

СЕРВИСНАЯ ИНСТРУКЦИЯ



Цветной телевизор
TC-29GF10R

Шасси M17

GA00

**РАСПОЛОЖЕНИЕ ОРГАНОВ УПРАВЛЕНИЯ И ПЕЧАТНЫХ ПЛАТ
СОВЕТЫ ПО ТЕХНИЧЕСКОМУ ОБСЛУЖИВАНИЮ
СПЕЦИАЛЬНАЯ СЕРВИСНАЯ ПРОЦЕДУРА
РЕГУЛИРОВКИ
СТРУКТУРНЫЕ СХЕМЫ**

**Блок питания
Виде-блок
Звуковой блок
Блок управления
Блок отклонения**

БЛОК-СХЕМЫ

**Пульт дистанционного управления
Платы D, P
Платы A, X1
Платы B3, H1
Платы G, K, L, U, Z
Платы Y1**

Таблица осциллограмм

**РАСПОЛОЖЕНИЕ УЗЛОВ
ПЕРЕЧЕНЬ ЗАПАСНЫХ ЧАСТЕЙ**

TC-29GF10R

Пульт дистанционного управления TNQ10448

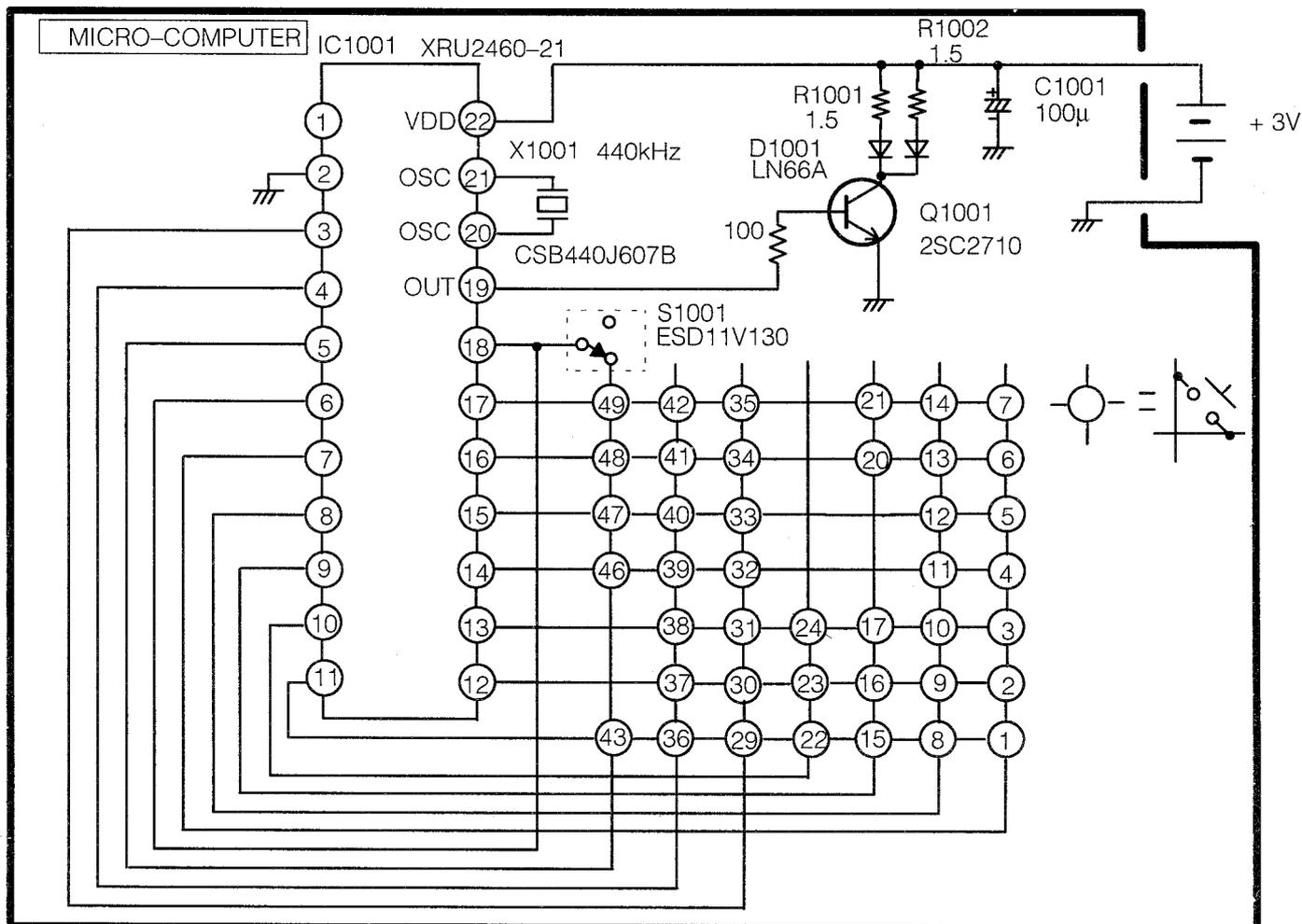
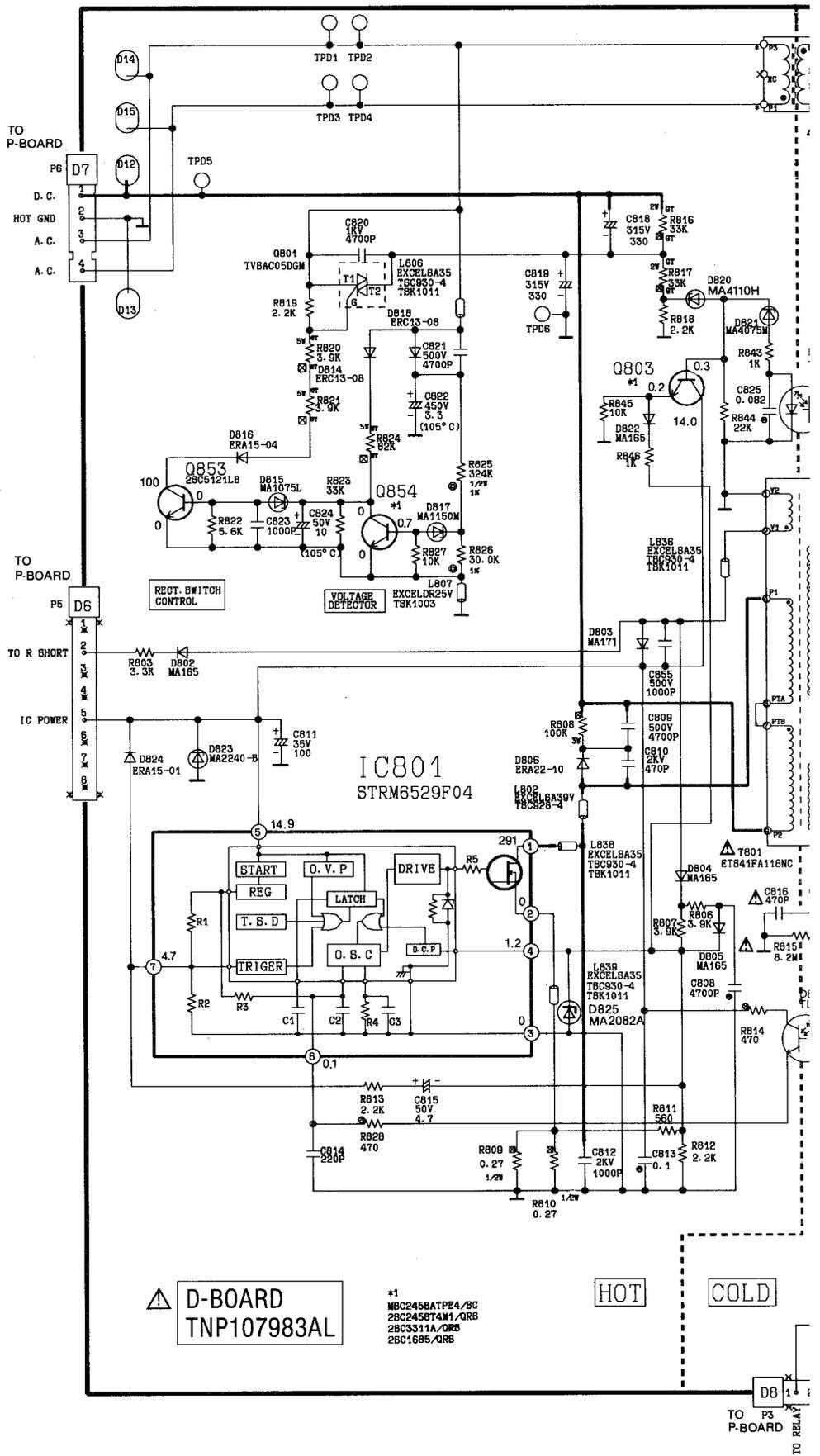


