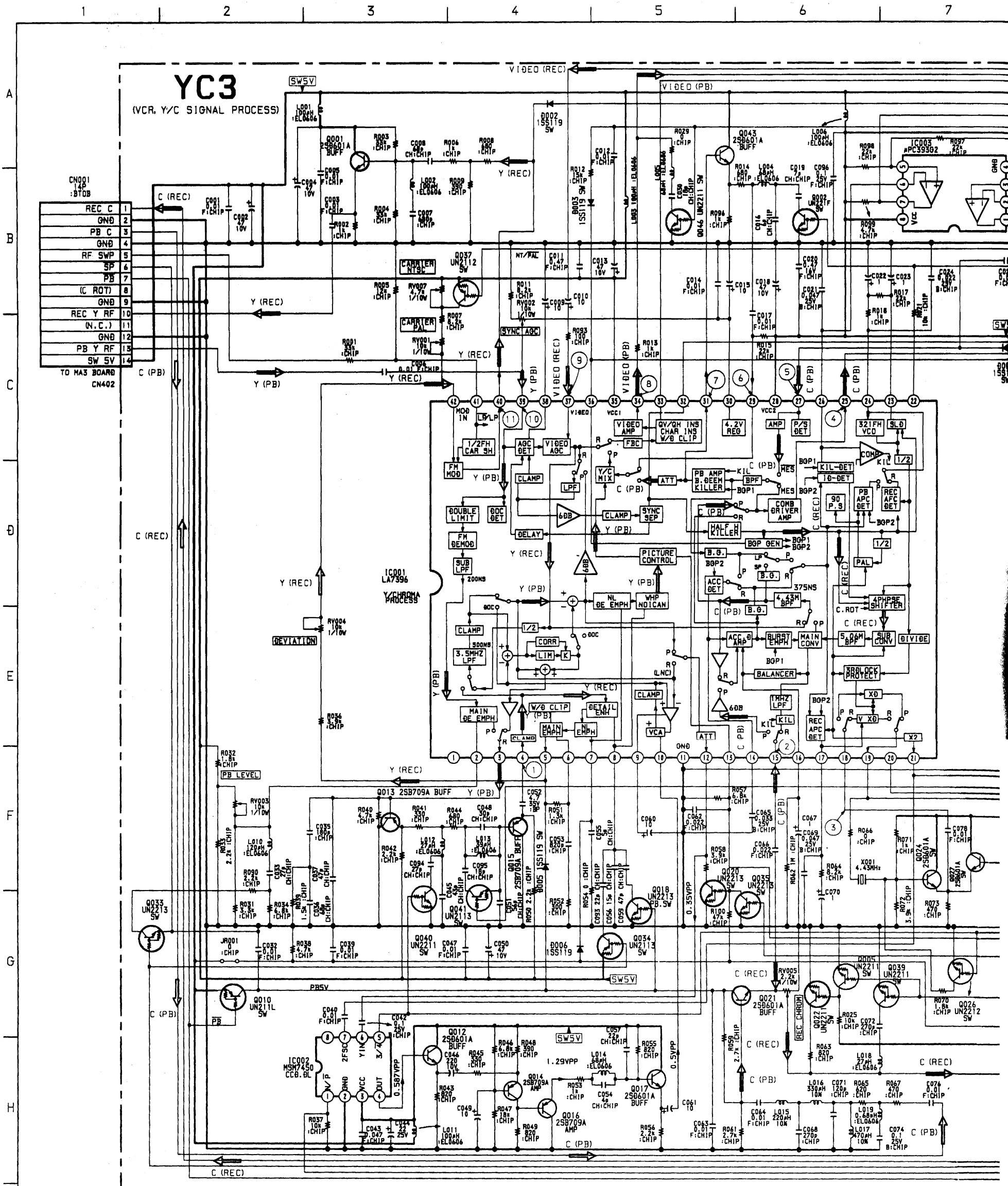
Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]
IC501	①	5.2	IC501	②	< 0.7 > (0.1)	Q503	B	1.4
	③	< 5.1 > (0)		③	< 0 > (4.3)		C	4.2
	④	0.8		④	< 0 > (4.3)		E	0.8
	⑤	< 2.0 > (4.0)		⑤	< 0.7 > (0.1)	Q504	B	1.6
	⑥	< 2.6 > (4.3)	Q501	B	2.3		C	3.4
	⑦	< 0.1 > (0.1)		C	3.4		E	1.0
	⑧	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

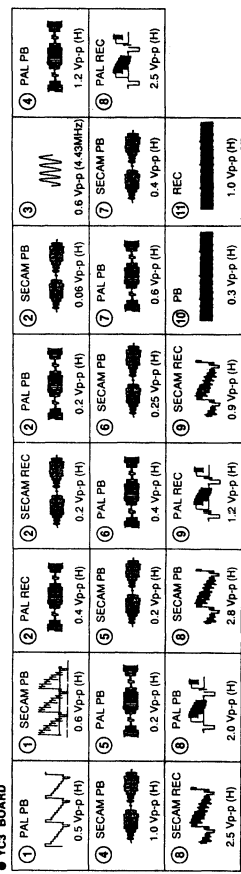
(j) Schematic Diagram of MA3 Board (2/2)





### (3) Schematic Diagram of 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 < 2.6 >	IC001	⑤	2.8	Q001	B	2.5	Q015	B	3.4	Q028	B	0	Q040	B	0		
	⑦	2.7		⑥	4.8		C	5.1		E	3.9		C	4.9		C	0.3		
	⑨	2.9		⑦	0.8		E	1.8		Q016	B	1.5	E	0		Q041	B	3.4	
	⑩	2.9 < 4.4 >		⑧	3.2	Q002	B	0			E	2.1	C	5.4 (0)			C	0	
	⑪	2.9 < 4.4 >		⑨	0 < 1.5 >		C	0		Q017	B	3.7	0 (0.8)	E		3.4			
	⑫	4.5		⑩	4.9	Q003	B	0	Q018	B	3.1	Q031	B	0.2	Q043	B	2.5		
	⑬	2.6		⑪	3.0		E	1.3		C	0 (5.1)		C	4.8		C	5.1		
	⑭	3.5		⑫	0.8	Q004	B	1.9		C	0	Q032	B	0		E	1.9		
	⑮	2.2		⑬	2.4		E	1.3	Q020	B	2.7		C	4.3 P : (0.8)	Q044	B	5.0		
	⑯	2.3		IC002	⑭	0.7	Q005	B		0.7	C	0	Q033	B		5.4 (0)	C	0	