Таблица функций клавиш

Key No.	Data Code	Function	Key No.	Data Code	Function	Key No.	Data Code	Function
1	3D	POWER	15	32	MUTE	34	35	VCR CH. DOWN
2	05	TV / AV	16	39	RECALL	35	0A	VCR PLAY
3	10	1	17	3A	CS	36	00	VCR STOP
4	11	2	20	20	VOL. UP	37	03	VCR FF.
5	12	3	21	21	VOL. DOWN	38	02	VCR REW
6	13	4	22	34	CH. UP	39	06	VCR PAUSE
7	14	5	23	35	CH. DOWN	40	0C	VCR ADVANCE
8	15	6	24	31	SURROUND	41	08	VCR REC.
9	16	7				42	36	TV / VCR SW.
10	17	8	29	0C	NORMAL	43	52	MAIN MENU
11	18	9	30	50	PICTURE MENU	46	4A	POSITION UP
12	19	0	31	51	SOUND MENU	47	4B	POSITION DN.
13	3B	- / - - (2DIGIT)	32	3D	VCR POWER	48	4E	POSITION L
14	0F	OFF TIMER	33	34	VCR CH. UP	49	4F	POSITION R

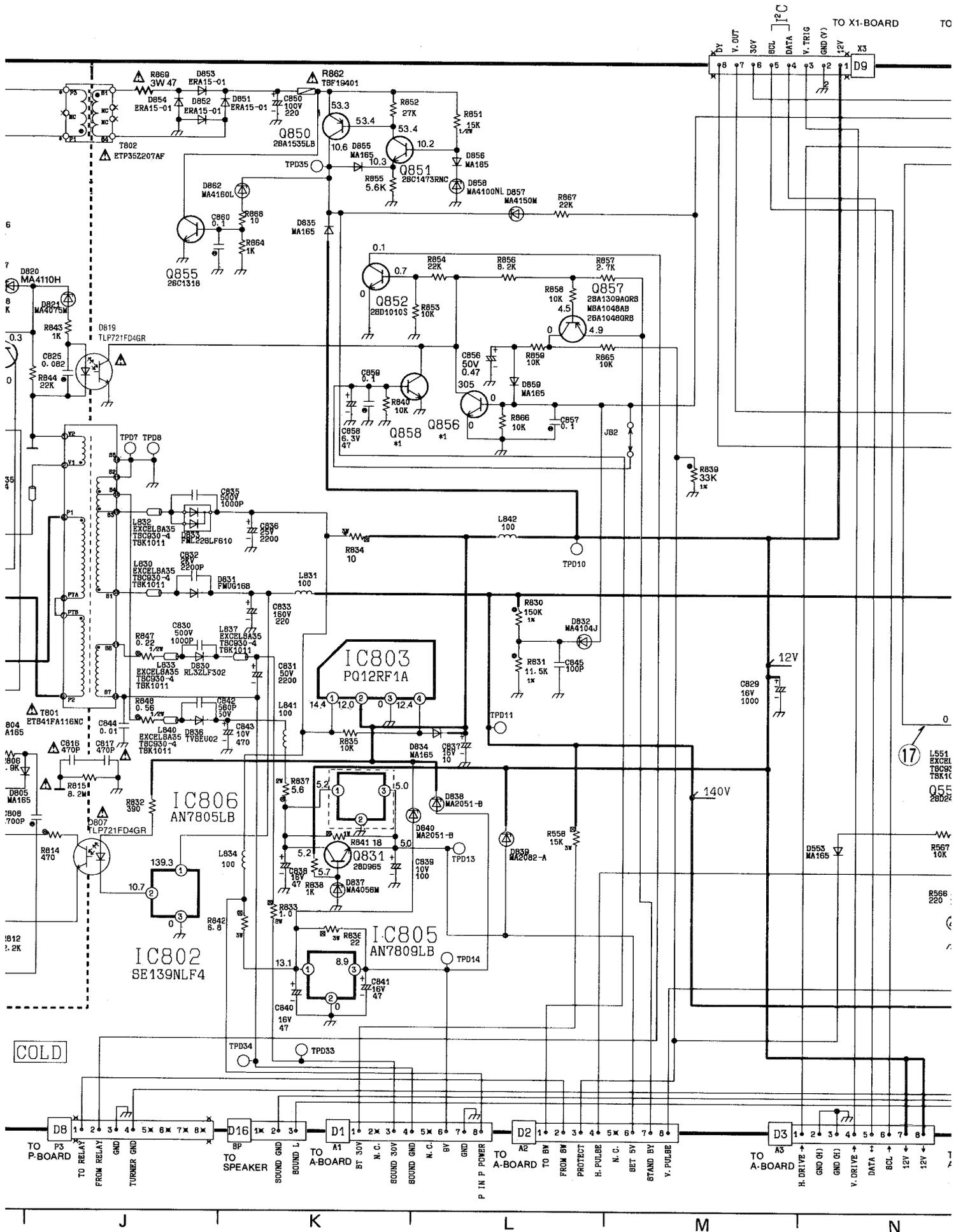


G

H

I

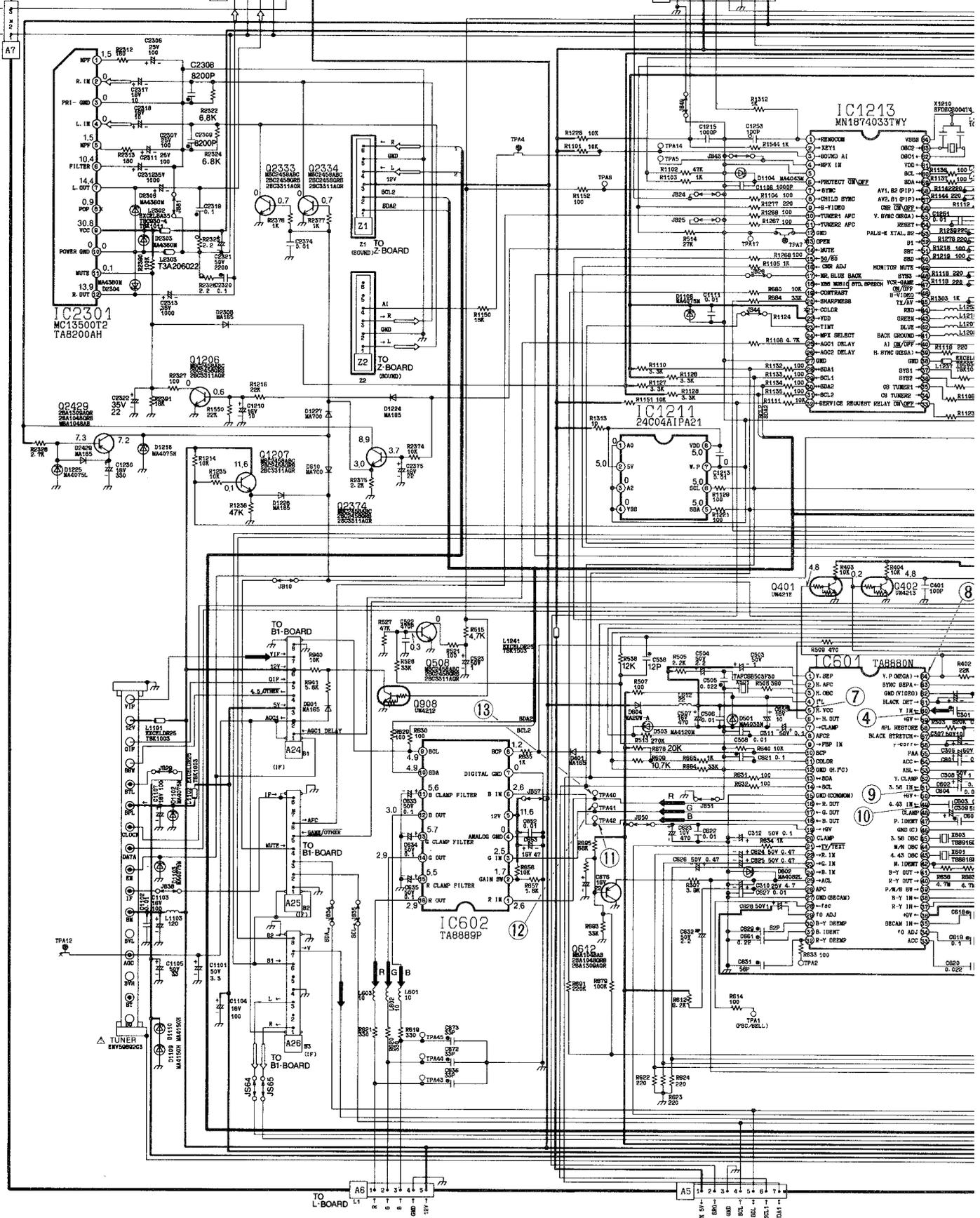




1	2	3	4	5	6	7	8	9
4.5	5.0	3.7	0	-	0	0.1	0.2	0
33	34	35	36	37	38	39	40	4
5.0	0	-	5.0	5.0	0	4.8	4.8	-

A-BOARD
TNP197082AX

TO K-BOARD
(TRANSIT)



A B C D E



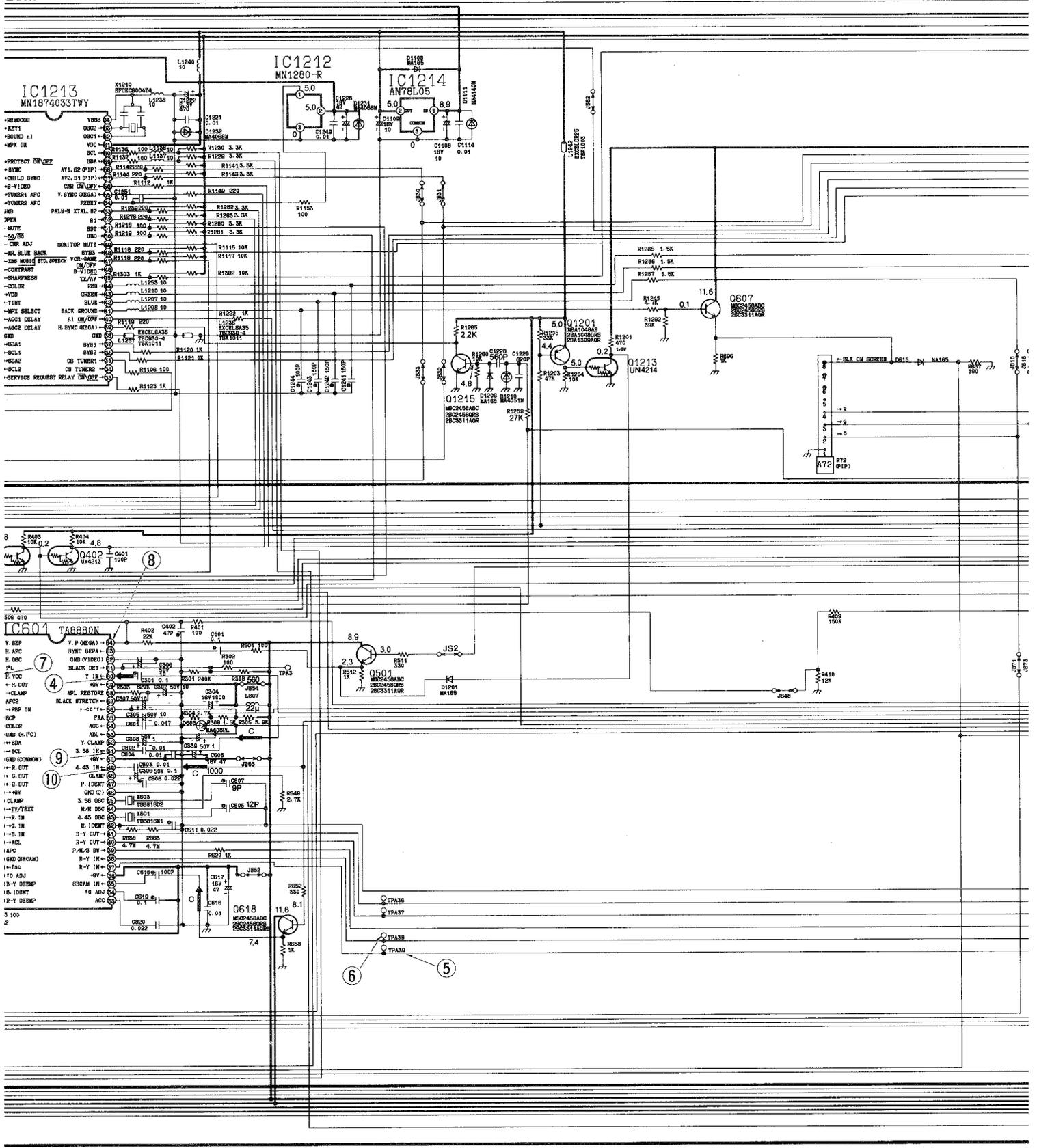
TC-29GF10R

Voltage Table for IC1213

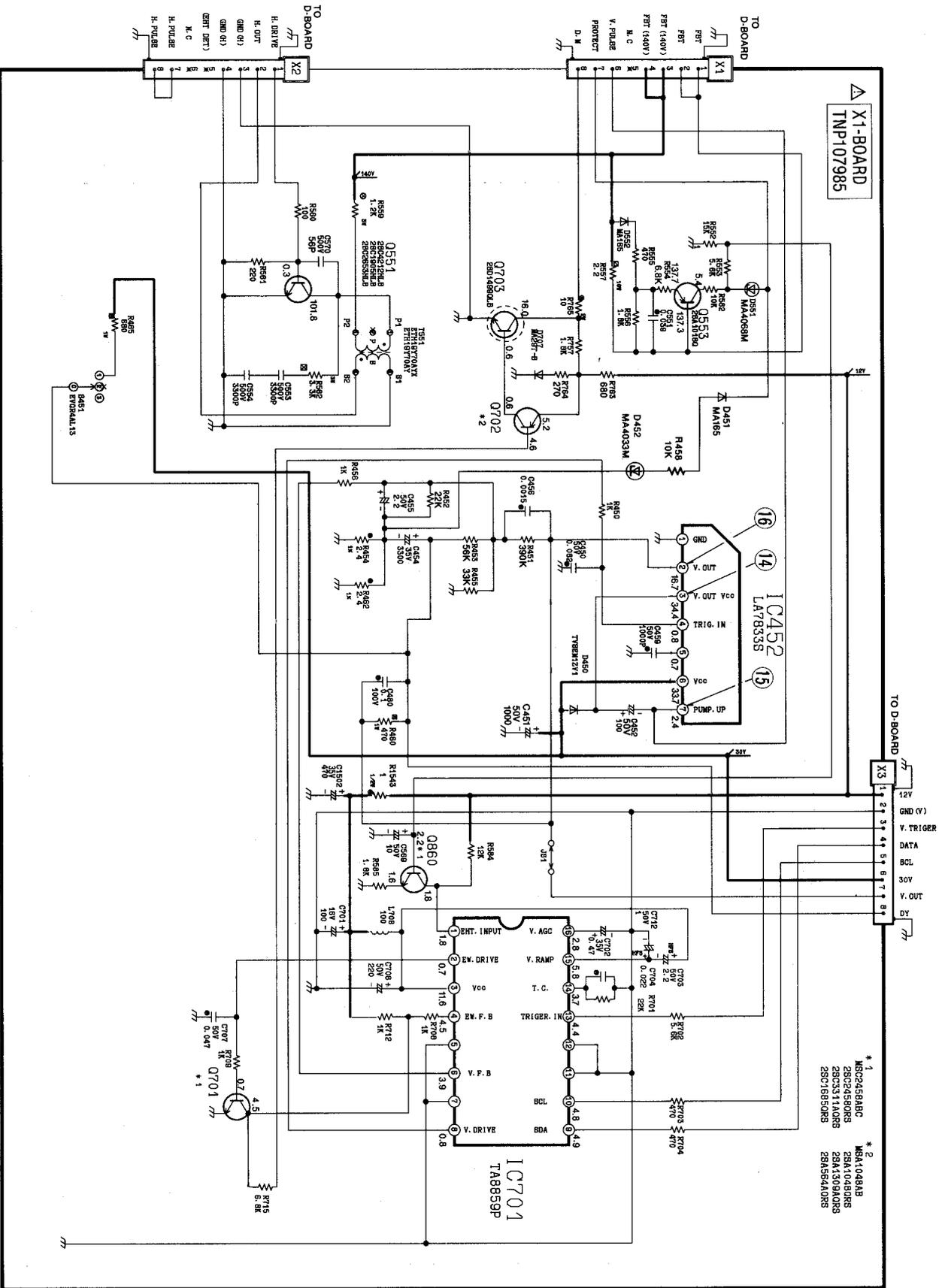
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
4.5	5.0	3.7	0	0	0.1	0.2	0.1	2.6	0.2	0	-	4.0	0.1	4.1	0.1	3.4	2.6	2.5	5.0	3.0	0	2.5	2.5	0	4.8	5.0	4.9	4.9	5.0		
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