	⑰	2.5			⑮	3.6		C	2.8	Q021	B	0 (2.6)		C	0	Q045	B	0	
	⑱	2.0			⑯	0		E	0		C	0 (5.1)		P : (1.8)	Q046		B	5.0	
	⑳	3.0			⑰	2.3	Q006	B	2.5		E	0 (1.9)		S : (2.6)			C	0	
	㉑	2.8			⑱	2.6		E		Q022	B	2.8	Q034	B			5.4 (0)	Q047	B
㉒	2.3	㉑	0		Q007	B	5.0	C	0		C	* (5.0)		Q048			B	5.0	
㉓	3.6	㉒	2.5			C	0	E	0		B	0		Q049			B	5.0	
㉔	3.1 < 2.3 >	㉓	4.9			E	5.1	Q024	B		3.9	Q035	C	2.7			Q050	B	5.0
㉕	1.7	IC003	㉔	3.7	Q008	B	5.0	C	4.9		Q036	B	0	Q051			B	5.0	
㉖	4.9		㉕	3.7		C	0	E	3.2			C	2.5				Q052	B	5.0
㉗	0		㉖	3.7		E	5.1	Q025	B		0 (0) < 0.7 >	Q037	B				0.7	Q053	B
㉘	3.3		㉗	3.7	Q009	B	5.4 (0)	C	0		C	5.0	Q054				B	5.0	
㉙	3.3		㉘	4.8		C	0 (5.1)	E	0.8 < 1.3 >		E	5.0	Q055				B	5.0	
㉚	2.5		㉙	4.6		E	2.9	Q026	B		0	Q038	B				4.9	Q056	B
㉛	2.0		㉚	3.2	Q010	B	3.5	C	3.9		Q039	B	0		Q057	B	5.0		
㉜	2.0	㉛	3.2	Q012	B	2.7	C	0	Q038	B	0.7	Q058	B			5.0			
㉝	4.9	㉜	0		E	3.3	E	0		C	0		Q039			B	0		
㉞	3.1	㉝	3.7	Q013	B	3.7	Q027	B	2.9	C	0					Q059	B	5.0	
㉟	4.3	㉞	4.4	E	1.5	C	4.9	C	0	Q060	B						5.0		
㊱	2.5	㉟	4.3	B	3.7	E	3.2	E	0		Q061						B	5.0	
㊲	2.9	㊱	4.4	C	1.5	E	3.2	E	0						Q062		B	5.0	
㊳	0	㊲	4.4	E	4.4	E	3.2	E	0			Q063	B	5.0					