5.0	0	-	5.0	5.0	0	4.8	4.8	-	-	-	-	-	2.9	5.0	0.1	-	-	5.0	4.0	0.1	4.8	5.0	0.1	0.1	-	-	5.0	2.0	2.0	0	

Voltage Table for IC1214

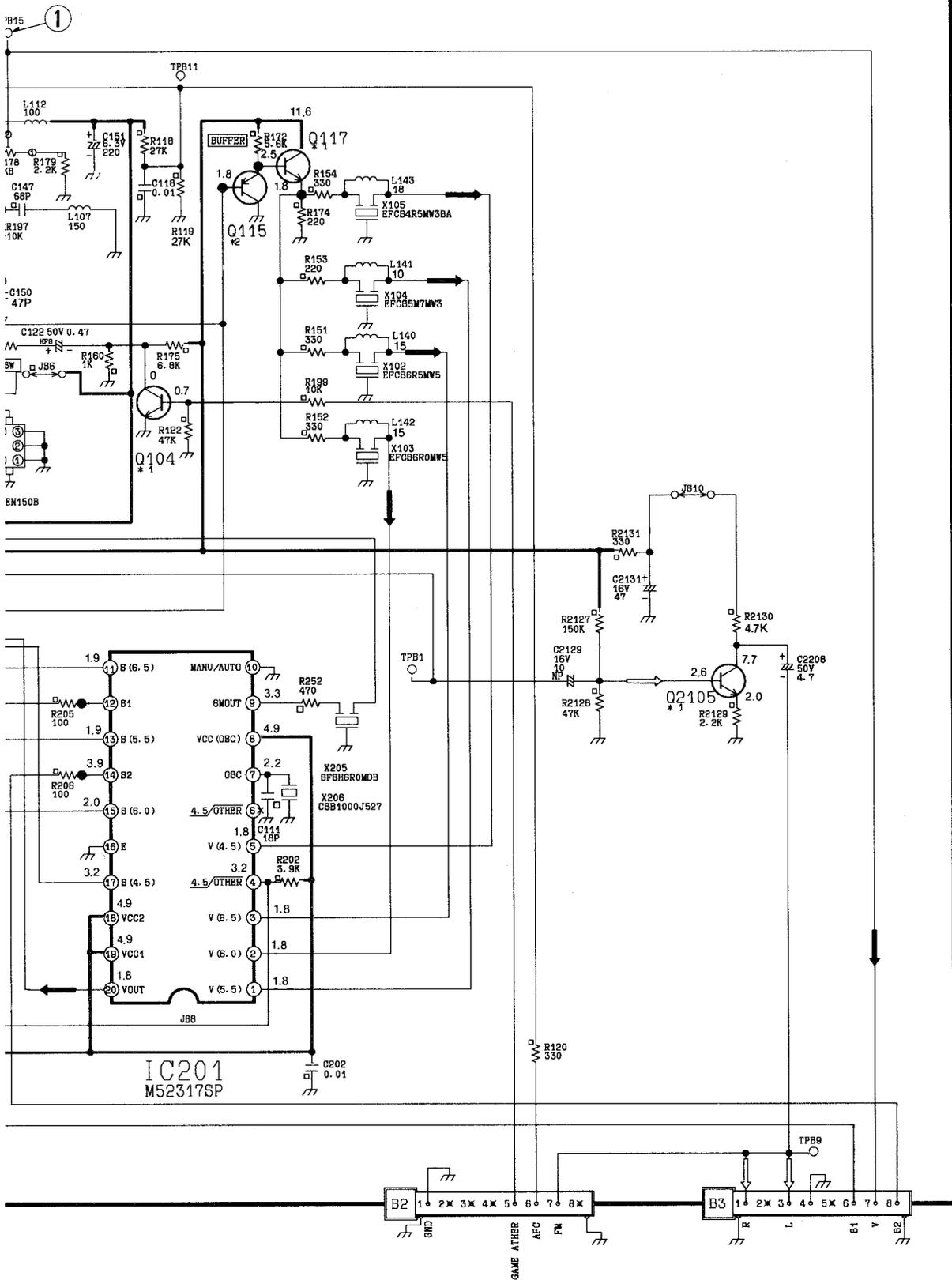
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7.5	8.9	7.4	3.9	10.3	2.3	4.3	7.6	0.5	1.6	3.6	0	5.0	5.0	0	2.6	2.5	2.6	8.9
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
4.2	6.2	1.3	8.9	5.1	5.1	8.2	3.3	3.3	8.0	5.8	3.6	6.2	0	8.0	3.8	1.7	8.9	1.7



X1-BOARD
TNP107985



- * 1
- MS2026SARC
- 280265R0R3
- 28033114OR3
- 28016850R3
- * 2
- MS1100BAR
- 28A1100R0R3
- 28A1300R0R3
- 28A564A0R3



E

F

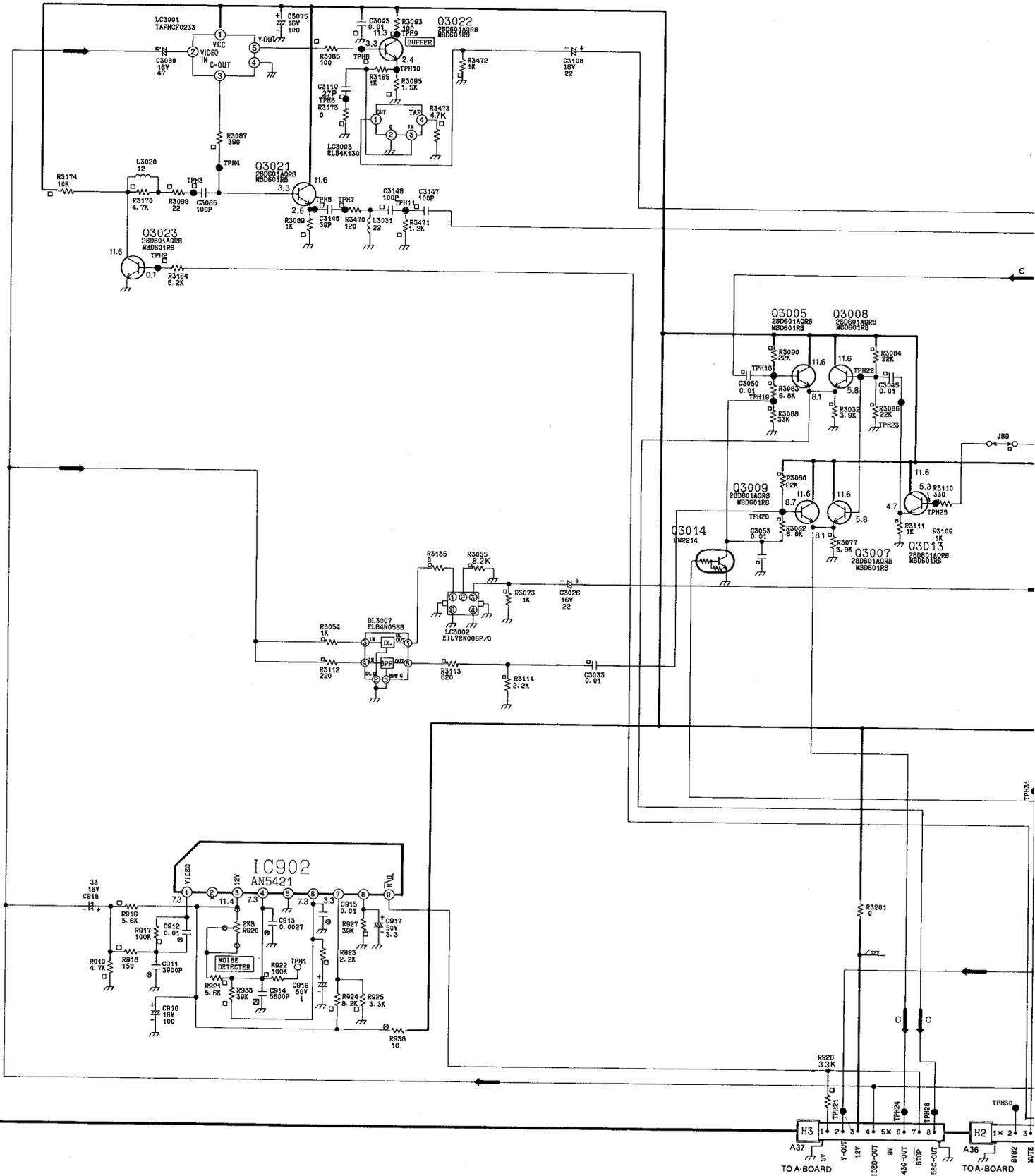
G

H

I



△ H1-BOARD
TNP107981



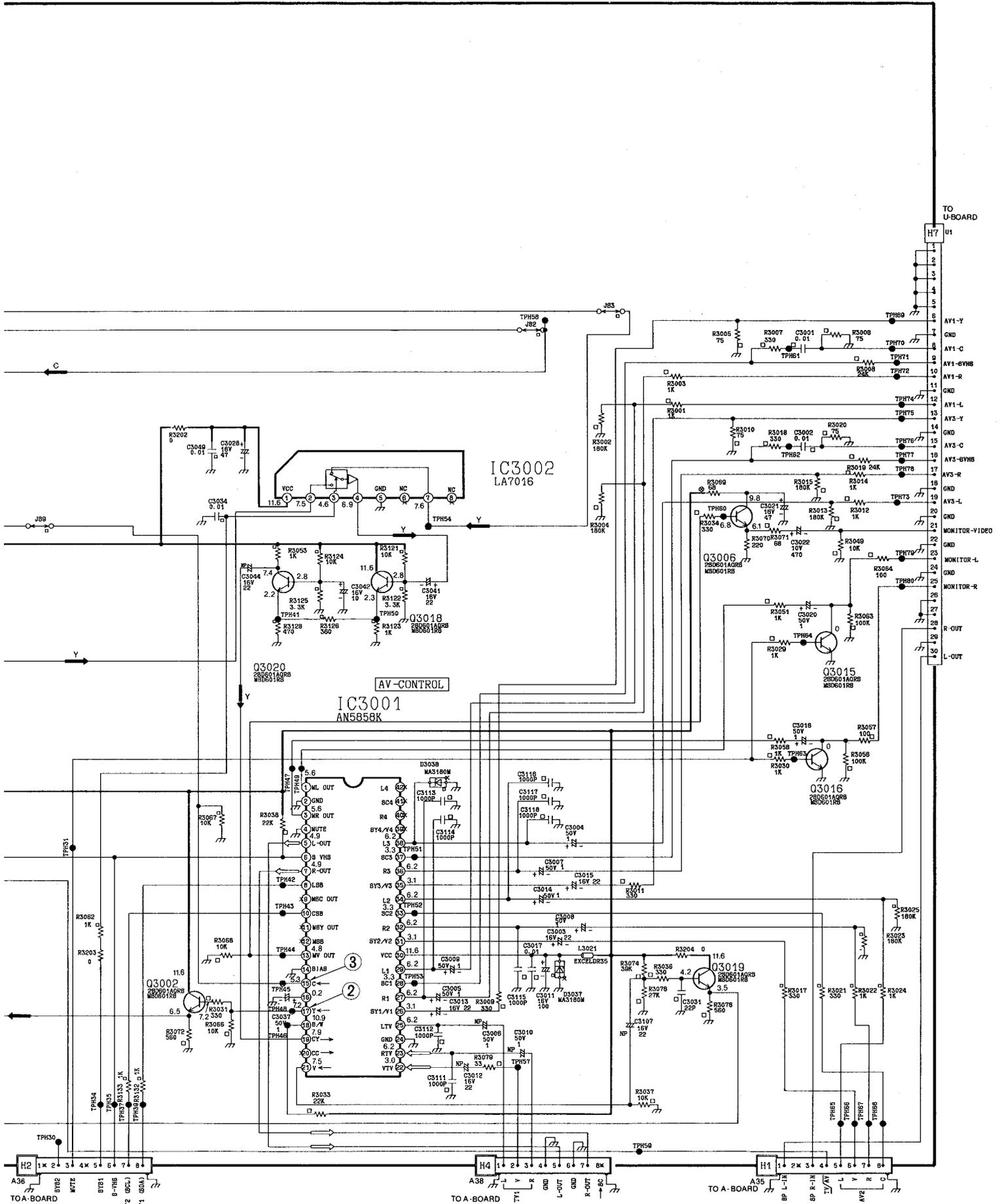
J

K

L

M

N



TO U-BOARD

H7 U1

AV1-Y
GND
AV1-C
AV1-BVHB
AV1-R
GND
AV1-L
AV3-Y
AV3-C
AV3-BVHB
AV3-R
GND
AV3-L
GND
MONITOR-VIDEO
GND
MONITOR-L
GND
MONITOR-R
R-OUT
L-OUT

IC3002
LA7016

AV-CONTROL
IC3001
AN5858K

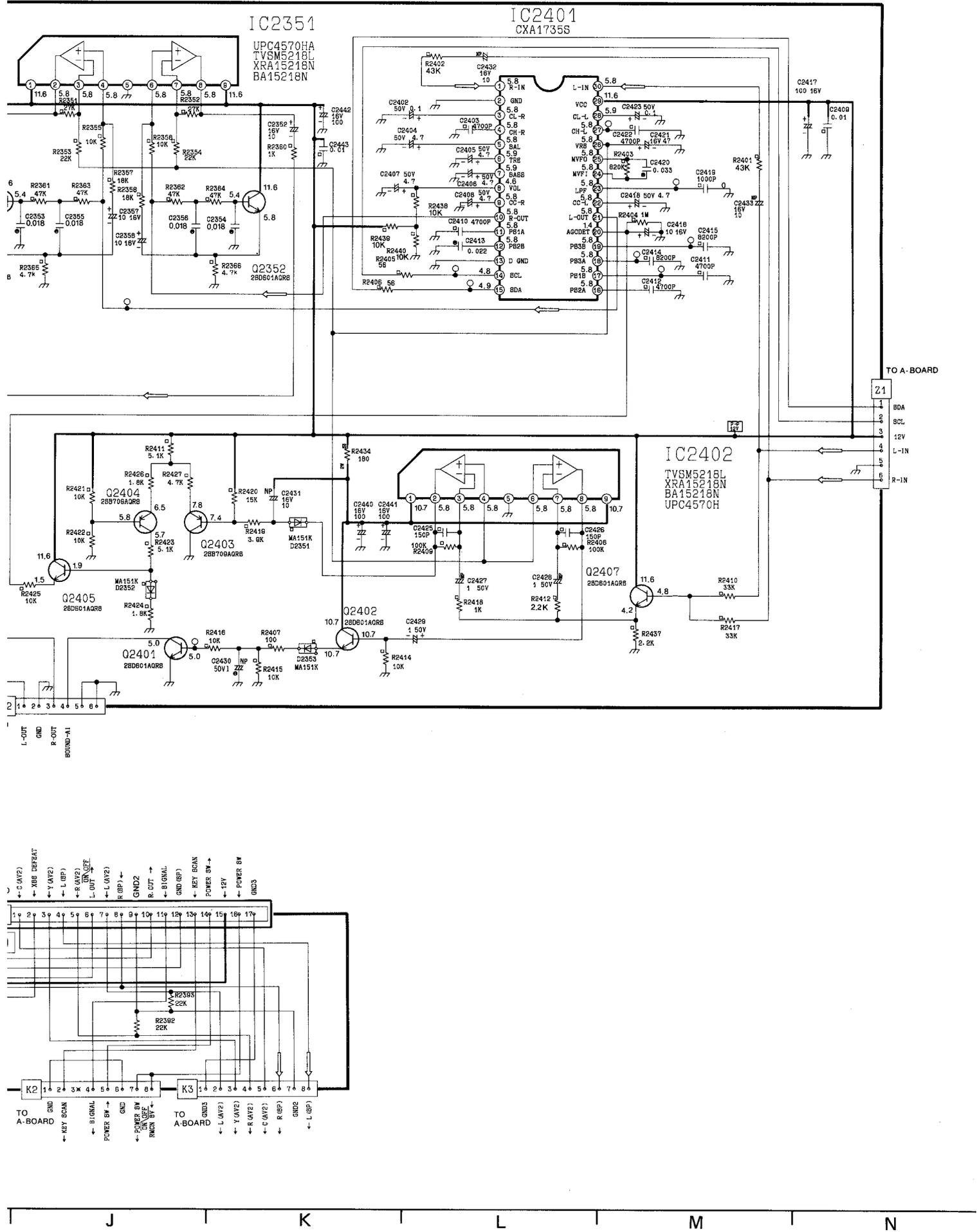
H2 1x 24 3 4x 5 6 7 8
A36
TO A-BOARD
MTE
B1B1
B-VHB
AV CONT2 (GCL)
AV CONT1 (GDA)

H4 1 2 3 4 5 6 7 8x
A38
TO A-BOARD
TV1
L-OUT
R-OUT
AC

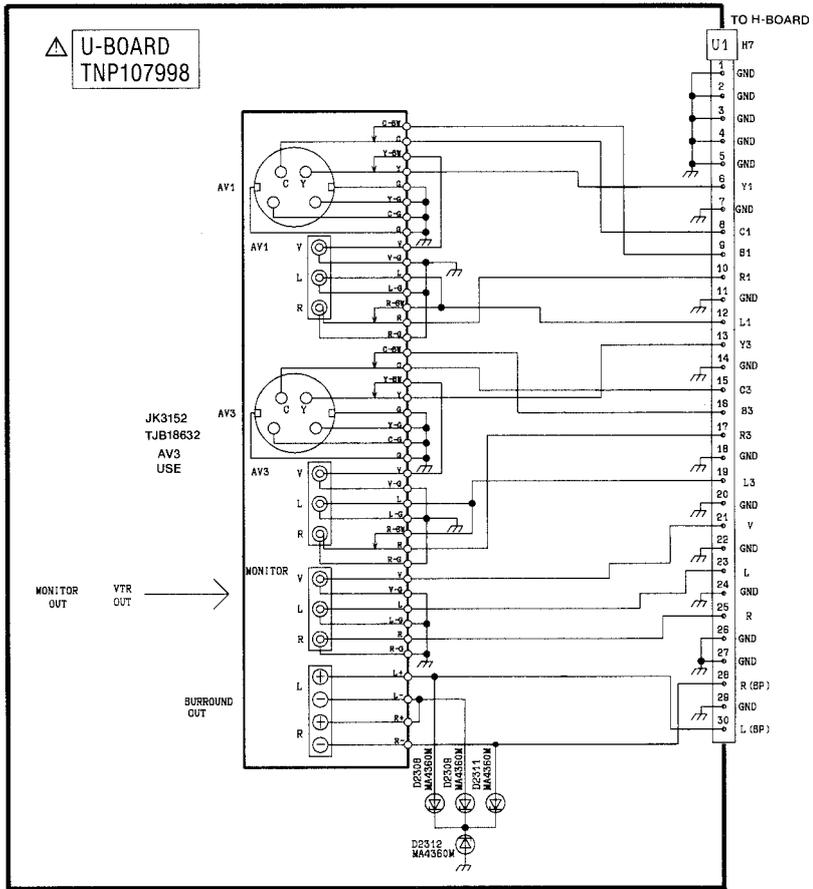
H1 1 2 3 4 5 6 7 8 4
A35
TO A-BOARD
BP
R-IN
L
V
R
AV2
GND

J O P Q R S

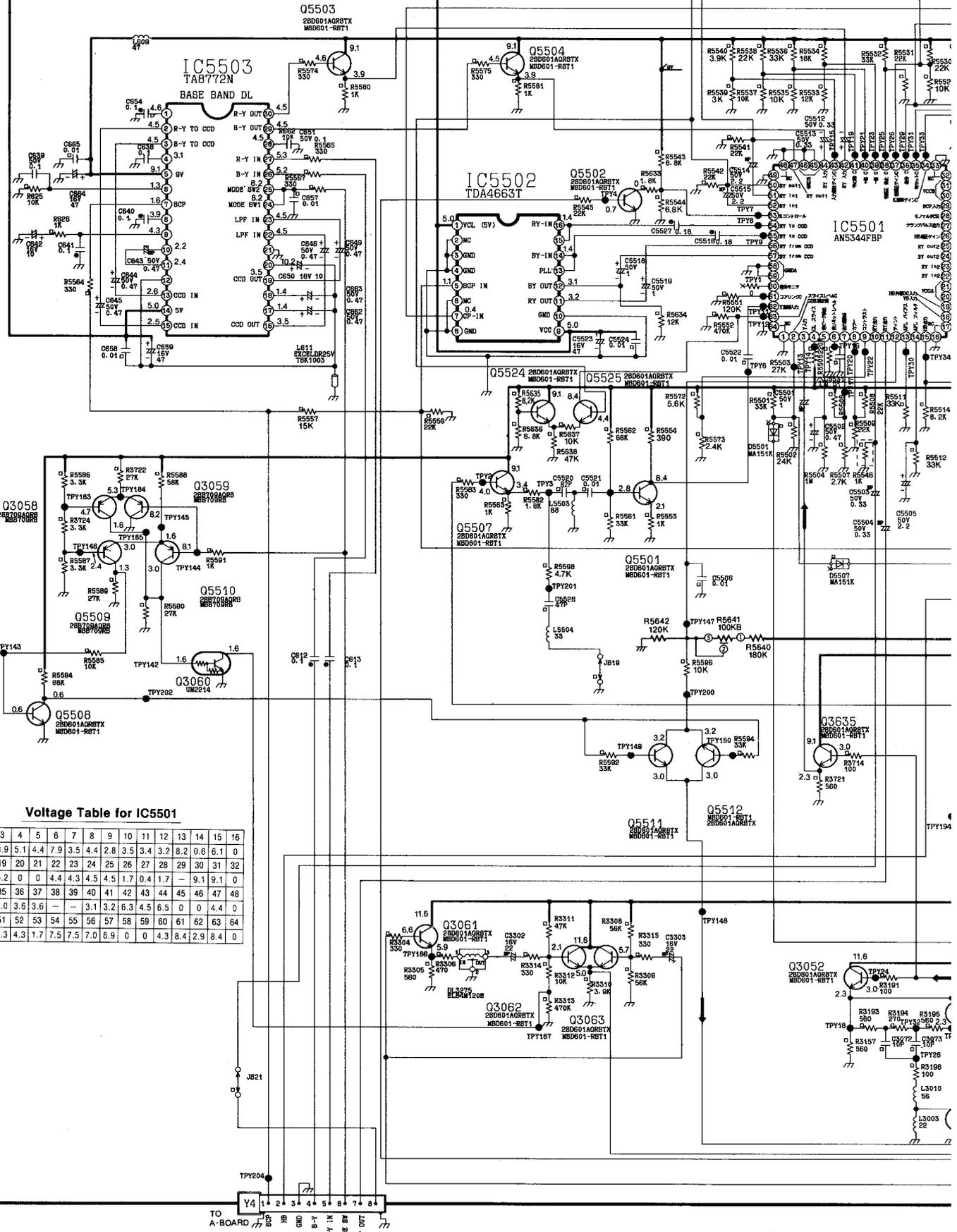
TC-29GF10R



TC-29GF10R

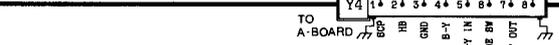


Y1-BOARD
TNP107993

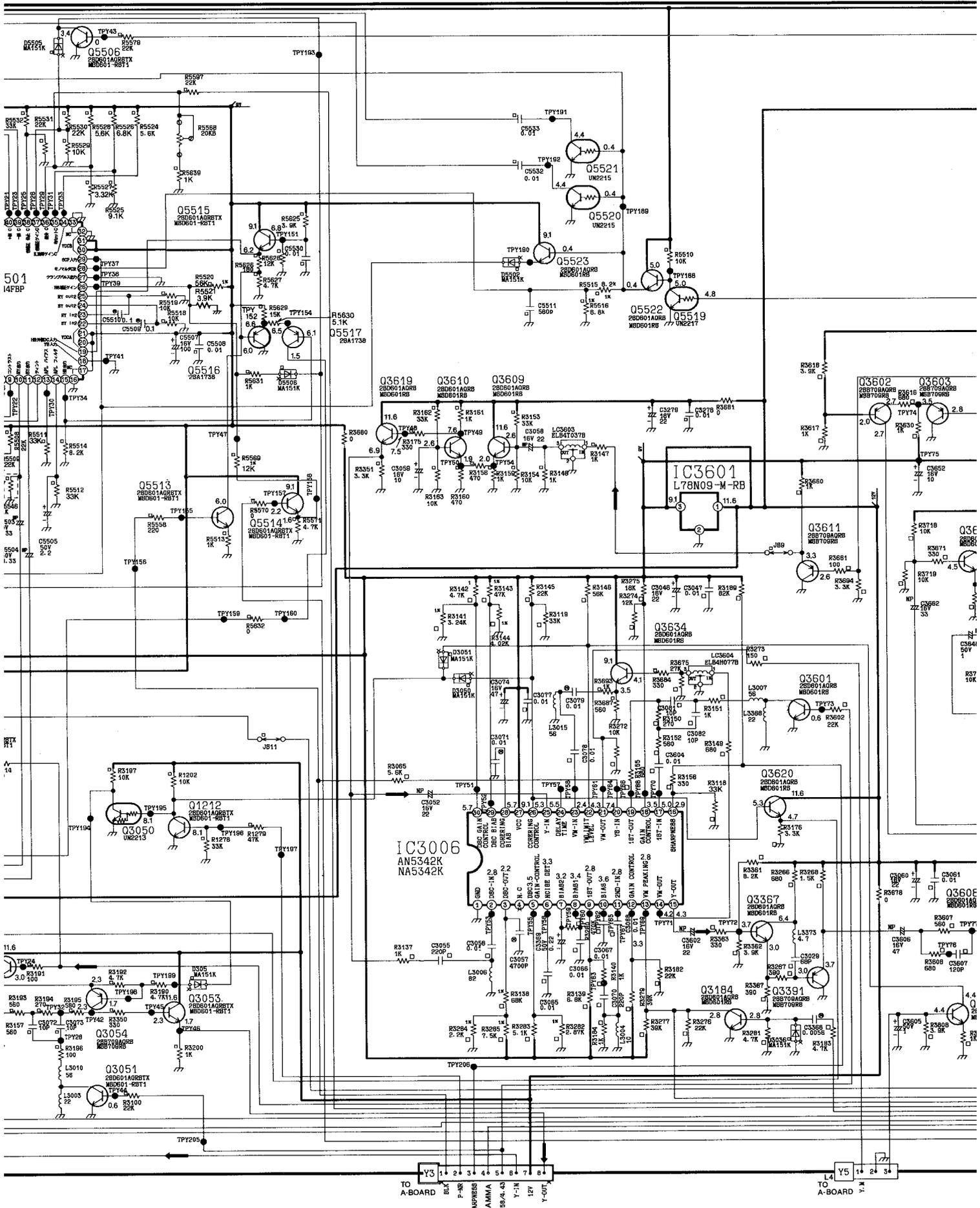


Voltage Table for IC5501

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
0	2.9	3.9	5.1	4.4	7.9	3.5	4.4	2.8	3.5	3.4	3.2	8.2	0.6	6.1	0
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
0	0	6.2	0	0	4.4	4.3	4.5	4.5	1.7	0.4	1.7	-	9.1	9.1	0
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
0	8.2	5.0	3.6	3.6	-	-	3.1	3.2	6.3	4.5	6.5	0	0	4.4	0
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0	4.4	4.3	4.3	1.7	7.5	7.5	7.0	6.9	0	0	4.3	8.4	2.9	8.4	0



A B C D E



501
I4FBP

HTX
HTX

11.6
TPY24
3.0 100

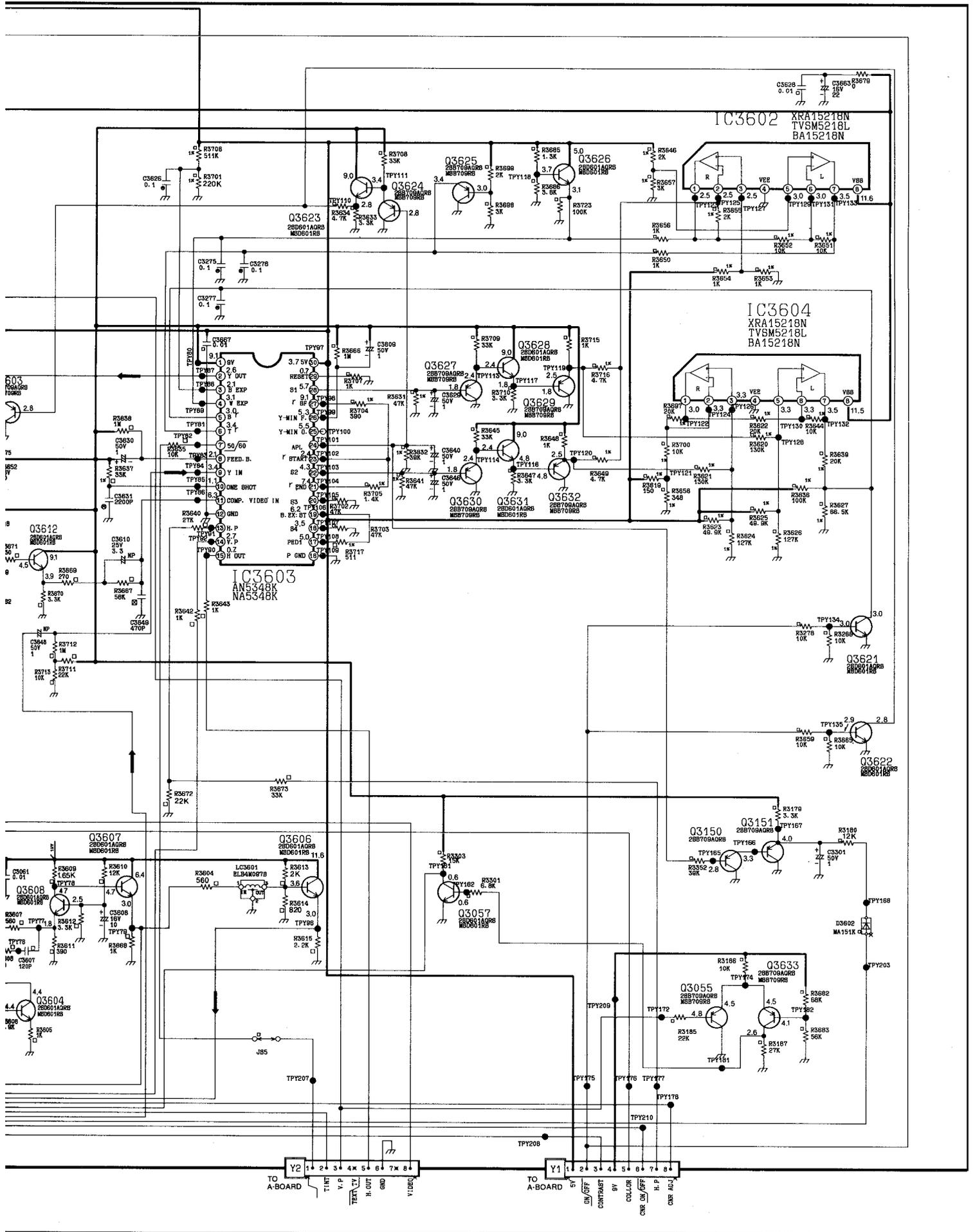
Y3
1 2 3 4 5 6 7 8

TO A-BOARD
SHARPNESS
GAMMA
Y-IN
Y-OUT

Y5
1 2 3

TO A-BOARD

E F G H I



IC3602
XRA15218N
TVSM5218L
BA15218N

IC3604
XRA15218N
TVSM5218L
BA15218N

IC3603
AN5348K
NA5348K

IC3606
28D601AQB
MBD601RB 11.6

LC3601
BLM4087B

IC3150
28B70AQB
MBT70RB

IC3151
28B70AQB
MBT70RB

IC3055
28B70AQB
MBT70RB

IC3633
28B70AQB
MBT70RB

TO A-BOARD
Y2 1 2 3 4 5 6 7 8
TINT
V.P
TRK TV
H. OUT
GND
V.DRC

TO A-BOARD
Y1 1 2 3 4 5 6 7 8
5V
ON/OFF
CONTRAST
BY
COLOR
CLR. ON/OFF
H.P
CLR. ADJ.

J

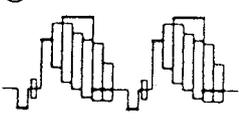
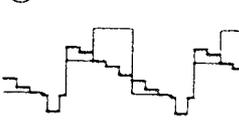
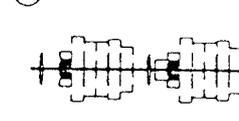
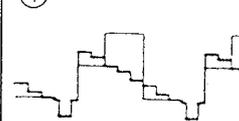
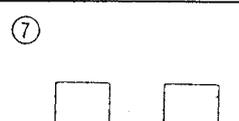
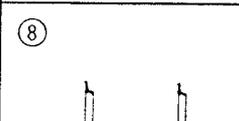
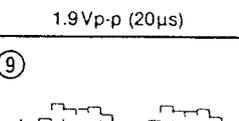
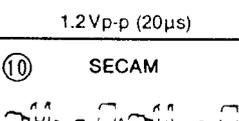
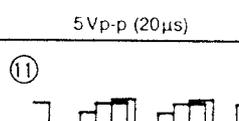
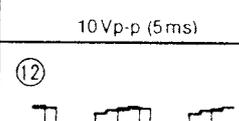
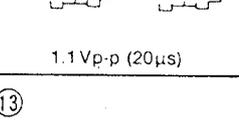
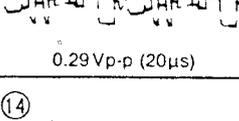
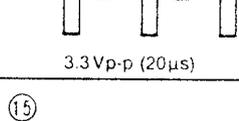
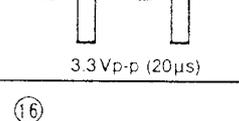
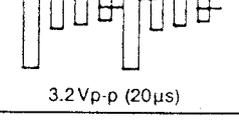
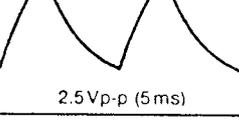
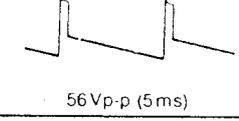
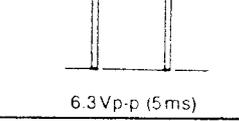
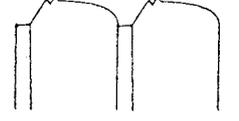
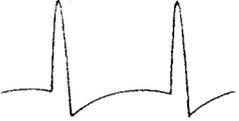
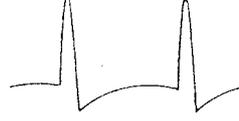
K

L

M

N

WAVEFORM PATTERN TABLE

①  1.1 Vp-p (20μs)	②  2.7 Vp-p (20μs)	③  0.6 Vp-p (20μs)	④  0.9 Vp-p (20μs)
⑤  1.9 Vp-p (20μs)	⑥  1.2 Vp-p (20μs)	⑦  5 Vp-p (20μs)	⑧  10 Vp-p (5ms)
⑨  1.1 Vp-p (20μs)	⑩ SECAM  0.29 Vp-p (20μs)	⑪  3.3 Vp-p (20μs)	⑫  3.3 Vp-p (20μs)
⑬  3.2 Vp-p (20μs)	⑭  2.5 Vp-p (5ms)	⑮  56 Vp-p (5ms)	⑯  6.3 Vp-p (5ms)
⑰  5 Vp-p (20μs)	⑱  1200 Vp-p (20μs)	⑲  230 Vp-p (20μs)	⑳  12 Vp-p (20μs)
㉑  116 Vp-p (20μs)	㉒  120 Vp-p (20μs)	㉓  114 Vp-p (20μs)	